COURSE OFFERINGS
FALL 2018

SCHOOL OF ARCHITECTURE

Architectural Interior Design - ARI
Architecture - ARC
Community and Regional Planning - CRP
Landscape Architecture - LAR

ARI 310K DESIGN I
Offered on the letter-grade basis only. An introduction to the forms and methods of design for architects and interior designers, with an emphasis on inhabitation including body, light, and movement. Taught in a studio format by faculty members under the direction of a faculty coordinator. Restricted to students in the School of Architecture. Prerequisite: Registration for Architectural Interior Design 311K or Architecture 311K. same as ARC 310K.
• 00310 MWF 1000 - 100P

ARI 311K VISUAL COMMUNICATION I
Study and application of drawing and other communication skills for designers, including formal and spatial studies, life drawing, and perspective. Restricted to students in the School of Architecture. Prerequisite: Registration for Architectural Interior Design 310K or Architecture 310K. same as ARC 311K.
• 00315 TTH 800 - 1100 ROSNER, J
• 00320 TTH 800 - 1100 GOL 3.126 ROSNER, J

ARI 318K INTERIORS AND SOCIETY
Concepts, principles, and elements of interior design, presented in artistic, philosophical, and professional contexts. Includes a basic historical overview of the development of interior design. Prerequisite: For students in the School of Architecture, none; for others, consent of instructor. meets with ARI 386M.
• 00325 TTH 200 - 330P WMB 4.118 FELIZ ARRIZABALAGA

ARI 320K DESIGN III-INTERIORS
Focus on the physical and psychological needs of the inhabitants of interior space, with an emphasis on conceptual process and diagrammatic techniques. Projects deal with real building situations and introduce implications of fenestration, structure, and materials. Restricted to students in the School of Architecture. Prerequisite: The following coursework with a grade of at least C in each: Architectural Interior Design 310L and 311L, or Architecture 310L and 311L; and registration for Architectural Interior Design 221K or Architecture 221K.
• 00330 MWF 1000 - 100P

ARI 221K VISUAL COMMUNICATION III
Introduction to digital modeling as well as principles of digital fabrication. Includes various modes of output such as drawings, renderings, and physical models. Restricted to students in the School of Architecture. Prerequisite: The following coursework with a grade of at least C in each: Architectural Interior Design 310L and 311L, or Architecture 310L and 311L; and registration for Architectural Interior Design 320K or Architecture 320D (or 320K). same as ARC 221K. also meets with ARI 221K.
• 00335 TTH 200 - 500P WMB 1.110 BIEG, K
• 00340 TTH 200 - 500P WMB 1.110 BIEG, K

ARI 324K ENVIRONMENTAL CONTROLS I
A survey of acoustics, color, light, illumination, and electrical and information systems in architectural interiors. Includes techniques of documentation. Architectural Interior Design 324K and Architecture 334K may not both becounted. Restricted to students in the School of Architecture. Prerequisite: Architectural Interior Design 520L or Architecture 520E (or 520L) or 520G (or 530T) with a grade of at least C. same as ARC 334K.
• 00345 TTH 330 - 500P GOL 3.120 FELKNER, J
W 600 - 900P

ARI 327P PRODUCTIONS
Designed to explore the relationships between the generation of form, space, experience, and atmosphere in the spatial practices of interior design, architecture, and art. Only one of the following may be counted: Architecture 327P, 350R (Topic: Productions), Architectural Interior Design 327P. Prerequisite: For students in the School of Architecture, upper-divisionstanding; for others, upper-division standing and consent of instructor. same as ARC 327P. also meets with ARI 391P, ARC 391P.
• 00350 TH 1230 - 330P WMB 3.108 ODOM, C

ARI 130 INTERIOR DESIGN INTERNSHIP
Hour(s) to be arranged. Practical application of design procedures in a professional design office. Restricted to students in the School of Architecture. Prerequisite: Architectural Interior Design 530T.
• 00355

ARI 530K DESIGN V-INTERIORS
Examination of the elements of interior space and scale, including specific human factors. Particular emphasis on the design, documentation, production, and placement of objects in interiors. Restricted to students in the School of Architecture. Prerequisite: Architectural Interior Design 520L and 434K with a grade of at least C in each. meets with ARI 693M.
• 00360 MWF 100 - 600P

ARI 350R DESIGN FIRM LEADERSHIP
Course number may be repeated for credit when the topics vary. Seminar in a variety of topics. Designed to broaden the student's knowledge of interior design and to encourage critical and theoretical thinking in the discipline. Prerequisite: For students in the School of Architecture, upper-division standing; for others, upper-division standing and consent of instructor. meets with ARI 386M, ARC 327R (TOPIC 5), ARC 386M (TOPIC 6).
• 00365 T 200 - 500P SUT 2.110 JENNINGS, R

ARI 560R ADVANCED INTERIOR DESIGN
Course number may be repeated for credit when the topics vary. Synthesis of components covered in other interior design courses, such as human aspects, place-making, the interior envelope, transitional spaces, and conceptual processes. Restricted to students in the School of Architecture. Prerequisite: Architectural Interior Design 530T with a grade of at least C and satisfactory completion of a third-year portfolio review.
• 00370 MWF 100 - 600P

ARI 368R INTERIOR DESIGN HISTORY II
Designed to accommodate 35 or fewer students. Study of function and aesthetics, and decoration and use, emphasizing interiors from the nineteenth century to the present. Prerequisite: Architectural Interior Design 318M with a grade of at least C. meets with ARI 388L.
• 00375 TTH 930 - 1100 SUT 2.110 DUDLEY, T

ARI 279 INTERIOR DESIGN RESEARCH
Hour(s) to be arranged. Investigation of problems selected by the student with approval of the supervising instructor. Prerequisite: Upper-division standing and consent of instructor and the dean.
• 00380

ARI 379 INTERIOR DESIGN RESEARCH
Hour(s) to be arranged. Investigation of problems selected by the student with approval of the supervising instructor. Prerequisite: Upper-division standing and consent of instructor and the dean.
• 00385

ARI 381D ARCHITECTURAL DRAWING
Visual communication in such media as freehand drawing, modeling, photography, and measured drawings. Architecture Interior Design 381D and 381R (Topic: Architectural Drawing) may not both be counted. Prerequisite: Graduate standing and consent of graduate adviser. meets with ARC 381D.
• 00390 TTH 600 - 900P GOL 2.110 BLOOD, J

ARI 384L ENVIRONMENTAL CONTROL II
Survey of heating, ventilation, air conditioning, vertical transportation, and plumbing systems in buildings. Includes techniques of documentation. Prerequisite: Graduate standing, Architectural Interior Design 384K with a grade of at least C, and consent of the graduate adviser. meets with ARC 384L.
• 00395 MW 930 - 1100 SUT 2.114 PYREK, A
M 700 - 800P

ARI 386M DESIGN FIRM LEADERSHIP
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARI 350R, ARC 327R (TOPIC 5), ARC 386M (TOPIC 6).
• 00400 T 200 - 500P SUT 2.110 JENNINGS, R

INTERIORS AND SOCIETY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARI 318K.
• 00405 TTH 200 - 330P WMB 4.118 FELIZ ARRIZABALAGA

ARI 388L INTERIOR DESIGN HISTORY II
Study of function and aesthetics, and decoration and use, emphasizing interiors from the nineteenth century to the present. Prerequisite: Graduate standing and Architectural Interior Design 388K with a grade of at least C. meets with ARI 368R.
• 00410 TTH 930 - 1100 SUT 2.110 DUDLEY, T

ARI 389 RESEARCH IN INTERIOR DESIGN
Hour(s) to be arranged. Investigation of problems selected by the student and approved by the graduate adviser. Prerequisite: Graduate standing and consent of the graduate adviser.
• 00415

ARI 689 RESEARCH IN INTERIOR DESIGN
Hour(s) to be arranged. Investigation of problems selected by the student and approved by the graduate adviser. Prerequisite: Graduate standing and consent of the graduate adviser.
• 00420

ARI 391P PRODUCTIONS
Designed to explore the relationships between the generation of form, space, experience, and atmosphere in the spatial practices of interior design, architecture, and art. Only one of the following may be counted: Architecture 386M (Topic: Productions), 391P, Architectural Interior Design 386M (Topic: Productions), 391P. Prerequisite: For students in the School of Architecture, graduate standing; for others, graduate standing and consent of instructor. same as ARC 391P. also meets with ARI 327P, ARC 327P.
• 00425 TH 1230 - 330P WMB 3.108 ODOM, C

April 5, 2018

course	unique	days	time	room	instructor

ARI 693K INTERIOR DESIGN CORE STUDIO I

Explores interior spaces and their sequence and adjacencies. Studies individual rooms, their locations, and their uses in such fields as hospitality, health care, and entertainment. Special emphasis on the design of transitions from public spaces to personal spaces. Prerequisite: Graduate standing and consent of the graduate adviser.

• 00430	MWF	100 - 600P		

ARI 693M INT DESIGN CORE STUDIO III

Offered on the letter-grade basis only. Examination of interior spaces and elements. Prerequisite: Graduate standing, Architectural Interior Design 693L witha grade of at least C, and consent of the graduate adviser. meets with ARI 530K.

• 00435	MWF	100 - 600P		

ARI 696 ADV INTERIOR DESIGN STUDIO

Course number may be repeated for credit when the topics vary. Studies advanced problems in interior design and examines design strategies and different phases of design. Topics may focus on interior design as it relates to retail, education, sustainability, and health care. Prerequisite: Graduate standing, Architectural Interior Design 693K and 693L, and consent of the graduate adviser.

• 00440	MWF	100 - 600P		

ARI 197 INTERIOR DESIGN INTERNSHIP

Hour(s) to be arranged. Practical application of design procedures in a professional design office. Prerequisite: Graduate standing and consent of the graduate adviser.

• 00445				

ARI 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. For students seeking the Master of Interior Design degree. Prerequisite: For 698A, graduate standing in interior design and consent of the graduate adviser; for 698B, Interior Design 698A.

• 00450				

ARI 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. For students seeking the Master of Interior Design degree. Prerequisite: For 698A, graduate standing in interior design and consent of the graduate adviser; for 698B, Interior Design 698A.

• 00455				

ARC 308 ARCHITECTURE AND SOCIETY

Introduction to the social contexts, potential, and consequences of architecture and interior design.

• 00510	TTH	1230 - 200P		SPECK, L
	W	800 - 900	SUT 2.112	
• 00515	TTH	1230 - 200P		SPECK, L
	M	830 - 930	SUT 2.114	
• 00520	TTH	1230 - 200P		SPECK, L
	W	830 - 930	SUT 2.114	
• 00525	TTH	1230 - 200P		SPECK, L
	M	900 - 1000		
• 00530	TTH	1230 - 200P		SPECK, L
	T	900 - 1000		
• 00535	TTH	1230 - 200P		SPECK, L
	W	900 - 1000		
• 00540	TTH	1230 - 200P		SPECK, L
	TH	900 - 1000		
• 00545	TTH	1230 - 200P		SPECK, L
	F	900 - 1000	SUT 2.114	
• 00550	TTH	1230 - 200P		SPECK, L
	M	1000 - 1100	PAR 304	
• 00555	TTH	1230 - 200P		SPECK, L
	W	1000 - 1100	SZB 284	
• 00560	TTH	1230 - 200P		SPECK, L
	TH	1000 - 1100	SZB 426	
• 00565	TTH	1230 - 200P		SPECK, L
	M	1100 - 1200	PAR 304	
• 00570	TTH	1230 - 200P		SPECK, L
	T	1100 - 1200		
• 00575	TTH	1230 - 200P		SPECK, L
	T	1100 - 1200	SZB 380	
• 00580	TTH	1230 - 200P		SPECK, L
	W	1100 - 1200	SZB 422	
• 00585	TTH	1230 - 200P		SPECK, L
	TH	1100 - 1200	JGB 2.202	
• 00590	TTH	1230 - 200P		SPECK, L
	T	200 - 300P	SUT 2.112	
• 00595	TTH	1230 - 200P		SPECK, L
	T	200 - 300P	SZB 286	
• 00600	TTH	1230 - 200P		SPECK, L
	T	300 - 400P	GDC 2.502	
• 00605	TTH	1230 - 200P		SPECK, L
	TH	400 - 500P	SZB 286	

ARC 310K DESIGN I

Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. An introduction to the forms and methods of design for architects and interior designers, with an emphasis on inhabitation including body, light, and movement. Taught in a studio format by faculty members under the direction of a faculty coordinator. Restricted to students in the School of Architecture. Prerequisite: Registration for Architectural Interior Design 311K or Architecture 311K. same as ARI 310K.

• 00610	MWF	1000 - 100P		

ARC 311K VISUAL COMMUNICATION I

Study and application of drawing and other communication skills for designers, including formal and spatial studies, life drawing, and perspective. Restricted to students in the School of Architecture. Prerequisite: Registration for Architectural Interior Design 310K or Architecture 310K. same as ARI 311K.

• 00615	TTH	800 - 1100	GOL 3.124	ROSNER, J
• 00620	TTH	800 - 1100	GOL 3.126	ROSNER, J

ARC 318L WORLD ARCH: INDUSTRL REV-PRES

Designed to accommodate 100 or more students. Prerequisite: For students in the School of Architecture, Architecture 318K with a grade of at least C; for others, twelve semester hours of college coursework is recommended. meets with ARC 387G.

• 00625	TTH	930 - 1100	HRH 2.104	CLEARY, R
	T	1100 - 1200		
• 00630	TTH	930 - 1100	HRH 2.104	CLEARY, R
	TH	1100 - 1200	SUT 2.114	
• 00635	TTH	930 - 1100	HRH 2.104	CLEARY, R
	T	1200 - 100P		
• 00640	TTH	930 - 1100	HRH 2.104	CLEARY, R
	T	1230 - 130P	SUT 2.110	
• 00645	TTH	930 - 1100	HRH 2.104	CLEARY, R
	T	100 - 200P	PAR 305	
• 00650	TTH	930 - 1100	HRH 2.104	CLEARY, R
	M	200 - 300P	CAL 323	
• 00655	TTH	930 - 1100	HRH 2.104	CLEARY, R
	W	200 - 300P	WMB 4.118	
• 00660	TTH	930 - 1100	HRH 2.104	CLEARY, R
	TH	200 - 300P	SUT 2.112	
• 00665	TTH	930 - 1100	HRH 2.104	CLEARY, R
	TH	200 - 300P	WMB 3.116	
• 00670	TTH	930 - 1100	HRH 2.104	CLEARY, R
	W	400 - 500P	WMB 4.118	

ARC 320D INTERMEDIATE STUDIO I

Intermediate-level studio emphasizing formal exploration of parametric design, definition of enclosure, digital fabrication, spatial and formalcomposition, etc. through possibilities of software. Taught in a studio format by faculty members under the direction of a faculty coordinator. Architecture 320D and 320K may not both be counted. Restricted to students in the School of Architecture. Prerequisite: Architecture 310L and 311L with a grade of at least C in each. Registration for Architecture 221K or Architectural Interior Design 221K.

• 00675	MWF	1000 - 100P		

ARC 520F INTERMEDIATE STUDIO III

Intermediate-level studio emphasizing tectonic expression through structural systems, construction methods and materiality, assembly, spatial and formal compositions, etc. Taught in a studio format by faculty members under the direction of a faculty coordinator. Architecture 520F and 520M may not both be counted. Restricted to students in the School of Architecture. Prerequisite: Architecture 520E or 520G; 415L; and 333 with a grade of at least C in each.

• 00700	MWF	100 - 600P		

ARC 221K VISUAL COMMUNICATION III

Introduction to digital modeling as well as principles of digital fabrication. Includes various modes of output such as drawings, renderings, and physical models. Restricted to students in the School of Architecture. Prerequisite: The following coursework with a grade of at least C in each: Architectural Interior Design 310L and 311L, or Architecture 310L and 311L; and registration for Architectural Interior Design 320K or Architecture 320D (or 320K). same as ARI 221K. also meets with ARC 221K.

• 00725	TTH	200 - 500P	WMB 1.114	BIEG, K
• 00730	TTH	200 - 500P	WMB 1.114	BIEG, K

ARC 327C URBAN DESIGN HIST/THEORY/CRIT

Study of critical theories and practices that affect the built environment. Architecture 327C and 350R (Topic: Urban Design History/Theory/Criticism) may not both be counted. Prerequisite: For students in the School of Architecture, upper-division standing; for others, upper-division standing and consent of instructor. meets with LAR 388, CRP 386, ARC 391C, URB 352.

• 00735	TTH	1230 - 200P	WMB 4.118	ALMY, D

ARC 327P PRODUCTIONS

Designed to explore the relationships between the generation of form, space, experience, and atmosphere in the spatial practices of interior design, architecture, and art. Only one of the following may be counted: Architecture 327P, 350R (Topic: Productions), Architectural Interior Design 327P. Prerequisite: For students in the School of Architecture, upper-divisionstanding; for others, upper-division standing and consent of instructor. same as ARI 327P. also meets with ARI 391P, ARC 391P.

• 00740	TH	1230 - 330P	WMB 3.108	ODOM, C

ARC 327R PROF RESIDENCY INTERN-PRP

Course number may be repeated for credit when the topics vary. Advanced topics in architecture and associated disciplines to encourage critical and theoretical thinking. Prerequisite: Upper-division standing. Restricted to students in the Professional Residency Program.

• 00745				

April 3, 2018

course	unique	days	time	room	instructor

5-DESIGN FIRM LEADERSHIP

Course number may be repeated for credit when the topics vary. Advanced topics in architecture and associated disciplines to encourage critical and theoretical thinking. Architecture 327R (Topic 5) and 350R (Topic: Design Firm Leadership) maynot both be counted. Prerequisite: Upper-division standing. meets with ARI 386M, ARI 350R, ARC 386M (TOPIC 6).

• 00750	T	200 - 500P	SUT 2.110	JENNINGS, R

6-DESIGN OF NEW COMMUNITIES

Course number may be repeated for credit when the topics vary. Advanced topics in architecture and associated disciplines to encourage critical and theoretical thinking. Architecture 327R (Topic 6) and 350R (Topic: Design of New Communities) may not both be counted. Prerequisite: Upper-division standing. meets with CRP 386, ARC 386M (TOPIC 7), LAR 388.

• 00755	M	630 - 930P	BTL 101	ATKINSON, S

12-LIGHT/SUSTAINABLE DESIGN

Course number may be repeated for credit when the topics vary. Advanced topics in architecture and associated disciplines to encourage critical and theoretical thinking. Architecture 327R (Topic 12) and 350R (Topic: Light and Sustainable Design) may not both be counted. Prerequisite: Upper-division standing. meets with ARC 386M (TOPIC 13).

• 00760	W	700 - 1000P	GOL 3.120	FAJKUS, M

ARC 328W WOOD DESIGN

Practice on basic woodworking skills: tool sharpening, layout, millwork,joinery, gluing, sanding, and finishing. Architecture 328W and 351R (Topic 11) may not both be counted. Prerequisite: Upper-division standing and Architecture 520L with a gradeof at least C, or consent of instructor. meets with ARC 392W.

• 00765	TTH	230 - 530P	GOL 1.108	MACEK, M

ARC 334K ENVIRONMENTAL CONTROLS I

A survey of acoustics, color, light, illumination, and electrical and information systems in architectural interiors. Includes techniques of documentation. Architectural Interior Design 324K and Architecture 334K may not both becounted. Restricted to students in the School of Architecture. Prerequisite: Architectural Interior Design 520L or Architecture 520E (or 520L) or 520G (or 530T) with a grade of at least C. same as ARI 324K.

• 00770	TTH	330 - 500P	GOL 3.120	FELKNER, J
	F	900 - 1200	SUT 2.112	
• 00775	TTH	330 - 500P	GOL 3.120	FELKNER, J
	W	600 - 900P	WMB 4.118	

ARC 435K CONSTRUCTION III

Building construction and materials theories; structural component analysis and design. Restricted to students in the School of Architecture. Prerequisite: Architecture 415L with a grade of at least C; Mathematics 408C or 408L; and Physics 302L and 102N, or 303L and 103N.

• 00780	TTH	1230 - 200P	GOL 3.120	FELKNER, J
	T	700 - 1000P	PAR 302	
• 00785	TTH	1230 - 200P	GOL 3.120	FELKNER, J
	TH	700 - 1000P		

ARC 335M CONSTRUCTION V

Advanced analysis of building envelope, assemblies, detailing, and specifications. Restricted to students in the School of Architecture. Prerequisite: Architecture 435L with a grade of at least C and registration for ARC 561C.

• 00790	MW	930 - 1100	GOL 3.118	

ARC 342C MEX ARCH: PRE-COLUMB-CONTEMP

A survey of Mexican architecture and urbanism from its origins in pre-Columbian times to the twenty-first century. Evaluation of architecture as a cultural production intricately connected to its artistic and historical context and the landscape that supports it. Only one of the following may be counted: Architecture 342C, 368R (Topic: Mexican Architectural History), 368R (Topic: Mexican Architecture-UT/Mex). Prerequisite: For students in the School of Architecture, Architecture 318L with a grade of at least C; for students in art history, Latin American studies, Mexican American studies, and urban studies, upper-division standing; for all others, consent of instructor. meets with ARC 395C, LAS 328.

• 00795	TTH	930 - 1100	GOL 3.120	MIRO, J

ARC 342E HIST/THEORS OF LANDSCP ARCH I

Overview and chronological series of in-depth studies in the history of major garden cultures and designed landscapes of the Western and Eastern worlds. Introduction to methodological approaches to the formal, social, and cultural history of gardens and landscapes, as well as to relevant theoretical frameworks for interpreting these designed landscapes and for use in conceptualizing landscapes, architecture, and urban projects in studio design. Architecture 342E and 368R (Topic: History and Theories of Landscape Architecture I) may not both be counted. Prerequisite: Upper-division standing; for students in the School of Architecture, Architecture 318L with a grade of at least C; for others, consent of instructor. meets with LAR 388K, ARC 395E, URB 353.

• 00800	MW	1000 - 1130	GOL 3.120	BENES, M

ARC 342R 8-HYBRIDITY IN LANDSCAPE/ARCH

Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in the history of architecture. Architecture 342R (Topic 8) and 368R (Topic: Hybridity in Landscape Architecture) may not both be counted. Prerequisite: For students in the School of Architecture, Architecture 318L with a grade of at least C and upper-division standing; for others,upper-division standing. meets with ARC 388R (TOPIC 8), LAR 388.

• 00805	T	200 - 500P	BTL 101	BENES, M

ARC 342S MOD EUROPE ARCH

Hour(s) to be arranged. Architecture 342S and 368R (Topic: Modern European Arch-Europe) may not both be counted. Prerequisite: Upper-division standing.

• 00810					UDOVICKI, D

ARC 342T ADV ARCH HISTORY-ITA

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Architecture 342T and ARC 368R (Topic: Advanced Architecture History-ITA) may not both be counted. Prerequisite: Upper-division standing. Faculty-led Abroad Program taught in Tuscany, Italy and surrounding areas. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 00815					MILOVANOVIC-BERTRA

ARC 660T ADVANCED DESIGN-PRP

Hour(s) to be arranged. Technical communication studio to develop the student's ability to combine the elements of a thorough building design. Only one of the following may be counted Architecture 560T, 660T, 561C. For 560T, restricted to students in the School of Architecture; for 660T, restricted to students participating in the School of Architecture's professional residency program. Prerequisite: Upper-division standing; Architecture 520E (or 520L) and 520G (or 530T) with a grade of at least C in each; registration for Architecture 361T; and satisfactory completion of third-year portfolio review. Restricted to students in the Professional Residency Program.

• 00820					

ARC 561C COMPREHENSIVE STUDIO

Comprehensive studio to develop the ability to combine the elements of athorough building design. Only one of the following may be counted: Architecture 560T, 660T, or 561C. Restricted to students in the School of Architecture. Prerequisite: Architecture 520E (or 520L) and 520G (or 530T) with a grade of at least C in each; registration for Architecture 335M; and satisfactory completion of third-year portfolio review.

• 00825	MWF	100 - 600P			

ARC 561R ADVANCED DESIGN

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced problems in architectural design. Restricted to students in the School of Architecture. Architecture 661R is restricted to students participating in the Professional Residency Program. Prerequisite: Architecture 520E (or 520L) and 520G (or 530T) with a grade of at least C and satisfactory completion of third-year portfolio review.

• 00830	MWF	100 - 600P			
• 00835	MWF	100 - 600P			
• 00840	MWF	100 - 600P			

ADVANCED DESIGN-EUR

Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Advanced problems in architectural design. Restricted to students in the School of Architecture. Architecture 661R is restricted to students participating in the Professional Residency Program. Prerequisite: Architecture 520E (or 520L) and 520G (or 530T) with a grade of at least C and satisfactory completion of third-year portfolio review. Faculty-led Abroad Program taught in Copenhagen, Berlin, Cologne, Stuttgart, Bregenz, Lugano, Lucerne, Basel, and Paris. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.

• 00845					SIDDIQUI, I

ADVANCED DESIGN-ITA

Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Advanced problems in architectural design. Restricted to students in the School of Architecture. Architecture 661R is restricted to students participating in the Professional Residency Program. Prerequisite: Architecture 520E (or 520L) and 520G (or 530T) with a grade of at least C and satisfactory completion of third-year portfolio review. Faculty-led Abroad Program taught in Tuscany, Italy and surrounding areas. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.

• 00850					MILOVANOVIC-BERTRA

ADVANCED DESIGN: VISTNG CRITIC

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced problems in architectural design. Restricted to students in the School of Architecture. Architecture 661R is restricted to students participating in the Professional Residency Program. Prerequisite: Architecture 520E (or 520L) and 520G (or 530T) with a grade of at least C and satisfactory completion of third-year portfolio review.

• 00855	MWF	100 - 600P			

ARC 361T TECHNICAL COMMUNICATION

Additional hour(s) to be arranged. Studio to produce construction documents. Restricted to students in the School of Architecture. Prerequisite: Architecture 520E (or 520L) and 520G (or 530T) with a grade of at least C in each; and satisfactory completion of third-year portfolio review meets with ARC 381T.

• 00860	TTH	830 - 1100	WMB 1.114	SMITH, M

TECHNICAL COMMUNICATION-PRP

Hour(s) to be arranged. Studio to produce construction documents. Restricted to students in the School of Architecture. Prerequisite: Architecture 520E (or 520L) and 520G (or 530T) with a grade of at least C in each; and satisfactory completion of third-year portfolio review Restricted to students in the Professional Residency Program.

• 00865					

April 3, 2017

course unique days time room instructor

ARC 362 PROFESSIONAL PRACTICE
Ethical, legal, and administrative responsibilities of the architect; organizations, processes, and roles in architecture. Restricted to students in the School of Architecture. Prerequisite: One of the following with a grade of at least C: Architecture 561R, 561C, or 560T. meets with ARC 382, LAR 386.
• 00870 TTH 530 - 700P GOL 3.120 SHULEY, K

PROFESSIONAL PRACTICE-PRP
Hour(s) to be arranged. Ethical, legal, and administrative responsibilities of the architect; organizations, processes, and roles in architecture. Restricted to students in the School of Architecture. Prerequisite: One of the following with a grade of at least C: Architecture 561R, 561C, or 560T. Restricted to students in the Professional Residency Program.
• 00875

ARC 379 ARCHITECTURAL RESEARCH
Hour(s) to be arranged. Investigation of problems selected by the student with the approval of the supervising instructor and the associate dean for undergraduate programs. A grade of at least C is required for degree credit. Prerequisite: Consent of instructor.
• 00880

ARC 479 ARCH RESEARCH-EUROPE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Investigation of problems selected by the student with the approval of the supervising instructor and the associate dean for undergraduate programs. A grade of at least C is required for degree credit. Prerequisite: Consent of instructor. Faculty-led Abroad Program taught in Copenhagen, Berlin, Cologne, Stuttgart, Bregenz, Lugano, Lucerne, Basel, and Paris. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.
• 00885

ARCH RESEARCH-ITA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Investigation of problems selected by the student with the approval of the supervising instructor and the associate dean for undergraduate programs. A grade of at least C is required for degree credit. Prerequisite: Consent of instructor. Faculty-led Abroad Program taught in Tuscany, Italy and surrounding areas. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.
• 00890 MILOVANOVIC-BERTRA

ARC 579 ARCHITECTURAL RESEARCH
Hour(s) to be arranged. Investigation of problems selected by the student with the approval of the supervising instructor and the associate dean for undergraduate programs. A grade of at least C is required for degree credit. Prerequisite: Consent of instructor.
• 00895

ARC 380C ADV VISUAL COMMUNCATN-EUR
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Advanced topics in visualization and fabrication in such media as freehand drawing, modeling, photography, computer graphics, photogrammetry, and measured drawings. Architecture 380C and 381R may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. Faculty-led Abroad Program taught in Copenhagen, Berlin, Cologne, Stuttgart, Bregenz, Lugano, Lucerne, Basel, and Paris. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.
• 00900 BLOOD, J

ADV VISUAL COMMUNCATN-ITA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Advanced topics in visualization and fabrication in such media as freehand drawing, modeling, photography, computer graphics, photogrammetry, and measured drawings. Architecture 380C and 381R may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. Faculty-led Abroad Program taught in Tuscany, Italy and surrounding areas. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.
• 00905 MILOVANOVIC-BERTRA

ARC 381D ARCHITECTURAL DRAWING
Visual communication in media, such as freehand drawing, modeling, photography, and measured drawings. Architecture 381D and 386M (Topic: Architectural Drawing) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARI 381D.
• 00910 TTH 600 - 900P GOL 2.110 BLOOD, J

ARC 381T TECHNICAL COMMUNICATION
Additional hour(s) to be arranged. Studio to provide skills in producing construction documents as they relate to the design and building process. Prerequisite: Graduate standing, Architecture 694 (or 393 and 394), and consent of the graduate adviser. meets with ARC 361T.
• 00915 TTH 830 - 1100 WMB 1.114 SMITH, M

ARC 382 PROFESSIONAL PRACTICE
Ethical, legal, economic, and administrative processes and responsibilities of the practitioner in architecture and allied fields. Topics may include preservation law, community development, participatory design, and other aspects of organizations; methods and roles in design, planning, and preservation of the built environment. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 362, LAR 386.
• 00920 TTH 530 - 700P GOL 3.120 SHULEY, K

PROFESSIONAL PRACTICE-PRP
Hour(s) to be arranged. Ethical, legal, economic, and administrative processes and responsibilities of the practitioner in architecture and allied fields. Topics may include preservation law, community development, participatory design, and other aspects of organizations; methods and roles in design, planning, and preservation of the built environment. Prerequisite: Graduate standing and consent of the graduate adviser. Restricted to students in the Professional Residency program.
• 00925

ARC 382P PRO RSDNCY PROG PORTFOLIO
Hour(s) to be arranged. Under the supervision of a faculty member, students produce a portfolio based on the Professional Residency Program experience. Restricted to students participating in the Professional Residency Program. Prerequisite: Graduate standing and consent of the graduate adviser.
• 00930

ARC 382R PRO RESIDENCY PROG PAPER
Hour(s) to be arranged. Under the supervision of a faculty member, students produce a research paper based on the Professional Residency Program experience. Restricted to students participating in the Professional Residency Program. Prerequisite: Graduate standing and consent of the graduate adviser.
• 00935

ARC 384L ENVIRONMENTAL CONTROL II
Survey of heating, ventilating, air conditioning, vertical transportation, and plumbing systems in buildings. Includes techniques of documentation. Prerequisite: Graduate standing, Architecture 384K with a grade of at least C, and consent of the graduate adviser. meets with ARI 384L.
• 00940 MW 930 - 1100 SUT 2.114 PYREK, A
M 700 - 800P PAR 303

ARC 385M CONSTRUCTION III
Theories of building construction and materials; structural component analysis and design. Prerequisite: Graduate standing, Architecture 385L with a grade of at least C, and consent of the graduate adviser.
• 00945 TTH 1230 - 200P SUT 2.112 DANGEL, U
W 700 - 1000P PAR 304

ARC 386K THEORY OF ARCHITECTURE I
Examines how architecture carries meaning. Uses case studies of buildings constructed in the past forty years. Prerequisite: Graduate standing and admission to the graduate program in architecture or architectural studies.
• 00950 T 200 - 500P GOL 2.110 HAETTASCH, M
• 00955 T 300 - 600P SUT 2.112 SPECK, L

ARC 386L THEORY OF ARCHITECTURE II
Survey of architectural theory since the Renaissance. Prerequisite: Graduate standing and admission to the graduate program in architecture or architectural studies.
• 00960 W 900 - 1200 BTL 101 CLEARY, R

ARC 386M GRAPHIC DOCUMENTATION
Course number may be repeated for credit when the topics vary. Study of critical theories and practices that affect the built environment. Prerequisite: Graduate standing and consent of the graduate adviser.
• 00965 M 1000 - 100P SUT 3.112 IBARRA SEVILLA, B
F 1000 - 100P SUT 3.112

MIGRATORY URBANISM
Course number may be repeated for credit when the topics vary. Study of critical theories and practices that affect the built environment. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAS 388.
• 00970 W 900 - 1200 SUT 2.110 LOPEZ, S

REAL ESTATE PRACTICUM
Course number may be repeated for credit when the topics vary. Study of critical theories and practices that affect the built environment. Prerequisite: Graduate standing and consent of the graduate adviser. meets with CRP 389C, R E 389.
• 00975 TTH 1100 - 1230P RRH 5.420 HALLMAN, G

6-DESIGN FIRM LEADERSHIP
Course number may be repeated for credit when the topics vary. Study of critical theories and practices that affect the built environment. Architecture 386M (Topic: Design Firm Leadership) and 386M (Topic 6) maynot both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARI 386M, ARI 350R, ARC 327R (TOPIC 5).
• 00980 T 200 - 500P SUT 2.110 JENNINGS, R

7-DESIGN OF NEW COMMUNITIES
Course number may be repeated for credit when the topics vary. Study of critical theories and practices that affect the built environment. Architecture 386M (Topic: Design of New Communities) and 386M (Topic 7) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with CRP 386, ARC 327R (TOPIC 6), LAR 388.
• 00985 M 630 - 930P BTL 101 ATKINSON, S

13-LIGHT/SUSTAINABLE DESIGN
Course number may be repeated for credit when the topics vary. Study of critical theories and practices that affect the built environment. Architecture 386M (Topic: Light and Sustainable Design) and 386M (Topic 13) may not both be counted. Prerequisite:

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course	unique	days	time	room	instructor

Graduate standing and consent of the graduate adviser. meets with ARC 327R (TOPIC 12).

• 00990	W	700 - 1000P	GOL 3.120	FAJKUS, M

ARC 387G WORLD ARCH: INDUS REV-PRESENT

Examination of architecture types, principles, and building technologies with special attention to cultural transfers. Prerequisite: Graduate standing, Architecture 387F with a grade of at least C, and consent of the graduate adviser. meets with ARC 318L.

• 00995	TTH	930 - 1100	HRH 2.104	CLEARY, R
	F	1000 - 1130	BTL 101	

ARC 388R CULTL LNDSCP AND ETHNOGR METHS

Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in architectural history, historic preservation, and the history of building technology. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with CRP 388.

• 01000	TTH	1230 - 200P	GOL 2.110	LOPEZ, S

8-HYBRIDITY IN LANDSCAPE/ARCH

Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in architectural history, historic preservation, and the history of building technology. Architecture 388R (Topic: Hybridity in Landscape/Architecture) and 388R (Topic 8) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with ARC 342R (TOPIC 8), LAR 388.

• 01005	T	200 - 500P	BTL 101	BENES, M

17-PRESERVATION HISTORY/THEORY

Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in architectural history, historic preservation, and the history of building technology. Architecture 388R (Topic: Preservation History & Theory) and 388R (Topic17) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with CRP 389C.

• 01010	TH	200 - 500P	SUT 2.114	HOLLERAN, M

ARC 389 RESEARCH IN ARCHITECTURE

Hour(s) to be arranged. Investigation of problems in architecture, urban design, and development selected by the student with approval of the Graduate Studies Committee. Prerequisite: Graduate standing and consent of the graduate adviser.

• 01015

ARC 689 RESEARCH IN ARCHITECTURE

Hour(s) to be arranged. Investigation of problems in architecture, urban design, and development selected by the student with approval of the Graduate Studies Committee. Prerequisite: Graduate standing and consent of the graduate adviser.

• 01020

ARC 190C ARCHITECTURE PRACTICUM

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Restricted to students in the following programs: Master of Architecture (first professional), Master of Architecture (post-professional), Master of Science in Sustainable Design, Master of Science in Urban Design, Master of Arts in Architectural History, Master of Science in Historic Preservation, Master of Science in Architectural Studies. Prerequisite: Graduate standing, and written consent of the graduate adviser and chair of the Architecture Graduate Studies Committee.

• 01025

ARC 690JA URBAN DES PROJECT: DUAL DEG

Hour(s) to be arranged. Offered on the letter-grade basis only. Research project in urban design. Restricted to Master of Science in Community and Regional Planning and Master of Science in Urban Design dual degree students. Prerequisite: Graduate standing and consent of the graduate adviser.

• 01030

ARC 391C URBAN DESIGN HIST/THEORY/CRIT

Study of critical theories and practices that affect the built environment. Architecture 386M (Topic: Urban Design History/Theory/Criticism) and 391C may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAR 388, CRP 386, ARC 327C, URB 352.

• 01035	TTH	1230 - 200P	WMB 4.118	ALMY, D

ARC 391P PRODUCTIONS

Designed to explore the relationships between the generation of form, space, experience, and atmosphere in the spatial practices of interior design, architecture, and art. Only one of the following may be counted: Architecture 386M (Topic: Productions), 391P, Architectural Interior Design 386M (Topic: Productions), 391P. Prerequisite: For students in the School of Architecture, graduate standing; for others, graduate standing and consent of instructor. same as ARI 391P. also meets with ARI 327P, ARC 327P.

• 01040	TH	1230 - 330P	WMB 3.108	ODOM, C

ARC 692K HISTORIC PRESERVATION STUDIO

May be repeated for credit. Interdisciplinary studio integrating design and other preservation issues at scales from interiors to landscapes and urban districts. Prerequisite: Graduate standing.

• 01045	MWF	100 - 600P	

ARC 392W WOOD DESIGN

Practice on basic woodworking skills: tool sharpening, layout, millwork,joinery, gluing, sanding, and finishing. Prerequisite: Graduate standing and consent of graduate adviser. meets with ARC 328W.

• 01050	TTH	230 - 530P	GOL 1.108	MACEK, M

ARC 693K URBAN DESIGN STUDIO

May be repeated for credit. Interdisciplinary studio integrating urban design at scales from interiors to landscapes and urban districts. Prerequisite: Graduate standing.

• 01055	MWF	100 - 600P	

URBAN DESIGN STUDIO

May be repeated for credit. Interdisciplinary studio integrating urban design at scales from interiors to landscapes and urban districts. Prerequisite: Graduate standing. meets with LAR 694T.

• 01060	MWF	100 - 600P	GOL 4.114	ALMY, D

ARC 694 ARCH DESIGN: VERTICAL STUDIO

Design problems dealing with subjective and objective decision making, study and application of drawing and other communication skills for architects, investigation of physical and social contexts, and the practical requirements of sound building. Architecture 393 and 694 may not both be counted. Architecture 394 and 694 may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser.

• 01065	MWF	100 - 600P
• 01070	MWF	100 - 600P
• 01075	MWF	100 - 600P
• 01080	MWF	100 - 600P
• 01085	MWF	100 - 600P
• 01090	MWF	100 - 600P

ARC 395C MEX ARCH: PRE-COLUMB-CONTEMP

A survey of Mexican architecture and urbanism from its origins in pre-Columbian times to the twenty-first century. Evaluation of architecture as a cultural production intricately connected to its artistic and historical context and the landscape that supports it. Architecture 388R (Topic: Mexican Architectural History) and 395C may not both be counted. Prerequisite: For students in the School of Architecture, graduate standing; for all others, graduate standing and consent of instructor. meets with ARC 342C, LAS 328.

• 01095	TTH	930 - 1100	GOL 3.120	MIRO, J

ARC 395E HIST/THEORS OF LANDSCP ARCH I

Overview and chronological series of in-depth studies in the history of major garden cultures and designed landscapes of the Western and Eastern worlds. Introduction to methodological approaches to the formal, social, and cultural history of gardens and landscapes, as well as to relevant theoretical frameworks for interpreting these designed landscapes and for use in conceptualizing landscapes, architecture, and urban projects in studio design. Architecture 388R (Topic: History and Theories of Landscape Architecture I) and 395E may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAR 388K, ARC 342E, URB 353.

• 01100	MW	1000 - 1130	GOL 3.120	BENES, M

ARC 695S ADV ARCH DESIGN: INT STUDIO

Offered on the letter-grade basis only. Advanced studio to develop skills in assimilating concepts into a feasible building design. Architecture 695 and 695S may not both be counted. Prerequisite: Graduate standing; Architecture 694 (or 393 and 394); and consent of the Graduate Adviser.

• 01105	MWF	100 - 600P
• 01110	MWF	100 - 600P

ARC 696 ADV ARC DESIGN-VISITING CRITIC

Course number may be repeated for credit when the topics vary. Advanced problems in architectural design to help develop skills in areas of students' and faculty member's choice, including interior architecture and preservation, as well as landscape, urban, and sustainable design. Prerequisite: Graduate standing, Architecture 694 or the equivalent, and consent of the graduate adviser.

• 01115	MWF	100 - 600P

ADV ARCH DESIGN-EUR

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Advanced problems in architectural design to help develop skills in areas of students' and faculty member's choice, including interior architecture and preservation, as well as landscape, urban, and sustainable design. Prerequisite: Graduate standing, Architecture 694 or the equivalent, and consent of the graduate adviser. Faculty-led Abroad Program taught in Copenhagen, Berlin, Cologne, Stuttgart, Bregenz, Lugano, Lucerne, Basel, and Paris. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.

• 01120	SIDDIQUI, I

ADV ARCH DESIGN-ITA

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Advanced problems in architectural design to help develop skills in areas of students' and faculty member's choice, including interior architecture and preservation, as well as landscape, urban, and sustainable design. Prerequisite: Graduate standing, Architecture 694 or the equivalent, and consent of the graduate adviser. Faculty-led Abroad Program taught in Tuscany, Italy and surrounding areas. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.

• 01125	MILOVANOVIC-BERTRA

ADVANCED ARCHITECTURAL DESIGN

Course number may be repeated for credit when the topics vary. Advanced problems in architectural design to help develop skills in areas of students' and faculty member's choice, including interior architecture and preservation, as well as landscape, urban, and sustainable design. Prerequisite: Graduate standing, Architecture 694 or the equivalent, and consent of the graduate adviser.

• 01130	MWF	100 - 600P	

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course	unique	days	time	room	instructor
	• 01135	MWF	100 - 600P		
	• 01140	MWF	100 - 600P		
	• 01145	MWF	100 - 600P		
	• 01150	MWF	100 - 600P		

ARC 397K DOCTORAL RSCH IN ARCHITECTURE

Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Conference course for students preparing for the dissertation colloquium. Prerequisite: Graduate standing in architecture and consent of the graduate adviser.

• 01155				

ARC 697U URBAN DESIGN PROJECT

Hour(s) to be arranged. Offered on the letter-grade basis only. Research project in urban design. Restricted to urban design students. Prerequisite: Graduate standing and consent of the graduate adviser.

• 01160				

ARC 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. For students seeking the Master of Science or Master of Arts degrees in the School of Architecture, those seeking the Master of Architecture as a postprofessional degree, and those seeking the Master of Architecture as a first professional degree who choose to complete the requirements of a concentration. Prerequisite: For 698A, graduate standing in architecture and consent of the graduate adviser; for 698B, Architecture 698A. Restricted to students seeking a first professional degree.

• 01165				

ARC 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. For students seeking the Master of Science or Master of Arts degrees in the School of Architecture, those seeking the Master of Architecture as a postprofessional degree, and those seeking the Master of Architecture as a first professional degree who choose to complete the requirements of a concentration. Prerequisite: For 698A, graduate standing in architecture and consent of the graduate adviser; for 698B, Architecture 698A. Restricted to students seeking a first professional degree.

• 01170				

ARC 398D DEPARTMENTAL REPORT

Offered on the credit/no credit basis only. May be repeated for credit. Preparation of a degree project to fulfill the requirement for the Master of Science in Historic Preservation or other School of Architecture degree program under the departmental report option. May be taken for a single semester (similar to the Professional Report), or two semesters (similar to the Thesis). Prerequisite: Graduate standing and consent of the graduate adviser.

• 01175	W	1230 - 200P	SUT 3.112	HOLLERAN, M
	TH	700 - 830P	SUT 3.112	

ARC 398R MASTER'S REPORT

Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in architectural studies and consent of the graduate adviser.

• 01180				

ARC 399R DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and writtenconsent of the graduate adviser.

• 01185				

ARC 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and writtenconsent of the graduate adviser.

• 01190				

ARC 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and writtenconsent of the graduate adviser.

• 01195				

ARC 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Architecture 399R, 699R, or 999R, and written consent of the graduate adviser.

• 01200				

ARC 699W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Architecture 399R, 699R, or 999R, and written consent of the graduate adviser.

• 01205				

ARC 999W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Architecture 399R, 699R, or 999R, and written consent of the graduate adviser.

• 01210				

CRP 380F 1-PLANNING HIST THEORY/ETHICS

Course number may be repeated for credit when the topics vary. Conceptional foundations of community and regional planning. Prerequisite: Graduate standing and consent of graduate adviser.

• 01265	M	1100 - 1230P	SUT 2.112	
	W	1100 - 1230P	SUT 2.112	
• 01270	M	1100 - 1230P	SUT 2.112	
	W	200 - 330P	SUT 2.114	

2-FOUNDATIONS OF PLANNING LAW

Course number may be repeated for credit when the topics vary. Conceptional foundations of community and regional planning. Community and Regional Planning 380F (Topic 2) and 381 (Topic 2: Planning Law) may not both be counted. Restricted to community and regional planning majors. Prerequisite: Graduate standing and consent of graduate adviser. meets with LAW 379M.

• 01275	TTH	930 - 1100	SUT 2.114	RAWLINS, R
• 01280	TTH	1230 - 200P	SUT 2.114	RAWLINS, R

3-PUBLIC ECONOMICS/FINANCE

Course number may be repeated for credit when the topics vary. Conceptional foundations of community and regional planning. Restricted to community and regional planning majors. Prerequisite: Graduate standing and consent of graduate adviser.

• 01285	MW	930 - 1100	SUT 2.112	ODEN, M
• 01290	MW	1230 - 200P	SUT 2.114	SCIARA, G

CRP 381M 1-QUANTITATIVE METHODS

Course number may be repeated for credit when the topics vary. Community and Regional Planning 381M (Topic 1) and 386 (Topic 2) may not both be counted. Restricted to students admitted to the Community and Regional Planning program.

• 01295	MW	930 - 1100	WMB 4.118	WEGMANN, J
• 01300	MW	1230 - 200P	WMB 4.118	WEGMANN, J

CRP 383 3-ENVIRONMENTAL IMPACT ASSMNT

Course number may be repeated for credit when the topics vary. Seminars and workshops on subjects including environmental and ecological analysis and planning topics. Workshops are based on active research or cooperation with public or private clients. Prerequisite: Graduate standing.

• 01305	MW	1100 - 1230P	WMB 4.118	PATERSON, R

4-DISAST/RESILNC: PLAN/RESPNS

Course number may be repeated for credit when the topics vary. Seminars and workshops on subjects including environmental and ecological analysis and planning topics. Workshops are based on active research or cooperation with public or private clients. Prerequisite: Graduate standing.

• 01310	W	300 - 600P	SUT 2.110	PATERSON, R

7-INTRO TO URBAN ECOLOGY

Course number may be repeated for credit when the topics vary. Seminars and workshops on subjects including environmental and ecological analysis and planning topics. Workshops are based on active research or cooperation with public or private clients. Prerequisite: Graduate standing.

• 01315	T	500 - 800P	WMB 4.118	LIEBERKNECHT, K

CRP 384 POLITCL ECON URBAN PLAN/POL

Course number may be repeated for credit when the topics vary. Neighborhood, city, and regional transportation policy and practice. Prerequisite: Graduate standing and consent of graduate adviser.

• 01320	W	600 - 900P	SUT 2.110	ODEN, M

9-TRNSPORTATN PLANNING/POLICY

Course number may be repeated for credit when the topics vary. Neighborhood, city, and regional transportation policy and practice. Community and Regional Planning 384 (Topic: Transportatn Planning/Policy) and 384 (Topic 9) may not both be counted. Prerequisite: Graduate standing and consent of graduate adviser.

• 01325	M	330 - 630P	SUT 2.114	SCIARA, G

CRP 685D PLANNING STUDIO

An integrative and comprehensive planning studio project course, involving application of theory, research, fieldwork, and oral, graphic, and written communication. With consent of the graduate adviser, may be repeated for credit. Prerequisite: Graduate standing.

• 01330	MWF	100 - 600P		

PLANNING STUDIO

Laboratory hour(s) to be arranged. An integrative and comprehensive planning studio project course, involving application of theory, research, fieldwork, and oral, graphic, and written communication. With consent of the graduate adviser, may be repeated for credit. Prerequisite: Graduate standing.

• 01335	TTH	200 - 500P		
• 01340	TTH	200 - 500P		

CRP 386 DESIGN OF NEW COMMUNITIES

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Quantitative and qualitative methods of planning analysis, spatial analysis and mapping, and visual communication techniques. Prerequisite: Graduate standing and consent of graduate adviser. meets with ARC 386M (TOPIC 7), ARC 327R (TOPIC 6), LAR 388.

• 01345	M	630 - 930P	BTL 101	ATKINSON, S

URBAN DESIGN HIST/THEORY/CRIT

Course number may be repeated for credit when the topics vary. Quantitative and qualitative methods of planning analysis, spatial analysis and mapping, and visual communication techniques. Prerequisite: Graduate standing and consent of graduate adviser. meets with LAR 388, ARC 327C, ARC 391C, URB 352.

• 01350	TTH	1230 - 200P	WMB 4.118	ALMY, D

8-RESEARCH DESIGN

Course number may be repeated for credit when the topics vary. Quantitative and qualitative methods of planning analysis, spatial analysis and mapping, and visual communication techniques. Prerequisite: Graduate standing and consent of graduate adviser.

• 01355	TTH	1230 - 200P	SUT 3.112	MUELLER, E

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course	unique	days	time	room	instructor

CRP 387C 5-URBAN AGRICULTURAL SYSTEMS
Course number may be repeated for credit when the topics vary. Policy and techniques for providing soft and hard urban infrastructure; infrastructure planning and analysis. Prerequisite: Graduate standing.
• 01360 TTH 930 - 1100 SUT 3.112 LIEBERKNECHT, K

CRP 388 CULTL LNDSCP AND ETHNOGR METHS
Course number may be repeated for credit when the topics vary. Planning and housing policies and programs related to production and access to housing; community strategies for meeting housing needs. Prerequisite: Graduate standing. meets with ARC 388R.
• 01365 TTH 1230 - 200P GOL 2.110 LOPEZ, S

3-AFFORDABLE HOUSING PLANNING
Course number may be repeated for credit when the topics vary. Planning and housing policies and programs related to production and access to housing; community strategies for meeting housing needs. Prerequisite: Graduate standing.
• 01370 W 500 - 800P SUT 2.112 MUELLER, E

CRP 389C PRESERVATION HISTORY & THEORY
Course number may be repeated for credit when the topics vary. Analysis of land use patterns, planning principles, and strategies for achieving sustainability goals, and private land development principles and practices. Prerequisite: Graduate standing. meets with ARC 388R (TOPIC 17).
• 01375 TH 200 - 500P SUT 2.114 HOLLERAN, M

REAL ESTATE PRACTICUM
Course number may be repeated for credit when the topics vary. Analysis of land use patterns, planning principles, and strategies for achieving sustainability goals, and private land development principles and practices. Prerequisite: Graduate standing. meets with ARC 386M, R E 389.
• 01380 TTH 1100 - 1230P RRH 5.420 HALLMAN, G

CRP 395C PLANNING STUDIO
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. An integrative and comprehensive planning studio project course, involving application of theory, research, fieldwork, and oral, graphic, and written communication. With consent of the graduate adviser, may be repeated for credit. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAS 381.
• 01385 T 500 - 800P WMB 3.116 SLETTO, B

CRP 396 INDEPENDENT RESEARCH IN CRP
Hour(s) to be arranged. Prerequisite: Graduate standing and consent of the graduate adviser.
• 01390

CRP 197 PLANNING INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Includes placement with a public or private planning agency, faculty supervision, and presentation of report. Prerequisite: Graduate standing and consent of the graduate adviser.
• 01395

CRP 397 PLANNING INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Includes placement with a public or private planning agency, faculty supervision, and presentation of report. Prerequisite: Graduate standing and consent of the graduate adviser.
• 01400

CRP 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in community and regional planning and consent of the graduate adviser; for 698B, Community and Regional Planning 698A.
• 01405

CRP 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in community and regional planning and consent of the graduate adviser; for 698B, Community and Regional Planning 698A.
• 01410

CRP 398R MASTER'S PROFESSIONAL REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in community and regional planning and consent of the graduate adviser.
• 01415

CRP 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 01420

CRP 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 01425

CRP 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 01430

CRP 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Community and Regional Planning 399R, 699R, or 999R.
• 01435

CRP 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Community and Regional Planning 399R, 699R, or 999R.
• 01440

CRP 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Community and Regional Planning 399R, 699R, or 999R.
• 01445

LAR 381 VISUAL COMMUNICATION I
Additional hour(s) to be arranged. Offered on the letter-grade basis only. An introduction to the study and application of graphic, representational, and communication skills. Prerequisite: Graduate standing and concurrent enrollment in Landscape Architecture 383.
• 01500 F 900 - 1200 GOL 4.114 HASBROUCK, H

LAR 383 LNDSCP ARCH DSGN STUDIO I
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Methods of survey, recording, interpretation, and representation of landscape. An introduction to design through examination of object, space, relationship, movement, the human condition, materiality, and ecology. Prerequisite: Graduate standing, concurrent enrollment in Landscape Architecture 381, and consent of graduate adviser.
• 01505 MWF 100 - 400P GOL 4.114 HASBROUCK, H

LAR 385K TECHNOLOGY WORKSHOP I
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Introduces the principles, processes, and practices of site manipulation, description, and construction techniques. Includes systems of measurement, grading, earthwork, site circulation, and site drainage, and examines the representation, application, and integration of site-related operations. Prerequisite: Graduate standing and consent of the graduate adviser.
• 01510 TTH 900 - 1100 GOL 4.114 DIAZ MONTEMAYOR, G

LAR 386 PROFESSIONAL PRACTICE
Ethical, legal, economic, and administrative processes and responsibilities of the landscape architect practitioner. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 362, ARC 382.
• 01515 TTH 530 - 700P GOL 3.120 SHULEY, K

LAR 388 DESIGN OF NEW COMMUNITIES
Course number may be repeated for credit when the topics vary. Seminars on advanced topics in history and theory, including analysis, readings, and critique of significant positions, practice, and discourse. Prerequisite: Graduate standing, and Landscape Architecture 388L or consent of the graduate adviser. meets with ARC 386M (TOPIC 7), ARC 327R (TOPIC 6), CRP 386.
• 01520 M 630 - 930P BTL 101 ATKINSON, S

HYBRIDITY IN LANDSCAPE/ARCH
Course number may be repeated for credit when the topics vary. Seminars on advanced topics in history and theory, including analysis, readings, and critique of significant positions, practice, and discourse. Prerequisite: Graduate standing, and Landscape Architecture 388L or consent of the graduate adviser. meets with ARC 342R (TOPIC 8), ARC 388R (TOPIC 8).
• 01525 T 200 - 500P BTL 101 BENES, M

URBAN DESIGN HIST/THEORY/CRIT
Course number may be repeated for credit when the topics vary. Seminars on advanced topics in history and theory, including analysis, readings, and critique of significant positions, practice, and discourse. Prerequisite: Graduate standing, and Landscape Architecture 388L or consent of the graduate adviser. meets with CRP 386, ARC 327C, ARC 391C, URB 352.
• 01530 TTH 1230 - 200P WMB 4.118 ALMY, D

LAR 388K HIST/THEORS OF LANDSCP ARCH I
Landscape architecture in formal, social, and cultural terms in the Western and Eastern worlds. Covers the development of ideas and principles related to context, designer, and text. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 395E, ARC 342E, URB 353.
• 01535 MW 1000 - 1130 GOL 3.120 BENES, M

LAR 694T LNDSCP ARCH DSGN STUDIO III
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Third core design studio that engages issues, theories, and methods central to the planning and design of large projects. Emphasis is given to the resolution of multiple interrelated objectives. Prerequisite: Graduate standing, Landscape Architecture 682T with a grade of at least C, credit or registration for Landscape Architecture 385M and 385N, and consent of the graduate adviser. meets with ARC 693K.
• 01540 MWF 100 - 600P GOL 4.114 SHEARER, A

LAR 696 ADVANCED DESIGN: LANDSCAPE
Course number may be repeated for credit when the topics vary. Elective studios offering students an opportunity to explore particular topics in landscape, often in collaboration with architecture and community and regional planning students. Prerequisite:

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Graduate standing, Landscape Architecture 695 with a grade of at least C, and consent of the graduate adviser.
• 01545 MWF 100 - 600P

LAR 197L LANDSCAPE ARCH PRACTICUM
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Restricted to students enrolled in the Master of Landscape Architecture First Professional Degree or Master of Landscape Architecture Post-Professional Degree programs. Prerequisite: Graduate standing and consent of the graduate adviser.
• 01550

LAR 397L LANDSCAPE ARCH PRACTICUM
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Restricted to students enrolled in the Master of Landscape Architecture First Professional Degree or Master of Landscape Architecture Post-Professional Degree programs. Prerequisite: Graduate standing and consent of the graduate adviser.
• 01555

RED McCOMBS SCHOOL OF BUSINESS

Business Administration - B A

B A 001F FIRST-YEAR INTEREST GROUP SMNR
Restricted enrollment; contact the department for permission to register for this class. Basic issues in various McCombs School of Business disciplines. Restricted to students in the First-Year Interest Group Program.
• 01610 W 300 - 430P GSB 2.126 HOLMAN, T

B A 101H PROF DEVEL & CAREER PLAN: HON
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Professional development issues including self-assessment, identification of personal life goals, identification of business majorsand exploration of potential career fields for each major, and analysis and discussion of the academic planning process and how it relates to professional development and career planning. Only one of the following may be counted: Business Administration 101H, 101S, 101T. Restricted to students admitted to the McCombs School of Business HonorsProgram.
• 01615 M 400 - 530P GSB 2.124 FENLEY, G

B A 101T PROF DEVLOP/CAREER PLANNING
Designed to accommodate 100 or more students. Offered on the letter-grade basis only. Discussion of issues surrounding career planning, implementation, and evaluation. Only one of the following may be counted: Business Administration 101H, 101S, 101T. Restricted to transfer students in the McCombs School of Business.
• 01620 T 800 - 930 UTC 3.110 EHRISMAN, M

PROF DEVLOP/CAREER PLANNING
Offered on the letter-grade basis only. Discussion of issues surrounding career planning, implementation, and evaluation. Only one of the following may be counted: Business Administration 101H, 101S, 101T. Restricted to transfer students in the McCombs School of Business.
• 01625 T 330 - 500P GSB 2.126 FENNEWALD, E

PROF DEVLOP/CAREER PLANNING
Designed to accommodate 100 or more students. Offered on the letter-grade basis only. Discussion of issues surrounding career planning, implementation, and evaluation. Only one of the following may be counted: Business Administration 101H, 101S, 101T. Restricted to transfer students in the McCombs School of Business.
• 01630 W 330 - 500P UTC 3.112 GIAMBALVO, G

B A 018H BUSN HONORS PROGRAM SMNR
May be repeated for credit. Basic issues in various interdisciplinary and business fields of study. Fulfills the criteria for a 360 Connection. May not be counted toward the Bachelor of Business Administration degree. Restricted to students admitted to the McCombs School of Business HonorsProgram.
• 01635 T 330 - 430P CANTU, S
• 01640 W 400 - 530P MEZ 1.306 CANTU, S

B A 324 BUSN COMM: ORAL AND WRITTEN
Offered on the letter-grade basis only. Theory and practice of effective communication, using models from business situations. Students practice what they learn with a variety ofin-class activities, written assignments, and oral presentations. Teamwork and use of interpersonal skills are included. Business Administration 324 and 324H may not both be counted. Restricted to students in the McCombs School of Business. Prerequisite: English 303C or 603A, or Rhetoric and Writing 306 or 306Q or 309K, or Tutorial Course 303C or 603A; and credit or registration forBusiness Administration 101H or 101S or 101T.
• 01645 MW 800 - 930 CBA 4.332 GOINS, E
• 01650 MWF 800 - 900 CBA 4.322 BARRETT, M
• 01655 TTH 800 - 930 CBA 4.322 PRYOR, T
• 01660 MWF 900 - 1000 CBA 4.322 BARRETT, M
• 01665 TTH 930 - 1100 CBA 4.322 GOINS, E
• 01670 MWF 1000 - 1100 CBA 4.322 LINDSAY, T
• 01675 MWF 1100 - 1200 CBA 4.322 LINDSAY, T
• 01680 TTH 1100 - 1230P CBA 4.322 PRYOR, T
• 01685 MWF 1200 - 100P CBA 4.322 CARROLL, R
• 01690 MW 1230 - 200P CBA 4.304 MURPHY, M
• 01695 TTH 1230 - 200P CBA 4.322 PRYOR, T
• 01700 MWF 100 - 200P CBA 4.322 CARROLL, R
• 01705 MW 200 - 330P CBA 4.324 MURPHY, M
• 01710 MWF 200 - 300P CBA 4.322 LINDSAY, T
• 01715 TTH 200 - 330P CBA 4.322 PRYOR, T
• 01720 MW 330 - 500P CBA 4.322 CARROLL, R
• 01725 MW 330 - 500P CBA 4.324 MURPHY, M
• 01730 MW 330 - 500P CBA 5.330
• 01735 TTH 330 - 500P CBA 4.322

B A 324H BUSN COMM: ORAL/WRIT: HON
Offered on the letter-grade basis only. Theory and practice of effective communication, using models from business situations. Students practice what they learn with a variety ofin-class activities, written assignments, and oral presentations. Teamwork and use of interpersonal skills are included. Business Administration 324 and 324H may not both be counted. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: English 303C or 603A, Rhetoric and Writing 306, 306Q, 309K, or Tutorial Course 303C or 603A; and Business Administration 101H or 101S, or credit or registration for Business Administration 101T.
• 01740 MW 200 - 330P CBA 4.304 GOINS, E

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course	unique	days	time	room	instructor

B A 151H HONORS LYCEUM IN BUSN ADMIN

May be repeated for credit. Presentations by professionals from various fields of business. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Business Administration 101H or 101S, or credit or registration for Business Administration 101T.

• 01745	W	400 - 530P	GSB 2.124	PRENTICE, R

B A 353 INTERNSHIP BUSINESS ADMIN-WB

Hour(s) to be arranged. Offered on the pass/fail basis only. Provides a format for reflection during a professional internship, resulting in improved ability to both articulate preferences and skills,and to match them with appropriate career-related choices. Only one of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 353J, Business Administration 353, 353H, Finance 353, Management 353, Management Information Systems 353, Marketing 353, Operations Management 353. May not be counted toward the student's major requirement. Restricted to students in a business major. Prerequisite: Completion of forty-five semester hours of college coursework and consent of the BBA Internship Director. Taught as a Web-based course.

• 01750					TOPRAC, H
• 01755					TOPRAC, H
• 01760					TOPRAC, H
• 01765					TOPRAC, H
• 01770					TOPRAC, H
• 01775					TOPRAC, H
• 01780					TOPRAC, H
• 01785					TOPRAC, H
• 01790					TOPRAC, H
• 01795					TOPRAC, H
• 01800					TOPRAC, H

B A 280N OPERATIONS MANAGEMENT-I

Offered on the letter-grade basis only. An introduction to the issues and decisions involved in the production of goods and services. Focuses on designing, operating, controlling, and improving the systems that accomplish production. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program. Class meets October 17-December 5. Mandatory exams December 13-14. meets with B A 285T.

• 01805	MW	800 - 1000	RRH 4.416	FREUND, R

OPERATIONS MANAGEMENT-II

Offered on the letter-grade basis only. An introduction to the issues and decisions involved in the production of goods and services. Focuses on designing, operating, controlling, and improving the systems that accomplish production. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program. Class meets October 17-December 5. Mandatory exams held December 13-14. meets with B A 285T.

• 01810	MW	1000 - 1200	RRH 4.416	FREUND, R

OPERATIONS MANAGEMENT-III

Offered on the letter-grade basis only. An introduction to the issues and decisions involved in the production of goods and services. Focuses on designing, operating, controlling, and improving the systems that accomplish production. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort III students in the MBA program. Class meets October 17-December 5. Mandatory exams December 13-14.

• 01815	TTH	800 - 1000	RRH 4.416	FREUND, R

OPERATIONS MANAGEMENT-IV

Offered on the letter-grade basis only. An introduction to the issues and decisions involved in the production of goods and services. Focuses on designing, operating, controlling, and improving the systems that accomplish production. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort IV students in the MBA program. Class meets October 17-December 5. Mandatory exams December 13-14.

• 01820	TTH	1000 - 1200	RRH 4.416	FREUND, R

B A 380N OPERATIONS MANAGEMENT-EMBA

Hour(s) to be arranged. Offered on the letter-grade basis only. An introduction to the issues and decisions involved in the production of goods and services. Focuses on designing, operating, controlling, and improving the systems that accomplish production. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program. Mandatory seminar August 15-18. Class meets August 31-December 1.

• 01825

B A 380S MANAGERIAL ECONOMICS-I

Offered on the letter-grade basis only. Microeconomic and macroeconomic forces that influence an organization's decisions: interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program. Mandatory orientation August 6-17.

• 01830	TTH	800 - 930	RRH 3.406	CORONADO, J

MANAGERIAL ECONOMICS-II

Offered on the letter-grade basis only. Microeconomic and macroeconomic forces that influence an organization's decisions: interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program. Mandatory orientation August 6-17.

• 01835	TTH	1000 - 1130	RRH 3.406	CORONADO, J

MANAGERIAL ECONOMICS-III

Offered on the letter-grade basis only. Microeconomic and macroeconomic forces that influence an organization's decisions: interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort III students in the MBA program. Mandatory orientation August 6-17.

• 01840	MW	1000 - 1130	RRH 3.406	CORONADO, J

MANAGERIAL ECONOMICS-IV

Offered on the letter-grade basis only. Microeconomic and macroeconomic forces that influence an organization's decisions: interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort IV students in the MBA program. Mandatory orientation August 6-17.

• 01845	MW	800 - 930	RRH 3.406	CORONADO, J

MANAGERIAL ECONOMICS-MEX

Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Microeconomic and macroeconomic forces that influence an organization's decisions: interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program in Mexico City. Class meets abroad August 24-December 8. Faculty-led Abroad Program taught at Tecnologico de Monterrey-Campus Santa Fe in Mexico City, Mexico. Stude nts must consult with department as travel and orientation dates may be in addition to these dates.

• 01850					GUTIERREZ, G

MANAGERIAL ECONOMICS-MSF

Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Microeconomic and macroeconomic forces that influence an organization's decisions: interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Master of Science in Finance program.

• 01855	MW	1230 - 200P	GSB 3.138	SADLER, M

B A 181C STRATEGIC CAREER PLANNING-I

Offered on the credit/no credit basis only. Issues surrounding career planning, including exploration and implementation. Professional development issues, including self-assessment. Restricted to first-year students in the MBA program. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program. Mandatory orientation August 6-17. Class meets August 27-October 8 and October 23-December 4.

• 01860	M	100 - 300P	GSB 3.130	RUDNICK, S
	T	100 - 200P	GSB 3.130	

STRATEGIC CAREER PLANNING-II

Offered on the credit/no credit basis only. Issues surrounding career planning, including exploration and implementation. Professional development issues, including self-assessment. Restricted to first-year students in the MBA program. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program. Mandatory orientation August 6-17. Class meets August 27-October 8 and October 23-December 4.

• 01865	M	100 - 300P	GSB 3.138	MASSON, S
	T	100 - 200P	GSB 3.138	

STRATEGIC CAREER PLANNING-III

Offered on the credit/no credit basis only. Issues surrounding career planning, including exploration and implementation. Professional development issues, including self-assessment. Restricted to first-year students in the MBA program. Prerequisite: Graduate standing. Restricted to cohort III students in the MBA program. Mandatory orientation August 6-17. Class meets August 28-October 9 and October 23-December 4.

• 01870	T	100 - 300P	GSB 3.130	RUDNICK, S

STRATEGIC CAREER PLANNING-IV

Offered on the credit/no credit basis only. Issues surrounding career planning, including exploration and implementation. Professional development issues, including self-assessment. Restricted to first-year students in the MBA program. Prerequisite: Graduate standing. Restricted to cohort IV students in the MBA program. Mandatory orientation August 6-17. Class meets August 28-October 9 and October 23-December 4.

• 01875	T	100 - 300P	GSB 3.138	MASSON, S

B A 281T MARKETING MANAGEMENT-I

Offered on the letter-grade basis only. An introduction to the marketing perspective on strategy development and to the elements of marketing analysis. Includes the functional decision areas of the marketing manager, such as products and product lines, pricing policies, branding, promotion and advertising, and channels of distribution, and how organizations use these components to create, capture, and sustain value for the firm. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program. Class meets October 17-December 10. Mandatory exams December 13-14.

• 01880	TTH	1000 - 1200	RRH 4.408	GERSHOFF, A

MARKETING MANAGEMENT-II

Offered on the letter-grade basis only. An introduction to the marketing perspective on strategy development and to the elements of marketing analysis. Includes the functional decision areas of the marketing manager, such as products and product lines, pricing policies, branding, promotion and advertising, and channels of distribution, and how organizations use these components to create, capture, and sustain value for the firm. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program. Class meets October 17-December 10. Mandatory exams December 13-14.

• 01885 TTH 800 - 1000 RRH 4.408 GERSHOFF, A

MARKETING MANAGEMENT-III

Offered on the letter-grade basis only. An introduction to the marketing perspective on strategy development and to the elements of marketing analysis. Includes the functional decision areas of the marketing manager, such as products and product lines, pricing policies, branding, promotion and advertising, and channels of distribution, and how organizations use these components to create, capture, and sustain value for the firm. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort III students in the MBA program. Class meets October 17-December 10. Mandatory exams December 13-14.

• 01890 TTH 800 - 1000 RRH 4.314 SONNIER, G

MARKETING MANAGEMENT-IV

Offered on the letter-grade basis only. An introduction to the marketing perspective on strategy development and to the elements of marketing analysis. Includes the functional decision areas of the marketing manager, such as products and product lines, pricing policies, branding, promotion and advertising, and channels of distribution, and how organizations use these components to create, capture, and sustain value for the firm. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort IV students in the MBA program. Class meets October 17-December 10. Mandatory exams December 13-14.

• 01895 TTH 1000 - 1200 RRH 4.314 SONNIER, G

MARKETING MANAGEMENT-TEMBA

Offered on the letter-grade basis only. An introduction to the marketing perspective on strategy development and to the elements of marketing analysis. Includes the functional decision areas of the marketing manager, such as products and product lines, pricing policies, branding, promotion and advertising, and channels of distribution, and how organizations use these components to create, capture, and sustain value for the firm. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Texas Evening MBA program. Class meets October 15-December 3.

• 01900 M 600 - 915P RRH 4.416 BRISTER, S

B A 381T MARKETING MANAGEMENT-EMBA

Hour(s) to be arranged. Offered on the letter-grade basis only. An introduction to the marketing perspective on strategy development and to the elements of marketing analysis. Includes the functional decision areas of the marketing manager, such as products and product lines, pricing policies, branding, promotion and advertising, and channels of distribution, and how organizations use these components to create, capture, and sustain value for the firm. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program. Class meets August 15-December 1.

• 01905 BENTZIN, B

MARKETING MANAGEMENT-MEX

Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. An introduction to the marketing perspective on strategy development and to the elements of marketing analysis. Includes the functional decision areas of the marketing manager, such as products and product lines, pricing policies, branding, promotion and advertising, and channels of distribution, and how organizations use these components to create, capture, and sustain value for the firm. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program in Mexico City. Class meets August 24-December 9. Faculty-led Abroad Program taught at Tecnologico de Monterrey-Campus Santa Fe in Mexico City, Mexico. Students mus t consult with department as travel and orientation dates may be in addition to these dates.

• 01910 JAIN, K

B A 382T MANAGERIAL ACCOUNTING-MEX

Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. An investigation of the conceptual and operational relationship of planning and control with management and accounting information systems. Topics include data collection and analysis for short-range and long-range organizational decisions. Only one of the following may be counted: Accounting 329, 359, 287 (Topic 1), 287 (Topic 5), 387 (Topic 1), 387 (Topic 5) Business Administration 182T, 282T, 382T. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program in Mexico City. Class meets August 24-December 10. Faculty-led Abroad Program taught at Tecnologico de Monterrey-Campus Santa Fe in Mexico City, Mexico. Students mu st consult with department as travel and orientation dates may be in addition to these dates.

• 01915 MCGUIRE, J

B A 284T FINANCIAL ACCOUNTING-I

Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program. Class meets August 21-October 8. Mandatory exams October 11-12, 15-16.

• 01920 TTH 1000 - 1200 RRH 4.408 WHITE, B

FINANCIAL ACCOUNTING-I-DAL

Hour(s) to be arranged. Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Dallas. Mandatory orientation July 30-August 5 at AT&T Executive Education and Conference Center in Austin, TX. Class meets August 24-September 28. Taught at UT S outhwestern Medical Center in Dallas, Texas.

• 01925 HIRST, D

FINANCIAL ACCOUNTING-I-HOU

Hour(s) to be arranged. Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Houston. Mandatory orientation July 30-August 5 at AT&T Executive Education and Conference Center in Austin, Texas. Class meets August 24-September 28. Taught at UT Health Sciences Center in Houston, Texas.

• 01930 WHITE, B

FINANCIAL ACCOUNTING-II

Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program. Class meets August 21-October 16. Mandatory exams held October 11-12, 15-16.

• 01935 TTH 800 - 1000 RRH 4.408 WHITE, B

FINANCIAL ACCOUNTING-II-DAL

Hour(s) to be arranged. Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Dallas. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 24-September 28. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 01940 HIRST, D

FINANCIAL ACCOUNTING-II-HOU

Hour(s) to be arranged. Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Houston. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 24-September 28. Taught at UT Health Sciences Center in Houston, Texas.

• 01945 WHITE, B

FINANCIAL ACCOUNTING-III

Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort III students in the MBA program. Class meets August 21-October 8. Mandatory exams held October 11-12, 15-16.

• 01950 MW 800 - 1000 RRH 4.408 WHITE, B

FINANCIAL ACCOUNTING-IV

Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort IV students in the MBA program. Class meets August 21-October 8. Mandatory exams held October 11-12, 15-16.

• 01955 MW 1000 - 1200 RRH 4.408 WHITE, B

B A 384T FINANCIAL ACCOUNTING-EMBA

Hour(s) to be arranged. Offered on the letter-grade basis only. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program. Mandatory seminar August 12-17. Class meets August 31-December 1.

• 01960 JENNINGS, R

course unique days time room instructor

FINANCIAL ACCOUNTING-MEX
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. An examination of the information needs of capital market participants in a dynamic and complex socioeconomic system; emphasis on interpretation, measurement, and disclosure of economic events. Accounting 381 and Business Administration 184T, 284T, 384T may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program in Mexico City. Class meets August 24-December 1. Mandatory exams held December 7-11. Faculty-led Abroad Program taught at Tecnologico de Monterrey-Campus Santa Fe in Mexico City, Mexico. Students must consult with department as travel and orientation dates may be in addition to these dates.
• 01965

B A 285T FINANCIAL MANAGEMENT-I
Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program. Class meets August 20-October 8. meets with B A 280N.
• 01970 MW 800 - 1000 RRH 4.416 SIALM, C

FINANCIAL MANAGEMENT-I-DAL
Hour(s) to be arranged. Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Dallas. Class meets October 12-December 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 01975 SIALM, C

FINANCIAL MANAGEMENT-I-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Houston. Class meets October 12-December 1. Taught at UT Health Sciences Center in Houston, Texas.
• 01980 LEEDS, S

FINANCIAL MANAGEMENT-II
Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program. Mandatory orientation August 6-17. Class meets August 21-October 16. meets with B A 280N.
• 01985 MW 1000 - 1200 RRH 4.416 SIALM, C

FINANCIAL MANAGEMENT-II-DAL
Hour(s) to be arranged. Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Dallas. Class meets October 12-December 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 01990 SIALM, C

FINANCIAL MANAGEMENT-II-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Houston. Class meets October 12-December 1. Taught at UT Health Sciences Center in Houston, Texas.
• 01995 LEEDS, S

FINANCIAL MANAGEMENT-III
Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort III students in the MBA program. Mandatory orientation August 6-17. Class meets August 21-October 9. Mandatory exams October 11, 12, 15, and 16.
• 02000 TTH 800 - 1000 RRH 4.416 SIALM, C

FINANCIAL MANAGEMENT-IV
Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort IV students in the MBA program. Mandatory orientation August 6-17. Class meets August 21-October 9. Mandatory exams October 11, 12, 15, and 16.
• 02005 TTH 1000 - 1200 RRH 4.416 SIALM, C

B A 385T FINANCIAL MANAGEMENT
Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the MS in Information Technology and Management program.
• 02010 MW 930 - 1100 GSB 3.106 LENDECKY, B

course unique days time room instructor

FINANCIAL MANAGEMENT-MPA
Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the MPA program.
• 02015 MW 800 - 930 GSB 3.106 LEEDS, S

FINANCIAL MANAGEMENT-MSBA
Offered on the letter-grade basis only. An exploration of concepts and techniques employed in investment decision making, working capital management, and financing the activities of a business. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Master of Science Business Analytics program.
• 02020 MW 1100 - 1230P GSB 3.130 LAUX, V

B A 286T STATISTICS-I
Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program. Class meets August 20-October 8. Mandatory exams October 11, 12, 15, and 16.
• 02025 MW 800 - 1000 RRH 4.314 CARVALHO, C

STATISTICS-I-DAL
Hour(s) to be arranged. Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Dallas. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 25-September 29. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 02030

STATISTICS-I-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Houston. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 25-September 29. Taught at UT Health Sciences Center in Houston, Texas.
• 02035

STATISTICS-II
Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program. Class meets August 21-October 16.
• 02040 MW 1000 - 1200 RRH 4.314 CARVALHO, C

STATISTICS-II-DAL
Hour(s) to be arranged. Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Dallas. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 25-September 29. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 02045

STATISTICS-II-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in MBA program in Houston. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 25-September 29. Taught at UT Health Sciences Center in Houston, Texas.
• 02050

STATISTICS-III
Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort III students in the MBA program. Class meets August 21-October 9. Mandatory exams October 11, 12, 15, and 16.
• 02055 TTH 800 - 1000 RRH 4.314 SHIVELY, T

STATISTICS-IV
Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort IV students in the MBA program. Class meets August 21-October 9. Mandatory exams October 11, 12, 15, and 16.
• 02060 TTH 1000 - 1200 RRH 4.314 SHIVELY, T

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STATISTICS-MSF
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Master of Science in Finance Program. Class meets August 28-October 15. Mandatory exams October 16-19.
• 02065 MW 230 - 430P GSB 3.104 CARVALHO, C

B A 386T STATISTICS-EMBA
Hour(s) to be arranged. Offered on the letter-grade basis only. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program. Class meets August 15-December 1.
• 02070

STATISTICS-MEX
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. A unified approach to basic concepts in collection, analysis, and interpretation of data, emphasizing capabilities of different statistical methods and business applications. Students use statistical software packages. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Executive MBA program in Mexico City. Class meets August 24-December 12. Faculty-led Abroad Program taught at Tecnologico de Monterrey-Campus Santa Fe in Mexico City, Mexico. Students mu st consult with department as travel and orientation dates may be in addition to these dates.
• 02075

B A 388T STRATEGIC MANAGEMENT-I-DAL
Hour(s) to be arranged. Offered on the letter-grade basis only. Designed to help students develop a general management orientation. Subjects include the role of the general manager, formulating business and corporate-level strategy, managing strategic change, strategy implementation, and developing general managers. Business Administration 188T, 288T, 388T and Management 385 (Topic 49: Strategic Management) may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Dallas. Mandatory orientation August 5-10. Class meets August 24-December 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 02080

STRATEGIC MANAGEMENT-I-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Designed to help students develop a general management orientation. Subjects include the role of the general manager, formulating business and corporate-level strategy, managing strategic change, strategy implementation, and developing general managers. Business Administration 188T, 288T, 388T and Management 385 (Topic 49: Strategic Management) may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Houston. Mandatory orientation August 5-10. Class meets August 24-December 1. Taught at UT Health Sciences Center in Houston, Texas.
• 02085

STRATEGIC MANAGEMENT-II-DAL
Hour(s) to be arranged. Offered on the letter-grade basis only. Designed to help students develop a general management orientation. Subjects include the role of the general manager, formulating business and corporate-level strategy, managing strategic change, strategy implementation, and developing general managers. Business Administration 188T, 288T, 388T and Management 385 (Topic 49: Strategic Management) may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Dallas. Mandatory orientation August 5-10. Class meets August 24-December 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 02090

STRATEGIC MANAGEMENT-II-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Designed to help students develop a general management orientation. Subjects include the role of the general manager, formulating business and corporate-level strategy, managing strategic change, strategy implementation, and developing general managers. Business Administration 188T, 288T, 388T and Management 385 (Topic 49: Strategic Management) may not both be counted. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Houston. Mandatory orientation August 5-10. Class meets August 24-December 1. Taught at UT Health Sciences Center in Houston, Texas.
• 02095

B A 191 1-SPEC STDS: FINANCE
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02100

1-SPEC STDS: FINANCE-MSF
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Science in Finance Program.
• 02105
• 02110

4-SPEC STDS: RISK MANAGEMENT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02115

B A 291 4-SPEC STDS: RISK MANAGEMENT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02120

B A 391 SPEC STDS B A: MGMT INFO SYS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02125

SPEC STDS: INTEGR IND STD-MSF
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Science in Finance Program.
• 02130

SPEC STDS: OPERATIONS MNGMNT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02135

SPEC STUDIES: BGS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02140

1-SPEC STDS: FINANCE
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02145

2-SPEC STDS: MANAGEMENT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02150

3-SPEC STDS: REAL ESTATE
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02155

4-SPEC STDS: RISK MANAGEMENT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02160

6-SPEC STDS: MARKETING
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02165

B A 691 SPEC STDS B A: MGMT INFO SYS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02170

SPEC STDS: OPERATIONS MNGMNT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02175

1-SPEC STDS: FINANCE
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02180

2-SPEC STDS: MANAGEMENT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02185

3-SPEC STDS: REAL ESTATE
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02190

4-SPEC STDS: RISK MANAGEMENT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02195

5-SPEC STDS: ACCOUNTING
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02200

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course	unique	days	time	room	instructor

6-SPEC STDS: MARKETING
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.

	• 02205				

B A 398T SUPV TEACH IN BUSINESS ADMIN
Teaching in the McCombs School of Business for two semesters under the close direction of the course instructor or supervisor; weekly group meetings with the instructor, individual consultations, and reports throughout the teaching period. Prerequisite: Graduate standing, approval of the department chair and the dean, and appointment as a teaching assistant.

	• 02210	W	900 - 1200	GSB 5.154	DUKERICH, J

DEPARTMENT OF ACCOUNTING

Accounting - ACC

ACC 310F FOUNDATIONS OF ACCOUNTING
An introduction to financial and managerial accounting, with emphasis on the content, interpretation, and uses of accounting reports. Discussion of the determination and reporting of net income and financial position, and the theories underlying business financial statements; consideration of managerial accounting topics designed to extend the student's knowledge to the planning and controlling of the operations of the firm. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors.

	• 02265	TTH	1230 - 200P	UTC 2.102A	VERDUZCO, D
	• 02270	TTH	200 - 330P	UTC 2.102A	VERDUZCO, D
	• 02275	TTH	330 - 500P	UTC 2.102A	VERDUZCO, D

FOUNDATIONS OF ACCOUNTING-WB
Hour(s) to be arranged. An introduction to financial and managerial accounting, with emphasis on the content, interpretation, and uses of accounting reports. Discussion of the determination and reporting of net income and financial position, and the theories underlying business financial statements; consideration of managerial accounting topics designed to extend the student's knowledge to the planning and controlling of the operations of the firm. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Taught as a Web-based course. Students are encouraged to visit https://my.mccombs.utexas.edu/My/BBA/Registration/Web-Based-Classes to learn more about the course structure and requirements for this class. Additional details provided in the class syllabus.

	• 02280				WANG, M
	• 02285				WANG, M

ACC 311 FUNDAMENTALS OF FINANCIAL ACC
Offered on the letter-grade basis only. Concepts and their application in transaction analysis and financial statement preparation; analysis of financial statements. Accounting 311 and 311H may not both be counted. Restricted to students in the McCombs School of Business. Prerequisite: Twenty-four semester hours of college credit, including Economics 304K.

	• 02290	MW	330 - 500P	UTC 1.102	ALLEN, M
	• 02295	MW	800 - 930	UTC 4.102	KAMAS, J
	• 02300	MW	930 - 1100	UTC 4.102	KAMAS, J
	• 02305	MW	1100 - 1230P	UTC 1.144	SPILLER, W
	• 02310	MW	200 - 330P	UTC 4.102	SPILLER, W
	• 02315	TTH	1100 - 1230P	UTC 4.104	SMITH, S
	• 02320	MW	1230 - 200P	UTC 1.102	KAMAS, J
	• 02325	MW	1230 - 200P	UTC 3.132	DORDZHIEVA, A
	• 02330	MW	330 - 500P	UTC 4.102	SPILLER, W
	• 02335	TTH	1230 - 200P	UTC 4.104	SMITH, S
	• 02340	TTH	200 - 330P	UTC 4.104	JOHNSTON-BLAIR, D
	• 02345	MW	330 - 500P	UTC 3.102	DORDZHIEVA, A
	• 02350	TTH	330 - 500P	UTC 4.104	JOHNSTON-BLAIR, D
	• 02355	MW	500 - 630P	UTC 3.102	DORDZHIEVA, A

ACC 311H FUNDMNTLS OF FIN ACC: HON
Offered on the letter-grade basis only. An exploration of concepts and their application in transaction analysisand financial statement preparation; and analysis of financial statements. Accounting 311 and 311H may not both be counted. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Twenty-four semester hours of college credit including Economics 304K, Management Information Systems 301 or its equivalent, and credit or registration for Business Administration 324H.

	• 02360	TTH	930 - 1100	CBA 5.328	CHARRIER, G
	• 02365	TTH	1100 - 1230P	CBA 5.328	CHARRIER, G
	• 02370	TTH	1230 - 200P	CBA 5.328	CHARRIER, G

ACC 312 FUNDAMENTALS OF MANAGERIAL ACC
Offered on the letter-grade basis only. Introduction to cost behavior, budgeting, responsibility accounting, cost control, and product costing. Accounting 312 and 312H may not both be counted. Restricted to students in the McCombs School of Business. Prerequisite: Accounting 311 or 311H.

	• 02375	MW	1100 - 1230P	UTC 4.102	LENDECKY, B
	• 02380	MW	1230 - 200P	UTC 4.102	LENDECKY, B
	• 02385	TTH	1100 - 1230P	UTC 4.102	LENDECKY, B
	• 02390	TTH	1230 - 200P	UTC 4.102	LENDECKY, B

ACC 326 FINANCIAL ACC-INTERMEDIATE
Offered on the letter-grade basis only. Theoretical foundation, concepts, and principles underlying financial statements; current assets; current liabilities; property, plant, and equipment; short-term investments; present value analysis. Accounting 326 and 380K (Topic 1: Financial Accounting Standards and Analysis I) may not both be counted. Restricted to students in a business major. Prerequisite: Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each; and Finance 357 or 357H.

	• 02395	MW	800 - 930	GSB 2.120	
	• 02400	MW	800 - 930	UTC 3.110	MOORE, S
	• 02405	MW	930 - 1100	UTC 3.110	MOORE, S
	• 02410	TTH	930 - 1100	UTC 1.146	DONELSON, D
	• 02415	MW	1100 - 1230P	GSB 2.120	

ACC 327 FINANCIAL STATEMENT ANALYSIS
Study of financial statements and their related footnotes; tools and procedures common to financial statement analysis; the relationships among business transactions, environmental forces (political, economic, and social), and reported financial information; and how financial statement information can help solve certain business problems. Accounting 327 and 380K (Topic 7: Financial Statement Analysis) may not both be counted. Restricted to students in a business major. Prerequisite: Accounting 326 with a grade of at least C-.

	• 02420	TTH	200 - 300P	UTC 1.146	ZHAO, W
	• 02425	TTH	330 - 500P	UTC 1.146	ZHAO, W

ACC 329 MANAGERIAL ACC AND CONTROL
The origination, processing, reporting, and use in business operations of accounting information for management purposes. Only one of the following may be counted: Business Administration 382T, Accounting 329, 359, 387 (Topic 1), 287 (Topic 5). Restricted to students in a business major. Prerequisite: Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each.

	• 02430	TTH	1100 - 1230P	UTC 3.110	ATIASE, R
	• 02435	TTH	1230 - 200P	UTC 3.110	ATIASE, R

ACC 151 ACCOUNTING CAREERS EXPLORATION
Offered on the letter-grade basis only. Presentations by professional accountants and managers. Restricted to students admitted to the integrated approach to the Master in Professional Accounting.

	• 02440	W	500 - 630P	UTC 2.102A	FRANKLIN, J

ACC 152 MPA DISTINGUISHED SPKR LYCEUM
Offered on the pass/fail basis only. Discussion of current issues confronting the accounting profession. Restricted to students admitted to the integrated approach to the Master in Professional Accounting. meets with ACC 180C.

	• 02445	T	530 - 700P	UTC 2.102A	SMITH, S

ACC 355 INTRODUCTION TO TAXATION
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. The role of taxes in contemporary society and their impact on individuals and business. Only one of the following may be counted: Accounting 355, 364, 380K (Topic 11: Introduction to Taxation). Restricted to students admitted to the integrated approach to the Masterin Professional Accounting. meets with ACC 380K (TOPIC 11).

	• 02450	MW	800 - 930	GSB 3.138	WILLIAMS, B
	• 02455	MW	930 - 1100	GSB 3.138	WILLIAMS, B
	• 02460	MW	1230 - 200P	UTC 4.104	WILLIAMS, B

ACC 356 FINANCIAL ACC CONCEPTS & RSCH
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Conceptual framework of financial accounting; research methods in financial reporting; and financial reporting institutions and regulations. Restricted to students admitted to the integrated approach to the Masterin Professional Accounting.

	• 02465	TTH	800 - 930	GSB 3.130	TOYNBEE, S
	• 02470	TTH	930 - 1100	GSB 3.130	TOYNBEE, S
	• 02475	TTH	1100 - 1230P	GSB 3.130	TOYNBEE, S
	• 02480	MW	200 - 330P	GSB 2.120	BADOLATO, P
	• 02485	MW	330 - 500P	GSB 2.120	BADOLATO, P

ACC 358C AUDITING AND ASSURANCE SERVS
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Information quality assurance, auditing, and control, considered from the perspective of a business manager who must decide the type and amount of assurance to acquire. Only one of the following may be counted: Accounting 358C, 362, 380K (Topic 4). Restricted to students admitted to the integrated approach to the Master in Professional Accounting. Prerequisite: Accounting 356 or the equivalent. meets with ACC 380K (TOPIC 4).

	• 02490	TTH	930 - 1100	UTC 1.116	JOHANNS, J

ACC 359 MANAGERIAL/COST ACCOUNTING
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Analysis of manufacturing costs, development of cost estimates, and preparation of relevant information for management decision making. Only one of the following may be counted: Accounting 329, 359, 287 (Topic 5), 287 (Topic 1), 387 (Topic 1), 387 (Topic 5), Business Administration 382T. Restricted to students admitted to the integrated approach to the Master in Professional Accounting. meets with ACC 387 (TOPIC 1).

	• 02495	TTH	1100 - 1230P	UTC 1.146	LAUX, V
	• 02500	TTH	200 - 330P	GSB 2.120	LAUX, V
	• 02505	TTH	330 - 500P	GSB 2.120	LAUX, V

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ACC 362 AUDITING AND CONTROL

Professional practice standards and procedures of auditing: ethics, legal liability, sampling methods, control systems, control design, and control evaluation. Only one of the following may be counted: Accounting 358C, 362, 380K (Topic 4). Restricted to students in a business major. Prerequisite: Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each.

• 02510 TTH 800 - 930 UTC 1.116 JOHANNS, J

ACC 364 FUNDAMENTALS OF TAXATION

Introduction to the role of taxes in contemporary society and their impact on individuals and business entities; emphasis on federal income taxation. Only one of the following may be counted: Accounting 355, 364, 380K (Topic 11: Introduction to Taxation). Restricted to students in a business major. Prerequisite: Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each.

• 02515 MW 200 - 330P UTC 1.102 ALLEN, M

ACC 378 2-PETROLEUM ACC: PRIN/PROC/ISS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Exposure to upstream oil and gas operations and reserves, and industry accounting practices. Only one of the following may be counted: Accounting 178 (Topic 2), 278 (Topic 2), 378 (Topic 2), 378 (Topic: Accounting/Tax for Mineral Industry), 180K (Topic 8), 280K (Topic 8), 380K (Topic 8). Restricted to students in a business major. Restricted to business majors. Prerequisite: Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each; additional prerequisites vary with the topic. meets with ACC 380K (TOPIC 8).

• 02520 TTH 200 - 330P UTC 3.110 HAYS, J
• 02525 TTH 330 - 500P UTC 3.110 HAYS, J

5-TAXATION REAL ESTATE INVEST

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Exposure to accounting practices in the real estate industry. Only one of the following may be counted: Accounting 378 (Topic: Taxation of Real Estate Invest), 178 (Topic 5), 278 (Topic 5), 378 (Topic 5), Real Estate 360 (Topic: Taxation of Real Estate Invest), 360 (Topic 1). Restricted to students in a business major. Prerequisite: Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. meets with R E 360 (TOPIC 1), ACC 380K (TOPIC 27), LAW 379M.

• 02530 MW 1230 - 200P GSB 2.122 SINGER, S

ACC 179C INDEPENDENT RSCH ACCOUNTING

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in the McCombs School of Business. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each; consent of instructor; and written approval on forms provided for that purpose before the first meeting of the course from the department chair's office.

• 02535

ACC 379C INDEPENDENT RSCH ACCOUNTING

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in the McCombs School of Business. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each; consent of instructor; and written approval on forms provided for that purpose before the first meeting of the course from the department chair's office.

• 02540

ACC 180C MPA DISTINGUISHED SPKR LYCEUM

Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Discussion of current issues confronting the accounting profession. Prerequisite: Graduate standing and admission to the traditional approach to the Master in Professional Accounting program. Mandatory Traditional MPA Orientation August 21-23. meets with ACC 152.

• 02545 T 530 - 700P UTC 2.102A SMITH, S

ACC 380D ADV TPCS IN FINANCL REPORTING

Examines issues in financial reporting from a user's perspective, including how important economic transactions of large public companies are reflected in financial statements. May not be counted by students with credit for Accounting 380K (Topic 1:Financial Accounting Standards and Analysis I) or 380K (Topic 2: Financial Accounting Standards and Analysis II). Prerequisite: Graduate standing, admission to the Master of Business Administration program, and Business Administration 384T.

• 02550 MW 1100 - 1230P RRH 3.310 KOONCE, L

ACC 180K CURR RSCH TOPICS IN ACCOUNTING

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 02555 MCINNIS, J

ACC 280K 7-FINANCIAL STATEMENT ANLY-MSF

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 327 and 380K (Topic 7) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent. Restricted to students in the Master of Science in Finance program. Class meets August 29-October 15. Class also meets Friday, September 7. Mandatory exams October 16-19.

• 02560 MW 1000 - 1200 GSB 3.104 BADOLATO, P

7-FINANCIAL STATMT ANLY-I-DAL

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 327 and 380K (Topic 7) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent. Restricted to cohort I students in the MBA program in Dallas. Class meets October 12-December 2. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 02565 JENNINGS, R

7-FINANCIAL STATMT ANLY-I-HOU

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 327 and 380K (Topic 7) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent. Restricted to cohort I students in the MBA program in Houston. Class meets October 12-December 2. Taught at UT Health Sciences Center in Houston, Texas.

• 02570 BADOLATO, P

7-FINANCIAL STATMT ANLY-II-DAL

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 327 and 380K (Topic 7) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent. Restricted to cohort II students in the MBA program in Dallas. Class meets October 12-December 2. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 02575 JENNINGS, R

7-FINANCIAL STATMT ANLY-II-HOU

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 327 and 380K (Topic 7) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent. Restricted to cohort II students in the MBA program in Houston. Class meets October 12-December 2. Taught at UT Health Sciences Center in Houston, Texas.

• 02580 BADOLATO, P

ACC 380K 1-FINCL ACC STANDS AND ANLY I

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 326 and 380K (Topic 1) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: For students enrolled in the Master of Business Administration program, Business Administration 384T and 385T; for students enrolled in the traditional approach to the Master in Professional Accounting program, Accounting 381 or the equivalent and credit or registration for Business Administration 385T or the equivalent; for students enrolled in the integrated approach to the Master in Professional Accounting program, Accounting 356 and Finance 357 or the equivalent. Restricted to students in the MPA program.

• 02585 MW 930 - 1100 GSB 2.120 CHEN, S
• 02590 MW 1230 - 200P CBA 4.324 MOORE, S
• 02595 MW 1230 - 200P UTC 1.118 CHEN, S
• 02600 MW 200 - 330P GSB 3.138 KOONCE, L
• 02605 MW 200 - 330P UTC 1.118 CHEN, S

2-FINCL ACC STANDS AND ANLY II

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 360 and 380K (Topic 2) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 380K (Topic 1) or the equivalent or consent of instructor.

• 02610 MW 800 - 930 UTC 1.144 BRADSHAW, M
• 02615 TTH 930 - 1100 GSB 3.138 MCINNIS, J
• 02620 TTH 1100 - 1230P GSB 3.138 MCINNIS, J
• 02625 TTH 1230 - 200P GSB 3.138 MCINNIS, J

4-AUDITING & ASSURANCE SERVS

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Only one of the following may be counted: Accounting 358C, 362, 380K (Topic 4). Prerequisite: Graduate standing; additional prerequisites vary with the topic. Prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent. Restricted to students in the Traditional MPA Program. meets with ACC 358C.

• 02630 TTH 930 - 1100 UTC 1.116 JOHANNS, J

7-FINANCIAL STATEMENT ANALYSIS

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 327 and 380K (Topic 7) may not both be

counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent.

• 02635	TTH	800 - 930	UTC 1.118	
• 02640	MW	1230 - 200P	GSB 2.120	BADOLATO, P
• 02645	TTH	1230 - 200P	UTC 1.146	ZHAO, W

8-PETROLEUM ACC: PRIN/PROC/ISS

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Only one of the following may be counted: Accounting 178 (Topic 2), 278 (Topic 2), 378 (Topic 2), 378 (Topic: Accounting/Tax for Mineral Industry), 180K (Topic 8), 280K (Topic 8), 380K (Topic 8). Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent. meets with ACC 378 (TOPIC 2).

• 02650	TTH	200 - 330P	UTC 3.110	HAYS, J
• 02655	TTH	330 - 500P	UTC 3.110	HAYS, J

11-INTRODUCTION TO TAXATION

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Only one of the following may be counted: Accounting 355, 364, 380K (Topic 11). Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: For students enrolled in the Master of Business Administration program, Business Administration 384T; for students enrolled in the traditional approach to the Master in Professional Accounting program, credit or registration for Accounting 381 or the equivalent. meets with ACC 355.

• 02660	MW	800 - 930	GSB 3.138	WILLIAMS, B
• 02665	MW	930 - 1100	GSB 3.138	WILLIAMS, B
• 02670	MW	1230 - 200P	UTC 4.104	WILLIAMS, B

12-COMP AUDIT AND SYS SECURITY

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent.

• 02675	M	330 - 630P	GSB 3.104	GEORGE, R

13-INFO TECH FOR ACC & CONTROL

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent.

• 02680	TTH	330 - 500P	GSB 2.122	BROWN, P
• 02685	TTH	1230 - 200P	UTC 1.118	BROWN, P
• 02690	TTH	200 - 330P	UTC 1.118	BROWN, P

22-ACC/AUDIT RSCH: DESIGN/EVAL

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Designed to help students evaluate, formulate, and conduct scholarly research in financial reporting. Subjects include advantages of archival, experimental, and theoretical methods, evaluating validity of design, and overcoming research barriers. Accounting 380K (Topic: Accounting and Auditing Research: Introduction to Design and Evaluation) and 380K (Topic 22) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 02695	MW	1100 - 1230P	CBA 4.324	KACHELMEIER, S

26-GOVT/NOT-FOR-PROFIT ACCT

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Accounting 380K (Topic 6) and 380K (Topic 26) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 02700	MW	930 - 1100	GSB 3.130	GRANOF, M

27-TAXATION REAL ESTATE INVEST

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Exposure to accounting practices in the real estate industry. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with R E 360 (TOPIC 1), ACC 378 (TOPIC 5), LAW 379M.

• 02705	MW	1230 - 200P	GSB 2.122	SINGER, S

ACC 381N MNGRL ACC/FIN STMT ANLY-EMBA

Hour(s) to be arranged. Surveys the strategic uses of the most important elements of internal accounting systems, including cost accounting systems and management control systems used for planning and budgeting, and the use of publicly available financial accounting information to evaluate past performance,forecast future performance, and estimate the value of debt and equity securities. May not be counted by students with credit for Accounting 380K (Topic 7). Prerequisite: Graduate standing. Restricted to students in the Executive MBA program. Class meets August 15-December 1.

• 02710				BADOLATO, P

ACC 383K 2-MANAGE AUDITING AND CONTROL

Course number may be repeated for credit when the topics vary. Professional and technical aspects of practice; ethics and legal responsibilities; review of fieldwork, emphasizing materiality, sampling, and working papers; reporting problems, including long-form and special purpose reports; fraud examination and audit methods. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: For students in the Master of Business Administration program, Business Administration 384T or the equivalent; for students in the traditional approach to the Master in Professional Accounting program, credit or registration for Accounting 381, Business Administration 384T, or the equivalent; for students in the integrated approach to the Master in Professional Accounting program, credit or registration for Accounting 358C or the equivalent.

• 02715	M	1100 - 200P	GDC 2.210	GOODSON, S
• 02720	M	330 - 630P	GSB 3.138	GOODSON, S

4-FRAUD EXAMINATION

Course number may be repeated for credit when the topics vary. Professional and technical aspects of practice; ethics and legal responsibilities; review of fieldwork, emphasizing materiality, sampling, and working papers; reporting problems, including long-form and special purpose reports; fraud examination and audit methods. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: For students in the Master of Business Administration program, Business Administration 384T or the equivalent; for students in the traditional approach to the Master in Professional Accounting program, Accounting 381, Business Administration 384T, or the equivalent, or consent of instructor; and Accounting 387 (Topic 1: Introduction to Managerial Accounting) or the equivalent, or consent of instructor; for students in the integrated approach to the Master in Professional Accounting program, Accounting 356 or consent of instructor, and Accounting 359 or the equivalent or consent of instructor.

• 02725	MW	930 - 1100	UTC 1.144	BRADSHAW, M

ACC 384 1-TAX RESEARCH METHODOLOGY

Course number may be repeated for credit when the topics vary. Advanced analysis in federal taxation, with emphasis on historical and current developments; application of research techniques to income tax and estate tax planning; case studies and reports. Prerequisite: Graduate standing, and admission to the Master in Professional Accounting degree program or consent of instructor. Additional prerequisite: For students in the integrated approach to the Master in Professional Accounting program, Accounting 355 or the equivalent; for students in the traditional approach to the Master in Professional Accounting program, credit or registration for Accounting 380K (Topic 11: Introduction to Taxation) or the equivalent or consent of instructor.

• 02730	MW	930 - 1100	CBA 4.326	ZVINAKIS, K
• 02735	MW	1100 - 1230P	CBA 4.326	ZVINAKIS, K
• 02740	MW	200 - 330P	GSB 3.106	ZVINAKIS, K

3-TAXATION OF ENTITIES II

Course number may be repeated for credit when the topics vary. Advanced analysis in federal taxation, with emphasis on historical and current developments; application of research techniques to income tax and estate tax planning; case studies and reports. Focuses on flow-through entities, including partnerships. Prerequisite: Graduate standing, and admission to the Master in Professional Accounting degree program or consent of instructor. Additional prerequisite: Credit or registration for Accounting 384 (Topic 1).

• 02745	MW	1230 - 200P	CBA 4.326	HOLBROOK, T
• 02750	MW	200 - 330P	CBA 4.326	HOLBROOK, T
• 02755	MW	330 - 500P	CBA 4.326	HOLBROOK, T

4-TAX PLAN FOR BUSN ENTITIES

Course number may be repeated for credit when the topics vary. Advanced analysis in federal taxation, with emphasis on historical and current developments; application of research techniques to income tax and estate tax planning; case studies and reports. Prerequisite: Graduate standing, and admission to the Master in Professional Accounting degree program or consent of instructor. Additional prerequisite: Accounting 384 (Topic 2). meets with LAW 379M.

• 02760	TTH	1100 - 1230P	CBA 4.332	SINGER, S

6-INTERNATL AND INTERSTATE TAX

Course number may be repeated for credit when the topics vary. Advanced analysis in federal taxation, with emphasis on historical and current developments; application of research techniques to income tax and estate tax planning; case studies and reports. Prerequisite: Graduate standing, and admission to the Master in Professional Accounting degree program or consent of instructor. Additional prerequisite: Credit or registration for Accounting 384 (Topic 1).

• 02765	TTH	200 - 330P	CBA 4.324	SINGER, S

ACC 386K 6-DOCTORAL RESEARCH TOPICS

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Financial accounting theory; current pronouncements on theory; problems of income determination; accounting research and research methodology applied to accounting issues. Prerequisite: Graduate standing, admission to the doctoral degree program in accounting, and consent of instructor.

• 02770				MCINNIS, J

7-FNDTNS OF FINANCIAL ACC RSCH

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Financial accounting theory; current pronouncements on theory; problems of income determination; accounting research and research methodology applied to accounting issues. Prerequisite: Graduate standing, admission to the doctoral degree program in accounting, and consent of instructor.

• 02775				YU, Y

ACC 287 1-INTRO MANAGERIAL ACC-I-DAL

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. The use of accounting information by managers within the organization for decision making, planning, and the design of control systems for implementing the organization's strategy. Topics include long-range planning, annual profit planning, activity-based costing, cost prediction, strategic control systems, and performance evaluation. Case studies are used. Only one of the following may be counted: Accounting 329, 359, 287 (Topic 1), 287 (Topic 5), 387 (Topic 1), 387 (Topic 5), Business Administration 382T. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

course unique days time room instructor

Restricted to cohort I students in the MBA program in Dallas. Class meets October 12-December 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 02780 PLATT, D

1-INTRO MANAGERIAL ACC-I-HOU
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. The use of accounting information by managers within the organization for decision making, planning, and the design of control systems for implementing the organization's strategy. Topics include long-range planning, annual profit planning, activity-based costing, cost prediction, strategic control systems, and performance evaluation. Case studies are used. Only one of the following may be counted: Accounting 329, 359, 287 (Topic 1), 287 (Topic 5), 387 (Topic 1), 387 (Topic 5), Business Administration 382T. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Restricted to cohort I students in the MBA program in Houston. Class meets October 12-December 1. Taught at UT Health Sciences Center in Houston, Texas.
• 02785 LENDECKY, B

1-INTRO MANAGERIAL ACC-II-DAL
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. The use of accounting information by managers within the organization for decision making, planning, and the design of control systems for implementing the organization's strategy. Topics include long-range planning, annual profit planning, activity-based costing, cost prediction, strategic control systems, and performance evaluation. Case studies are used. Only one of the following may be counted: Accounting 329, 359, 287 (Topic 1), 287 (Topic 5), 387 (Topic 1), 387 (Topic 5), Business Administration 382T. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Restricted to cohort II students in the MBA program in Dallas. Class meets October 12-December 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 02790 PLATT, D

1-INTRO MANAGERIAL ACC-II-HOU
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. The use of accounting information by managers within the organization for decision making, planning, and the design of control systems for implementing the organization's strategy. Topics include long-range planning, annual profit planning, activity-based costing, cost prediction, strategic control systems, and performance evaluation. Case studies are used. Only one of the following may be counted: Accounting 329, 359, 287 (Topic 1), 287 (Topic 5), 387 (Topic 1), 387 (Topic 5), Business Administration 382T. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Restricted to cohort II students in the MBA program in Houston. Class meets October 12-December 1. Taught at UT Health Sciences Center in Houston, Texas.
• 02795 LENDECKY, B

1-INTRO MANAGERIAL ACC-TEMBA
Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. The use of accounting information by managers within the organization for decision making, planning, and the design of control systems for implementing the organization's strategy. Topics include long-range planning, annual profit planning, activity-based costing, cost prediction, strategic control systems, and performance evaluation. Case studies are used. Only one of the following may be counted: Accounting 329, 359, 287 (Topic 1), 287 (Topic 5), 387 (Topic 1), 387 (Topic 5), Business Administration 382T. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Restricted to students in the Texas Evening MBA program. Class meets October 23-December 4. meets with LEB 280C.
• 02800 T 600 - 915P RRH 4.408 MCGUIRE, J

ACC 387 1-INTRO TO MANAGERIAL ACC
Course number may be repeated for credit when the topics vary. The use of accounting information by managers within the organization for decision making, planning, and the design of control systems for implementing the organization's strategy. Topics include long-range planning, annual profit planning, activity-based costing, cost prediction, strategic control systems, and performance evaluation. Case studies are used. Only one of the following may be counted: Accounting 329, 359, 287 (Topic 1), 287 (Topic 5), 387 (Topic 1), 387 (Topic 5), Business Administration 382T. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with ACC 359.
• 02805 TTH 1100 - 1230P UTC 1.146 LAUX, V
• 02810 TTH 200 - 330P GSB 2.120 LAUX, V
• 02815 TTH 330 - 500P GSB 2.120 LAUX, V

ACC 191C SPECIAL STUDIES IN ACCOUNTING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing; admission to the Master in Professional Accounting program or the doctoral program in accounting; and consent of instructor.
• 02820

ACC 391C SPECIAL STUDIES IN ACCOUNTING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing; admission to the Master in Professional Accounting program or the doctoral program in accounting; and consent of instructor.
• 02825

ACC 691C SPECIAL STUDIES IN ACCOUNTING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing; admission to the Master in Professional Accounting program or the doctoral program in accounting; and consent of instructor.
• 02830

ACC 192N MPA INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Focus on academic and professional development through valuable work experience and the integration of accounting knowledge by working with public or private enterprises. A minimum of 320 hours of work, a daily work-related journal, and paper are needed for internship credit. Restricted to students in the Master in Professional Accounting Program. Prerequisite: Admissions into the Master in Professional Accounting Program and prior approval from the internship coordinator.
• 02835

ACC 392N MPA INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Focus on academic and professional development through valuable work experience and the integration of accounting knowledge by working with public or private enterprises. A minimum of 320 hours of work, a daily work-related journal, and paper are needed for internship credit. Restricted to students in the Master in Professional Accounting Program. Prerequisite: Admissions into the Master in Professional Accounting Program and prior approval from the internship coordinator.
• 02840

MPA INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Focus on academic and professional development through valuable work experience and the integration of accounting knowledge by working with public or private enterprises. A minimum of 320 hours of work, a daily work-related journal, and paper are needed for internship credit. Restricted to students in the Master in Professional Accounting Program. Prerequisite: Admissions into the Master in Professional Accounting Program and prior approval from the internship coordinator. Restricted to audit interns.
• 02845

ACC 692N MPA INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Focus on academic and professional development through valuable work experience and the integration of accounting knowledge by working with public or private enterprises. A minimum of 320 hours of work, a daily work-related journal, and paper are needed for internship credit. Restricted to students in the Master in Professional Accounting Program. Prerequisite: Admissions into the Master in Professional Accounting Program and prior approval from the internship coordinator.
• 02850

ACC 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in the doctoral program in accounting and consent of the supervising faculty member and the graduate adviser; for 698B, Accounting 698A.
• 02855

ACC 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in the doctoral program in accounting and consent of the supervising faculty member and the graduate adviser; for 698B, Accounting 698A.
• 02860

ACC 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in the doctoral program in accounting, completion of the core courses for the degree, and consent of the supervising faculty member and the graduate adviser.
• 02865

ACC 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 02870

ACC 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 02875

ACC 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 02880

ACC 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Accounting 399R, 699R, or 999R.
• 02885

ACC 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Accounting 399R, 699R, or 999R.
• 02890

ACC 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Accounting 399R, 699R, or 999R.
• 02895

DEPARTMENT OF BUSINESS, GOVERNMENT, AND SOCIETY

Business, Government, and Society - BGS
Legal Environment of Business - LEB

August 2018

course | unique | days | time | room | instructor

BGS 370 1-ENERGY TECHNOLOGY & POLICY

Course number may be repeated for credit when the topics vary. Designed to give students an understanding of the broad context of energy production and consumption in the U.S. and the world. Discusses past energy trends and fundamentals of energy and power, including fossil fuels and renewable energy sources and technologies. Explores different energy resources, environmental impacts, and societal uses of energy, and concludes with an evaluation of future energy technology options. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.

• 02950 MW 500 - 630P CLA 1.104 KING, C

2-ETHICS/CSR/SERVICE LEARNING

Course number may be repeated for credit when the topics vary. Examines reasons that seemingly good people sometimes make unethical choices. Explores real-life ethical dilemmas, our decision-making processes, and ideal behavior for the future. An Academic Service Learning course, partnering with corporations (like Google, Inc.), the City of Austin, local non-profits, and other local universities to engage in service projects. Business, Government, and Society 370.2 and 370 (Topic: Ethics, CSR, & Service Learning) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.

• 02955 MW 1100 - 1230P UTC 1.102 LANDOLT, K

3-BUSN ETHICS/SOCL RESPNSBLTY

Course number may be repeated for credit when the topics vary. Focuses on the development of ethical leadership and responsibility. Learn about basic concepts relevant to business ethics, develop ethical principles in a variety of business domains, and practice discussing ethical issues with people from a variety of viewpoints and backgrounds. Business, Government, and Society 370 (Topic: BUSN ETHICS & SOCL RESPONSBLTY) and 370 (Topic 3) may not both be counted. Prerequisite: Varies with the topic.

• 02960 MW 1230 - 200P UTC 1.144 IRWIN, J

BGS 372 STRATEGIC CORP SOCIAL RESP

Offered on the letter-grade basis only. A study of how corporations can engage in corporate social responsibility and sustainable activities to improve the world with strategic considerations kept in mind. Prerequisite: Upper-division standing.

• 02965 TTH 200 - 330P CBA 5.328 RICHTER, B

BGS 373 STRATEGIC CORP COMM

Offered on the letter-grade basis only. Studies corporate efforts to inform, motivate, and persuade various constituencies, including investors, employees, communities, and regulators. Subjects include public relations, investor relations, and government relations. Prerequisite: Upper-division standing.

• 02970 TTH 500 - 630P CBA 5.330 PATTERSON, J

BGS 179 INDEP RSCH BUSN, GOVT, & SOCTY

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Prerequisite: Sophomore standing, consent of instructor, and written approval from the department chair's office, before the first meeting ofthe course, on forms available in the department office for that purpose.

• 02975

BGS 379 INDEP RSCH BUSN, GOVT, & SOCTY

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Prerequisite: Sophomore standing, consent of instructor, and written approval from the department chair's office, before the first meeting ofthe course, on forms available in the department office for that purpose.

• 02980

BGS 380 ENERGY DEVELOPMENT AND POLICY

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with LAW 379M, E E 394V, C E 397.

• 02985 T 345 - 615P TNH 2.123 ADELMAN, D

HEALTH LAW AND POLICY

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 02990 M 900 - 1200

LAW/ECON CAPTL MRKTS/FINCL INT

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with LAW 379M.

• 02995 TTH 200 - 330P RRH 5.408 SPINDLER, J

BGS 380D STRATEGIC CORP SOCIAL RESP

Offered on the letter-grade basis only. Overview of corporate social responsibility (CSR) given the constraints of the business environment, with an emphasis on the conditions under which CSR can provide strategic value to firms through class discussions and group projects. Prerequisite: Graduate standing and consent of instructor. meets with P A 387K.

• 03000 TTH 330 - 500P RRH 5.408 RICHTER, B

BGS 281 LAW/ETHCS/CORP SOC RESP-I-DAL

Hour(s) to be arranged. Examines corporate responsibility issues and the tools necessary to manage relationships with external stakeholders such as governments, nongovernmental organizations, and communities in legal, political, and cultural contexts. Business, Government, and Society 381 and Legal Environment of Business 380 (Topic 36: Law, Ethics, and Corporate Social Responsibility) may not both be counted. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Dallas. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 24-September 29. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 03005 PEDERSEN, F

LAW/ETHCS/CORP SOC RESP-I-HOU

Hour(s) to be arranged. Examines corporate responsibility issues and the tools necessary to manage relationships with external stakeholders such as governments, nongovernmental organizations, and communities in legal, political, and cultural contexts. Business, Government, and Society 381 and Legal Environment of Business 380 (Topic 36: Law, Ethics, and Corporate Social Responsibility) may not both be counted. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Houston. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 24-September 29. Taught at UT Health Sciences Center in Houston, Texas.

• 03010 MEAKIN, C

LAW/ETHCS/CORP SOC RESP-II-DAL

Hour(s) to be arranged. Examines corporate responsibility issues and the tools necessary to manage relationships with external stakeholders such as governments, nongovernmental organizations, and communities in legal, political, and cultural contexts. Business, Government, and Society 381 and Legal Environment of Business 380 (Topic 36: Law, Ethics, and Corporate Social Responsibility) may not both be counted. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Dallas. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 24-September 29. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 03015 PEDERSEN, F

LAW/ETHCS/CORP SOC RESP-II-HOU

Hour(s) to be arranged. Examines corporate responsibility issues and the tools necessary to manage relationships with external stakeholders such as governments, nongovernmental organizations, and communities in legal, political, and cultural contexts. Business, Government, and Society 381 and Legal Environment of Business 380 (Topic 36: Law, Ethics, and Corporate Social Responsibility) may not both be counted. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Houston. Mandatory orientation July 30-August 5 in Austin, Texas. Class meets August 24-September 29. Taught at UT Health Sciences Center in Houston, Texas.

• 03020 MEAKIN, C

BGS 381 LAW, ETHICS, & CORP SOCL RESP

Examines corporate responsibility issues and the tools necessary to manage relationships with external stakeholders such as governments, nongovernmental organizations, and communities in legal, political, and cultural contexts. Business, Government, and Society 381 and Legal Environment of Business 380 (Topic 36: Law, Ethics, and Corporate Social Responsibility) may not both be counted. Prerequisite: Graduate standing. meets with O M 386.

• 03025 TTH 1230 - 200P RRH 3.414 PEDERSEN, F

LAW, ETHICS, & CORP SOCL RESP

Examines corporate responsibility issues and the tools necessary to manage relationships with external stakeholders such as governments, nongovernmental organizations, and communities in legal, political, and cultural contexts. Business, Government, and Society 381 and Legal Environment of Business 380 (Topic 36: Law, Ethics, and Corporate Social Responsibility) may not both be counted. Prerequisite: Graduate standing.

• 03030 MW 200 - 330P RRH 5.408 LANDOLT, K

LAW, ETHICS, & CORP SOCL RESP

Designed to accommodate 35 or fewer students. Examines corporate responsibility issues and the tools necessary to manage relationships with external stakeholders such as governments, nongovernmental organizations, and communities in legal, political, and cultural contexts. Business, Government, and Society 381 and Legal Environment of Business 380 (Topic 36: Law, Ethics, and Corporate Social Responsibility) may not both be counted. Prerequisite: Graduate standing.

• 03035 TTH 200 - 330P RRH 3.414 PEDERSEN, F

BGS 381N SOCL/ETHICAL RESPNSBLT ACCT

Examines ethical aspects of the managerial decision-making process and the application of fundamental ethical principles to business, legal, and social problems. Includes ethical implications of financial markets, race and gender discrimination, employee privacy, multinational business, and health, safety, environmental, and consumer issues. Business, Government, and Society 381L and 381N may not both be counted. Restricted to students admitted to the Master in Professional Accountingprogram. Prerequisite: Graduate standing.

• 03040 TTH 1100 - 1230P CBA 4.348 BREDESON, D

• 03045 TTH 1230 - 200P CBA 4.348 BREDESON, D

BGS 385W BUSN/GOVT/PUBL POL-D C

Hour(s) to be arranged. Studies the relationship between business and government throughout the formation and implementation of public policy; includes examination fromeconomic, political, legal, and behavioral perspectives. Focuses primarily on the political, regulatory, and legal system of the United States and addresses issues covered further in the Washington Campus event, a week-long seminar with policy mak-

ers in Washington DC that precedes the course. Restricted to students in the executive Master of Business Administration program. Prerequisite: Graduate standing. Mandatory seminar June 11-13. Taught at Washington Campus in Washington, D.C.
• 03050 RICHTER, B

BGS 388 BEHAVIORAL ECONOMICS
Offered on the letter-grade basis only. Explores and applies existing behavioral economics findings to all areasof business, and also instructs how to run studies to learn how to "nudge" people toward or away from particular behaviors. Only one of the following may be counted: Business, Government, and Society 388; Marketing 382 (Topic: Behavioral Economics); 282, 382 (Topic 27). Prerequisite: Graduate standing.
• 03055 MW 330 - 500P RRH 5.420 IRWIN, J

LEB 320F FNDTNS OF BUSN LAW & ETHICS
Introduction to the legal problems confronting businesses in the global environment. Legal Environment of Business 320F and 323 may not both be counted. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Not open to law students. Prerequisite: Upper-division standing.
• 03110 TTH 930 - 1100 GSB 2.124 GOLD, B
• 03115 TTH 1100 - 1230P GSB 2.124 GOLD, B
• 03120 TTH 1230 - 200P GSB 2.124 GOLD, B

FNDTNS OF BUSN LAW & ETHICS-WB
Hour(s) to be arranged. Introduction to the legal problems confronting businesses in the global environment. Legal Environment of Business 320F and 323 may not both be counted. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Not open to law students. Prerequisite: Upper-division standing. Taught as a Web-based course. Students are encouraged to visit https://my.mccombs.utexas.edu/My/BBA/Registration/Web-Based-Classes to learn more about the course structure and requirements for this class. Additional details provided in the class syllabus. Exam proctoring software requires computer with microphone and webcam.
• 03125 BREDESON, D

LEB 323 BUSINESS LAW AND ETHICS
Offered on the letter-grade basis only. An investigation of the role of law in society; introduction to legal reasoning, dispute resolution, judicial process, constitutional law, agency, torts, government regulations; business ethics; study of contracts. Legal Environment of Business 323 and 323H may not both be counted. Restricted to students in a business major.
• 03130 TTH 800 - 930 UTC 3.104 QUINTANILLA, D
• 03135 MW 930 - 1100 UTC 3.104 LANDOLT, K
• 03140 TTH 930 - 1100 UTC 3.104 RENBARGER, G
• 03145 MW 1100 - 1230P UTC 3.104 MEAKIN, C
• 03150 MW 200 - 330P UTC 3.104 MEAKIN, C
• 03155 TTH 200 - 330P UTC 4.110 DICKERSON, J
• 03160 TTH 200 - 330P UTC 4.134 JUE, S
• 03165 TTH 330 - 500P UTC 4.110 DICKERSON, J

LEB 323H BUSINESS LAW AND ETHICS: HON
Offered on the letter-grade basis only. An investigation of the role of law in society; introduction to legal reasoning, dispute resolution, judicial process, constitutional law, agency, torts, government regulations; business ethics; study of contracts. Legal Environment of Business 323 and 323H may not both be counted. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Senior standing, Accounting 312H, and credit or registration for Business Administration 324H.
• 03170 MW 1100 - 1230P CBA 4.304 PRENTICE, R

LEB 334M HEALTHCARE LAW AND POLICY
Offered on the letter-grade basis only. Introduces the legal and political environment in which the U.S. health care system operates. Legal Environment of Business 334M and 370 (Topic: Healthcare Law and Policy) may not both be counted. Prerequisite: Upper-division standing.
• 03175 TTH 200 - 330P UTC 3.132 WARREN-CLEM, K

LEB 179 INDEPENDENT RSCH LEGL ENV BUSN
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business Government and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Legal Environment of Business 323 or 323H with a grade of at least C-; consent of instructor; and written approval before the first meeting of the course from the department chair's office, on forms provided for that purpose.
• 03180

LEB 379 INDEPENDENT RSCH LEGL ENV BUSN
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business Government and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Legal Environment of Business 323 or 323H with a grade of at least C-; consent of instructor; and written approval before the first meeting of the course from the department chair's office, on forms provided for that purpose.
• 03185

LEB 380 TPCS LEGAL ENVIR OF BUSN-MEX
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Selected topics on legal constraints affecting managerial decision making and business behavior. Prerequisite: Graduate standing. Restricted to students in the Executive MBA program in Mexico City. Class meets August 24-November 10 and November 30-December 14. Faculty-led Abroad Program taught at Tecnologico de Monterrey-Campus Santa Fe in Mexi co City, Mexico. Students must consult with department as travel and orientation dates may be in addition to these dates.
• 03190 MURRAY, P

3-LAW OF COMMRCL R E FIN & DEV
Course number may be repeated for credit when the topics vary. Selected topics on legal constraints affecting managerial decision making and business behavior. The legal framework of commercial real estate finance and development, including basic real estate law concepts, legal aspects of financing techniques and instruments, subdivision land-use controls, environmentalregulation of real estate development, and other topics. Prerequisite: Graduate standing.
• 03195 MW 200 - 330P RRH 3.414 MURRAY, P

14-INTELLECTUAL PROPERTY
Course number may be repeated for credit when the topics vary. Selected topics on legal constraints affecting managerial decision making and business behavior. Legal aspects of protecting intellectual property, including patents, trade secrets, trademarks, and copyrights; the contractual licensing of these property rights and other legal aspects of technology. Prerequisite: Graduate standing.
• 03200 MW 330 - 500P RRH 5.408 LANDOLT, K

17-LEG & ETHICAL ENV OF ACCT
Course number may be repeated for credit when the topics vary. Selected topics on legal constraints affecting managerial decision making and business behavior. State and federal regulations and tort and contract law principles that constrain accountants and create potential liability. Ethical and international dimensions are included where appropriate. Prerequisite: Graduate standing.
• 03205 TTH 930 - 1100 GSB 3.104 JUE, S
• 03210 TTH 1100 - 1230P GSB 3.104 JUE, S

38-ENERGY LAW: REG ENERGY PROD
Course number may be repeated for credit when the topics vary. Selected topics on legal constraints affecting managerial decision making and business behavior. Examination of the federal, state, and local regulatory regimes governing the production of energy in the United States, including the licensing regimes for electric generation (renewable, nuclear, and fossil-fueled) and the regulation of fossil fuel extraction. Discussion of the statutory regimes regulating coal mining, oil and gas production,fossil-fueled electricity generation, nuclear power plants, hydroelectric plants, and utility-scale wind and solar farms. Covers related issues, including policies aimed at hastening the decarbonization of the electricity sector in an increasing number of states and municipalities, and policy conflicts associated with the growth of hydraulic fracturing to produce oil and gas. Legal Environment of Business 180, 380 (Topic 31) and 180, 380 (Topic 38) may not both be counted. Prerequisite: Graduate standing. meets with LAW 363U, EER 396 (TOPIC 3), P A 388K.
• 03215 MT 215 - 330P TNH 3.142 SPENCE, D

LEB 280C LEGAL ENVIR OF BUSN-TEMBA
Prerequisite: Graduate standing. Restricted to students in the Texas Evening MBA program. Mandatory orientation August 18-19. Class meets August 28-October 16. meets with ACC 287 (TOPIC 1).
• 03220 T 600 - 915P RRH 4.408 RENBARGER, G

DEPARTMENT OF FINANCE

Finance - FIN
Real Estate - R E

FIN 320F FOUNDATIONS OF FINANCE
Designed to accommodate 100 or more students. Principles of effective financial management, including planning, organization, and control; financial intermediaries; securities markets;evaluating alternative assets, debt, and capital structures. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Prerequisite: Upper-division standing, and one of the following: Accounting 310F; 311 or 311H, and 312 or 312H; or 6 semester hours of accounting coursework.
• 03275 MW 930 - 1100 UTC 2.102A TOPRAC, H
• 03280 MW 1100 - 1230P UTC 2.102A TOPRAC, H

FOUNDATIONS OF FINANCE-WB
Hour(s) to be arranged. Principles of effective financial management, including planning, organization, and control; financial intermediaries; securities markets;evaluating alternative assets, debt, and capital structures. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Prerequisite: Upper-division standing, and one of the following: Accounting 310F; 311 or 311H, and 312 or 312H; or 6 semester hours of accounting coursework. Taught as a Web-based course. Students are encouraged to visit https://my.mccombs.utexas.edu/My/BBA/Registration/Web-Based-Classes to learn

course	unique	days	time	room	instructor

more about the course structure and requirements for this class. Additional details provided in the class syllabus.

•	03285				DUVIC, R

FIN 357 BUSINESS FINANCE

Offered on the letter-grade basis only. Principles of finance, with application to all aspects of the business firm; particular attention to cost of capital, investment decisions, management of assets, and procurement of funds. Finance 357 and 357H may not both be counted. Restricted to students in a business major. Prerequisite: Statistics 309 or 309H, and credit or registration for the following: Accounting 312 or 312H, and Business Administration 324 or 324H.

•	03290	TTH	800 - 930	CBA 4.328	DUVIC, R
•	03295	TTH	800 - 930	UTC 3.102	MILLER, J
•	03300	MW	930 - 1100	UTC 1.132	RAO, R
•	03305	TTH	930 - 1100	CBA 4.328	DUVIC, R
•	03310	TTH	930 - 1100	UTC 3.102	MILLER, J
•	03315	MW	1100 - 1230P	CBA 4.348	POLOSKEY, M
•	03320	MW	1100 - 1230P	UTC 1.132	RAO, R
•	03325	MW	1230 - 200P	CBA 4.348	POLOSKEY, M
•	03330	TTH	1230 - 200P	UTC 1.102	MILLER, J
•	03335	MW	200 - 330P	CBA 4.348	POLOSKEY, M
•	03340	TTH	200 - 330P	CBA 4.326	KIM, W
•	03345	TTH	200 - 330P	UTC 1.102	MILLER, J
•	03350	TTH	330 - 500P	CBA 4.326	KIM, W

FIN 357H BUSINESS FINANCE-HONORS

Offered on the letter-grade basis only. An investigation of the principles of finance, with application to all aspects of the business firm; particular attention to cost of capital, investment decisions, management of assets, and procurement of funds. Finance 357 and 357H may not both be counted. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Economics 304K and 304L, and credit or registration for Accounting 312H, Business Administration 324H, and Statistics 371H or 375H.

•	03355	TTH	200 - 330P	CBA 4.332	HAHN, W

FIN 165P ENERGY FINANCE PRACTICUM

Students apply skills in the energy industry and focus on additional project management skills through group projects conducted in a professional setting. Students may work with a private or a public enterprise. May not be used to satisfy the professional, business related internship or practicum course degree requirement for the Bachelor of Business Administration. Restricted to students accepted to the Helios Challenge. Prerequisite: Consent of instructor.

•	03360	F	1100 - 200P	JES A205A	BUTLER, J

FIN 366P FINANCE PRACTICUM

Students apply skills in their major area and focus on additional project management skills through group projects conducted in a professional setting. Students may work with a private or a public enterprise. Restricted to students accepted to the Financial Analyst Program or RealEstate Investment Trust Program. Prerequisite: Forty-five semester hours of college coursework and consent of instructor.

•	03365	TTH	330 - 500P	CBA 5.330	COHN, J
		F	200 - 500P	CBA 5.330	

FINANCE PRACTICUM

Students apply skills in their major area and focus on additional project management skills through group projects conducted in a professional setting. Students may work with a private or a public enterprise. Restricted to students accepted to the Financial Analyst Program or RealEstate Investment Trust Program. Prerequisite: Forty-five semester hours of college coursework and consent of instructor. meets with FIN 397 (TOPIC 6).

•	03370	T	330 - 630P	RRH 3.414	HALLMAN, G

FIN 367 INVESTMENT MANAGEMENT

Investment theory, alternatives, and decision making under differing uncertainties and constraints; formulation of objectives and strategies; development of conceptual managerial perspectives and philosophies for investment environments. Finance 367 and 367Q may not both be counted. Restricted to students in a business major. Prerequisite: Finance 357 or 357H; and credit or registration for Statistics 371G, 371H, 375, or 375H.

•	03375	MW	800 - 930	UTC 1.102	JOHNSON, T
•	03380	TTH	800 - 930	UTC 1.102	GRIFFIN, J
•	03385	MW	930 - 1100	UTC 1.102	JOHNSON, T
•	03390	TTH	930 - 1100	UTC 1.102	GRIFFIN, J
•	03395	MW	1230 - 200P	UTC 1.116	MCABEER, I
•	03400	TTH	1230 - 200P	UTC 1.116	GRIFFIN, J
•	03405	TTH	1230 - 200P	UTC 1.144	KRUGER, S
•	03410	MW	200 - 330P	UTC 1.116	ALVES, G
•	03415	TTH	200 - 330P	UTC 1.144	KRUGER, S
•	03420	MW	330 - 500P	UTC 1.116	ALVES, G
•	03425	TTH	330 - 500P	UTC 1.144	KRUGER, S

FIN 370 INTEGRATIVE FINANCE

Integrates financial decision making in functional areas of finance; utilizes various concepts to promulgate strategies, policies, and procedures in managing funds to achieve objectives. Finance 370 and 370H may not both be counted. Restricted to students in a business major. Prerequisite: Senior standing; Finance 357 or 357H, and 367 (or 367Q); credit or registration for one of the following: Accounting 353J, 366P, Business Administration 353, 353H, Finance 353, 366P, Management 347P, 353, 366P, 367P, 369P, Management Information Systems 353, 366P, Marketing 353, 366P, Operations Management 353, or 366P; and three additional semester hours of coursework in finance or real estate.

•	03430	TTH	930 - 1100	CBA 5.330	WAY, W
•	03435	TTH	1100 - 1230P	CBA 5.330	WAY, W
•	03440	TTH	200 - 330P	CBA 5.330	WAY, W

FIN 371M MONEY AND CAPITAL MARKETS

Development of modern financial markets, with emphasis on the factors that determine interest rates; institutional characteristics and pricing mechanisms of various interest-sensitive securities. Restricted to students in a business major. Prerequisite: Finance 357 or 357H.

•	03445	TTH	1230 - 200P	CBA 4.328	LEEDS, S
•	03450	MW	200 - 330P	GSB 2.122	LEEDS, S
•	03455	TTH	200 - 330P	CBA 4.328	LEEDS, S
•	03460	MW	330 - 500P	GSB 2.122	LEEDS, S

FIN 372 TITANS OF INVESTING

Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Advanced topics in finance. Restricted to students in a business major. Prerequisite: Credit or registration for Finance 357 or 357H; additionalprerequisites may vary with the topic. meets with FIN 397.

•	03465	W	400 - 630P	CBA 6.420	HARRIS, T

6-OPTIMIZATION METHOD FINANCE

Course number may be repeated for credit when the topics vary. Advanced topics in finance. Explores quantitative methods and techniques in optimization and simulation, and their use in financial decision making. Discusses theory and application in portfolio selection, options and other derivative pricing, index tracking, risk measures, volatility estimating. Specific subjects will include linear, quadratic, nonlinear, and integer programming; dynamic programming; robust optimization; Monte Carlo methods and variance reduction techniques. Emphasis will be placed on problem solving with advanced computational programming languages. Only one of the following may be counted: Finance 372 (Topic: OPTIMIZATION METHOD IN FINANCE), 372 (Topic 6), Statistics 372 (Topic 6). Restricted to students in a business major. Prerequisite: Credit or registration for Finance 357 or 357H; additionalprerequisites may vary with the topic. meets with STA 372 (TOPIC 6).

•	03470	TTH	930 - 1100	UTC 3.134	MUTHURAMAN, K

FIN 374C VALUATION

An in-depth study of theory and practice of corporate financial management in establishing major financial and investment policies; techniques for analysis, evaluation, and control. Restricted to students in a business major. Prerequisite: Finance 357 or 357H.

•	03475	TTH	930 - 1100	GSB 2.122	HAHN, W
•	03480	TTH	1100 - 1230P	GSB 2.122	HAHN, W
•	03485	MW	330 - 500P	UTC 1.146	BUTLER, J
•	03490	TTH	330 - 500P	UTC 1.132	SURY, S

FIN 374S ENTREPRENEURIAL FINANCE

Development, implementation, and control of financial plans, strategies,and policies by owner-managers of small and medium-sized firms; analysisof alternatives and decision making. Restricted to students in a business major. Prerequisite: Finance 357 or 357H.

•	03495	MW	1100 - 1230P	UTC 1.146	HUGHES, R
•	03500	MW	1230 - 200P	UTC 1.146	HUGHES, R

FIN 376 INTERNATIONAL FINANCE

The international financial environment, with emphasis on the factors affecting exchange rates and how exchange rate changes affect the firm. Restricted to students in a business major. Prerequisite: Finance 357 or 357H.

•	03505	MW	200 - 330P	UTC 4.104	MARTIN, D

FIN 377 1-PORTFOLIO ANALYSIS AND MGMT

Course number may be repeated for credit when the topics vary. Second course in investments, with emphasis on quantitative applicationsand the underlying theory in the analysis and management of securities and portfolios. Restricted to students in a business major. Prerequisite: Finance 357 or 357H; additional prerequisites vary with the topic. Additional prerequisite: Finance 367 or 367Q.

•	03510	TTH	1100 - 1230P	UTC 1.102	KAMM, K

2-FINANCIAL RISK MANAGEMENT

Course number may be repeated for credit when the topics vary. Second course in investments, with emphasis on quantitative applicationsand the underlying theory in the analysis and management of securities and portfolios. Finance 377 (Topic 2) and 377 (Topic 5: Energy Financial Risk Management) may not both be counted. Restricted to students in a business major. Prerequisite: Finance 357 or 357H; additional prerequisites vary with the topic. Additional prerequisite: Finance 367 or 367Q.

•	03515	MW	200 - 330P	UTC 4.112	RONN, E

4-FINANCIAL ANALYSIS

Course number may be repeated for credit when the topics vary. Second course in investments, with emphasis on quantitative applicationsand the underlying theory in the analysis and management of securities and portfolios. Application of fundamental analysis and valuation techniques. Finance 377 (Topic 3: Security Analysis) and 377 (Topic 4) may not both be counted. Restricted to students in a business major. Prerequisite: Finance 357 or 357H; additional prerequisites vary with the topic. Additional prerequisite: Credit or registration for Finance 367 or 367Q.

•	03520	TTH	200 - 330P	UTC 1.116	KAMM, K
•	03525	TTH	330 - 500P	UTC 1.116	KAMM, K

April 3, 2018

5-ENERGY FINANCIAL RISK MGMT

Course number may be repeated for credit when the topics vary. Second course in investments, with emphasis on quantitative applicationsand the underlying theory in the analysis and management of securities and portfolios. Finance 377 (Topic 2: Financial Risk Management) and 377 (Topic 5) may not both be counted. Restricted to students in a business major. Prerequisite: Finance 357 or 357H; additional prerequisites vary with the topic. Additional prerequisite: Finance 367 or 367Q.

• 03530 MW 1100 - 1230P CBA 4.328 ALEXANDER, J

FIN 179C INDEPENDENT RSCH IN FINANCE

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Finance 357 or 357H witha grade of at least C-; and consent of instructor. A student registering for this course must obtain written approval from the department chair'soffice, on forms provided for that purpose, before the first meeting of the course.

• 03535

FIN 379C INDEPENDENT RSCH IN FINANCE

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Finance 357 or 357H witha grade of at least C-; and consent of instructor. A student registering for this course must obtain written approval from the department chair'soffice, on forms provided for that purpose, before the first meeting of the course.

• 03540

FIN 286 VALUATION-MBA

Study of subjects such as financial modeling, derivatives in corporate finance, business valuation, and value-based management. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to students in the MBA program. Class meets October 17-December 10. Mandatory exams December 13-14.

• 03545 MW 800 - 1000 RRH 4.314 SZTEJNBERG, X
• 03550 MW 1000 - 1200 RRH 4.314 SZTEJNBERG, X
• 03555 MW 100 - 300P RRH 4.314 SZTEJNBERG, X

VALUATION-MPA

Additional hour(s) to be arranged. Study of subjects such as financial modeling, derivatives in corporate finance, business valuation, and value-based management. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to students in the MPA program. Class meets August 28-October 11. Mandatory exams October 12-17.

• 03560 TTH 330 - 530P GSB 3.104 SZTEJNBERG, X

VALUATION-MPA

Study of subjects such as financial modeling, derivatives in corporate finance, business valuation, and value-based management. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to students in the MPA program. Class meets October 18-December 6. Mandatory exams held December 13-15, 17-19.

• 03565 TTH 330 - 530P GSB 3.104 SZTEJNBERG, X

VALUATION-TEMBA

Additional hour(s) to be arranged. Study of subjects such as financial modeling, derivatives in corporate finance, business valuation, and value-based management. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to students in the Texas Evening MBA program. Class meets October 16-December 4.

• 03570 T 600 - 915P RRH 4.416 SZTEJNBERG, X

FIN 294 17-ADV VALUTN/FINCL MODLNG-MSF

Course number may be repeated for credit when the topics vary. Construction and use of financial models for valuation and decision-making. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Finance 286, 394 (Topic 1: Advanced Corporate Finance), and 397 (Topic 1: Investment Theory and Practice). Restricted to students in the Master of Science in Finance Program. Class meets October 22-December 10.

• 03575 MW 1000 - 1200 GSB 3.104 BUTLER, J

FIN 394 1-ADV CORPORATE FINANCE-MSF

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Advanced corporate financial management in the global marketplace: valuation concepts, optimal capital structure, risk management, corporate control and restructuring, and mergers and acquisitions. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Credit or registration for Finance 286. Restricted to students in the Master of Science in Finance program.

• 03580 TTH 1100 - 1230P GSB 3.106 SCHNEIDER, J

1-ADVANCED CORPORATE FINANCE

Course number may be repeated for credit when the topics vary. Advanced corporate financial management in the global marketplace: valuation concepts, optimal capital structure, risk management, corporate control and restructuring, and mergers and acquisitions. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Credit or registration for Finance 286.

• 03585 TTH 930 - 1100 RRH 5.402 SCHNEIDER, J

8-FINCL STRAT FOR ENERGY FIRMS

Course number may be repeated for credit when the topics vary. An integrated analysis of the interaction between the investment and operating policies of a corporation and its financial strategies, with special emphasis on firms in the energy industry. Prerequisite: Graduate standing and Business Administration 285T or 385T. Prerequisite: Finance 286, 394 (Topic 1), and credit or registration for Finance 397 (Topic 1).

• 03590 MW 200 - 330P RRH 5.420 BUTLER, J

10-NEW VENTURE FINANCE

Course number may be repeated for credit when the topics vary. Explore the process to building a new venture from idea to liquidation event from the perspectives of both the founders as well as sophisticated venture investors. Develop a common financial framework to parse financial instruments through which we can demonstrate the salientpoints of a new venture's value proposition to its stakeholders. Use this framework to scale the model to express managerial controls, confidence, and ultimately the core values such that the founding team could reasonably expect to raise sophisticated capital. Finance 394 (Topic: New Venture Finance) and 294, 394 (Topic 10) may notboth be counted. Prerequisite: Graduate standing and Business Administration 285T or 385T.

• 03595 MW 930 - 1100 RRH 3.414 ALEXANDER, J

11-PRIVATE EQUITY

Course number may be repeated for credit when the topics vary. An examination of the application of advanced corporate finance concepts in the private equity markets. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Finance 286, 394 (Topic 1: Advanced Corporate Finance), and credit or registration for Finance 397 (Topic 1: Investment Theory and Practice).

• 03600 MW 1100 - 1230P RRH 4.402 WILES, K
• 03605 MW 1230 - 200P RRH 4.402 WILES, K
• 03610 MW 200 - 330P RRH 4.402 WILES, K

14-VENTURE CAPTL FELLOWS PROG

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Credit or registration for Finance 286 and 394 (Topic 1).

• 03615 W 630 - 930P RRH 4.402 NOLEN, J

16-CORP FIN/FINCL MKTS-I-DAL

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Restricted to students admitted to the McCombs School of Business. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to cohort I students in the MBA program in Dallas. Mandatory orientation August 5-10. Class meets August 25-November 17. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 03620 COHN, J

16-CORP FIN/FINCL MKTS-I-HOU

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Restricted to students admitted to the McCombs School of Business. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to cohort I students in the MBA program in Houston. Mandatory orientation August 5-10. Class meets August 25-November 17. Taught at UT Health Sciences Center in Houston, Texas.

• 03625 ALMAZAN, A

16-CORP FIN/FINCL MKTS-II-DAL

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Restricted to students admitted to the McCombs School of Business. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to cohort II students in the MBA program in Dallas. Mandatory orientation August 5-10 in Austin, Texas. Class meets August 25-November 17. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 03630 COHN, J

16-CORP FIN/FINCL MKTS-II-HOU

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Restricted to students admitted to the McCombs School of Business. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to cohort II students in the MBA program in Houston. Mandatory orientation August 5-10. Class meets August 25-November 17. Taught at UT Health Sciences Center in Houston, Texas.

• 03635 ALMAZAN, A

16-CORP FIN/FINCL MKTS-TEMBA

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Restricted to students admitted to the McCombs School of Business. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to students in the Texas Evening MBA program. Class meets August 27-December 3. Class also meets September 5.

• 03640 M 600 - 915P RRH 4.408

FIN 395 CORPORATE FINANCE THEORY

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.

• 03644 TTH 200 - 330P GSB 5.154 ALTI, A

April 3, 2017

course	unique	days	time	room	instructor

ECONOMICS OF INFORMATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 03645 TTH 200 - 400P GSB 5.154 FUCHS, W

4-EMPIRCL METHS ASSET PRICING
Course number may be repeated for credit when the topics vary. In-depth study of existing empirical work in asset pricing, including econometric and statistical methods. Prerequisite: Graduate standing and consent of instructor. Restricted to doctoral students.
• 03650 M 1230 - 330P GSB 5.154 GRIFFIN, J

6-CURRENT RESEARCH TPCS IN FIN
Course number may be repeated for credit when the topics vary. Restricted to doctoral students in finance. Prerequisite: Graduate standing and consent of instructor.
• 03655 TTH 1100 - 1230P CBA 6.420 MATVOS, G
W 500 - 700P GSB 2.120

9-APPLIED FINANCE RESEARCH
Course number may be repeated for credit when the topics vary. Provides an opportunity for students to develop and conduct original research. Restricted to doctoral students in finance. Prerequisite: Graduate standing and consent of instructor.
• 03660 F 200 - 500P GSB 2.122 TITMAN, S

FIN 397 TITANS OF INVESTING
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and Business Administration 285T or 385T. meets with FIN 397.
• 03665 W 400 - 630P CBA 6.420 HARRIS, T

TITANS OF INVESTING-MSF
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to students in the Master of Science in Finance program. meets with FIN 372, FIN 397.
• 03670 W 400 - 630P CBA 6.420 HARRIS, T

1-INVESTMENT THEORY & PRAC-MSF
Course number may be repeated for credit when the topics vary. Analysis of the investment decision-making process, asset allocation, security analysis, risk and expected return measurement, asset-pricing models, and international investment. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Credit or registration for Finance 286. Restricted to students in the Master of Science in Finance program.
• 03675 TTH 330 - 500P GSB 3.138 LEEDS, S

1-INVESTMENT THEORY & PRACTICE
Course number may be repeated for credit when the topics vary. Analysis of the investment decision-making process, asset allocation, security analysis, risk and expected return measurement, asset-pricing models, and international investment. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Credit or registration for Finance 286.
• 03680 TTH 1230 - 200P RRH 5.408 ALVES, G
• 03685 TTH 330 - 500P RRH 4.408 CARPENTER, W

4-FINANCIAL RISK MANAGEMENT
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Studies how firms manage their financial risk exposures and how they use derivative securities. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Finance 286 and 397 (Topic 1), and credit or registration for Finance 394 (Topic 1: Advanced Corporate Finance).
• 03690 MW 1100 - 1230P RRH 3.414 RONN, E

6-SPEC TPCS IN INVESTMENT-IFP
Course number may be repeated for credit when the topics vary. Issues and topics in the investment area that are not covered in other courses. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Finance 286 and 397 (Topic 1), and credit or registration for Finance 394 (Topic 1: Advanced Corporate Finance). Restricted to MBA Investment Fund students.
• 03695 TTH 500 - 630P RRH 5.408 ALVES, G

6-SPEC TPCS IN INVESTMENT-RFP
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Issues and topics in the investment area that are not covered in other courses. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Finance 286 and 397 (Topic 1), and credit or registration for Finance 394 (Topic 1: Advanced Corporate Finance). Restricted to McCombs Real Estate Investment Trust Fund students. meets with FIN 366P.
• 03700 T 330 - 630P RRH 3.414 HALLMAN, G

FIN 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in finance and consent of the graduate adviser; for 698B, Finance 698A.
• 03705

FIN 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in finance and consent of the graduate adviser; for 698B, Finance 698A.
• 03710

FIN 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in finance and consent of the supervising faculty member and the graduate adviser.
• 03715

FIN 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 03720

FIN 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 03725

FIN 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 03730

FIN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Finance 399R, 699R, or 999R.
• 03735

FIN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Finance 399R, 699R, or 999R.
• 03740

FIN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Finance 399R, 699R, or 999R.
• 03745

R E 358 INTRO R ESTATE/URB LAND DEV
An examination of the principles of real estate and urban land economics. Subjects include investment, valuation, financing, and publicpolicy in real estate and mortgage markets. Only one of the following may be counted: Real Estate 358, Urban Studies351 (Topic: Introduction to Real Estate and Urban Land Development), 351(Topic 5). Prerequisite: Accounting 310F or 311 or 311H; and Finance 357 or 357H. same as URB 351 (TOPIC 5).
• 03800 MW 800 - 930 CBA 4.328 BOWERS, S
• 03805 MW 930 - 1100 CBA 4.328 BOWERS, S

R E 360 1-TAXATION REAL ESTATE INVEST
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Exposure to accounting practices in the real estate industry. Only one of the following may be counted: Accounting 378 (Topic: Taxation of Real Estate Invest), 178 (Topic 5), 278 (Topic 5), 378 (Topic 5), Real Estate 360 (Topic: Taxation of Real Estate Invest), 360 (Topic 1). Restricted to students in a business major. Prerequisite: Real Estate 358. meets with ACC 380K (TOPIC 27), ACC 378 (TOPIC 5), LAW 379M.
• 03810 MW 1230 - 200P GSB 2.122 SINGER, S

R E 376G REAL ESTATE INVESTMENT
Study of the setting and measurement of property values in real estate markets and an analysis of real estate assets as investments. Prerequisite: Real Estate 358.
• 03815 M 600 - 900P CBA 5.330 CAMPBELL, D

R E 389 REAL ESTATE PRACTICUM
Project-based study with a focus on the application of real estate and finance principles to practical problems. Prerequisite: Graduate standing, Business Administration 285T or 385T, Real Estate 386 (Topic 1: Real Estate Markets), and credit or registration for Finance 286. meets with ARC 386M, CRP 389C.
• 03820 TTH 1100 - 1230P RRH 5.420 HALLMAN, G

DEPARTMENT OF INFORMATION, RISK, AND OPERATIONS MANAGEMENT

Management Information Systems - MIS
Operations Management - O M
Risk Management - R M
Statistics - STA

MIS 301 INTRO TO INFO TECHNOLOGY MGMT
Offered on the letter-grade basis only. Explores how information technology helps to achieve competitive advantage and improve decision making, business processes, operations, and organizational design. Uses a cross-functional perspective to recognize the role of technology across business activities of management, finance, marketing, human resources, and operations. Management Information Systems 301 and 301H may not both be counted. Restricted to students in the McCombs School of Business.
• 03875 MW 800 - 930 GSB 2.122
• 03880 TTH 800 - 930 UTC 1.130
• 03885 TTH 800 - 930 UTC 4.112 RAJAGOPALAN, R
• 03890 MW 930 - 1100 UTC 4.112 ROCK, J
• 03895 TTH 930 - 1100 UTC 4.112 RAJAGOPALAN, R
• 03900 MW 1100 - 1230P UTC 4.112 ROCK, J

April 3, 2018

course	unique	days	time	room	instructor
	• 03905	MW	1230 - 200P	CBA 4.328	JOGLEKAR, V
	• 03910	MW	1230 - 200P	UTC 4.112	ROCK, J
	• 03915	TTH	1230 - 200P	UTC 3.104	JOGLEKAR, V

MIS 302F FOUNDTN INFO TECHNOLOGY MGMT

Explores how information technology helps to achieve competitive advantage and improve decision making, business processes, operations, and organizational design. Uses a cross-functional perspective to recognize the role of technology across business activities of management, finance, marketing, human resources, and operations. Management Information Systems 301 and 302F may not both be counted. May not be counted toward the Bachelor of Business Administration degree. Restricted to students in a non-McCombs School of Business major.

• 03920	MW	1230 - 200P	UTC 2.112A	TUTTLE, J

FOUNDTNS INFO TECH MGMT-WB

Hour(s) to be arranged. Explores how information technology helps to achieve competitive advantage and improve decision making, business processes, operations, and organizational design. Uses a cross-functional perspective to recognize the role of technology across business activities of management, finance, marketing, human resources, and operations. Management Information Systems 301 and 302F may not both be counted. May not be counted toward the Bachelor of Business Administration degree. Restricted to students in a non-McCombs School of Business major. Taught as a Web-based course. Students are encouraged to visit https://my.mccombs.utexas.edu/My/BBA/Registration/Web-Based-Classes to learn more about the course structure and requirements for this class. Additional details provided in the class syllabus.

• 03925				TUTTLE, J

MIS 304 INTRO PROB SOLV & PROGRAMMING

Offered on the letter-grade basis only. Programming skills for creating easy-to-maintain systems for business applications. Object-oriented and structured methodologies with Visual Basic. Restricted to students in the McCombs School of Business.

• 03930	MW	800 - 930	UTC 1.104	SAMANT, A
• 03935	MW	930 - 1100	UTC 1.104	KHOO, H
• 03940	MW	1100 - 1230P	UTC 1.104	KHOO, H
• 03945	MW	1230 - 200P	UTC 1.104	CONLEY, C

MIS 325 DATABASE MANAGEMENT

Offered on the letter-grade basis only. Beginning and intermediate topics in data modeling for relational database management systems. Restricted to students in the McCombs School of Business.

• 03950	MW	800 - 930	UTC 1.116	
• 03955	MW	930 - 1100	UTC 1.116	
• 03960	MW	1100 - 1230P	UTC 1.116	
• 03965	MW	200 - 330P	UTC 1.146	

MIS 333K WEB APPLICATION DEVELOPMENT

Offered on the letter-grade basis only. Concepts and practices of information systems. Advanced programming techniques used to generate menu-driven applications. Restricted to students in a business major. Prerequisite: Management Information Systems 304 and 325 with a grade ofat least C- in each.

• 03970	TTH	930 - 1100	UTC 1.130	GRAY, K
• 03975	TTH	1100 - 1230P	UTC 1.132	GRAY, K
• 03980	TTH	1230 - 200P	UTC 1.132	GRAY, K

MIS 373 HEALTHCARE ANALYTICS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Provides in-depth treatment of business data processing concerns such asdatabase management, telecommunications, and development of commercial systems. Restricted to students in a business major. Prerequisite: Varies with the topic. Prerequisite: O M 334M, 335, or 335H. Topic description: Focuses on key management challenges and learning how data may be leveraged to guide decisions and improve operations with the unifying theme of providing hea lth care services in a manner that leads to lower cost and higher quality. meets with O M 337.

• 03985	TTH	200 - 330P	UTC 1.132	GUPTA, D

19-ENTERPRISE COMPUTING

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Provides in-depth treatment of business data processing concerns such asdatabase management, telecommunications, and development of commercial systems. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Management Information Systems 333K, or equivalent programming experience.

• 03990	TTH	330 - 500P	UTC 1.118	DOAN, E

22-IT AUDIT & SECURITY

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Provides in-depth treatment of business data processing concerns such asdatabase management, telecommunications, and development of commercial systems. Restricted to students in a business major. Prerequisite: Varies with the topic.

• 03995	MW	330 - 500P	SZB 370	

24-MOBILE APPS & WEB SERVICES

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Provides in-depth treatment of business data processing concerns such asdatabase management, telecommunications, and development of commercial systems. An overview of mobile and web services technology models and architectures. Only one of the following may be counted: Management Information Systems365, 373 (Topic: Mobile Apps & Web Services), 173, 273, 373 (Topic 24). Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Management Information Systems 333K.

• 04000	MW	330 - 500P	UTC 1.118	ROCK, J

25-USER GENRTD CONTENT ANLYTCS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Provides in-depth treatment of business data processing concerns such asdatabase management, telecommunications, and development of commercial systems. Designed to showcase the virtually unlimited opportunities that exist today to leverage the power of user generated content analytics. Focuseson a gamut of questions ranging from strategic to operational matters pertaining to a firm's social media initiatives, metrics to capture relevant outcomes, and predictive analysis to link social media chatter to business performance. Management Information Systems 373 (Topic: User Generated Content Analytics) and 173, 273, 373 (Topic 25) may not both be counted. Restricted to students in a business major. Prerequisite: Varies with the topic.

• 04005	TTH	1100 - 1230P	UTC 1.144	BARUA, A

MIS 374 BUSINESS SYSTEM DEVELOPMENT

Offered on the letter-grade basis only. Provides foundation in business system analysis, project management, planning, design, and implementation using basic business knowledge and computer skills. Restricted to students in a business major. Prerequisite: Seventy-five semester hours of college coursework, including Management Information Systems 333K.

• 04010	MW	200 - 330P	CBA 5.328	CONLEY, C
• 04015	MW	330 - 500P	CBA 5.328	TUTTLE, J

MIS 375 STRATEGIC INFO TECHNOLOGY MGMT

Offered on the letter-grade basis only. Designed to develop an understanding and appreciation for the role of information technology in the context of a firm's strategy. Explores the impact of information technology on the economy and business performance, the emergence of electronic business applications and organizational and market transformation, and the nature of technology-driven business models and strategies. Restricted to students in a business major. Prerequisite: Upper-division standing.

• 04020	TTH	800 - 930	CBA 4.304	
• 04025	TTH	930 - 1100	CBA 4.304	
• 04030	TTH	1230 - 200P	CBA 4.326	

MIS 179 INDEP RSCH IN MGMT INFO SYS

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen hours of coursework in business and economics, six of which must be upper-division; Management Information Systems 304 and 325 with a grade of at least B- in each, and consent of instructor; and written approval before the first meeting of the course from the department chair's office, on forms provided for that purpose.

• 04035				

MIS 379 INDEP RSCH IN MGMT INFO SYS

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen hours of coursework in business and economics, six of which must be upper-division; Management Information Systems 304 and 325 with a grade of at least B- in each, and consent of instructor; and written approval before the first meeting of the course from the department chair's office, on forms provided for that purpose.

• 04040				

MIS 381N USER GENRTD CONTENT ANLYTCS

Course number may be repeated for credit when the topics vary. Selected topics in information technology and management of information systems development. Prerequisite: Graduate standing.

• 04045	TTH	200 - 330P	RRH 5.420	BARUA, A

USER GENRTD CONTENT ANLYTCS

Course number may be repeated for credit when the topics vary. Selected topics in information technology and management of information systems development. Prerequisite: Graduate standing. Restricted to students in the MS In Information Technology and Management (option III) program.

• 04050	M	1100 - 200P	GSB 3.106	BARUA, A

1-INTRO DATA MANAGEMENT-MSBA

Course number may be repeated for credit when the topics vary. Selected topics in information technology and management of information systems development. Prerequisite: Graduate standing. Restricted to students in the Master of Science Business Analytics program.

• 04055	W	1100 - 200P	GSB 3.106	

April 3, 2018

course	unique	days	time	room	instructor

4-DECISION SUPPORT SYSTEMS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Selected topics in information technology and management of information systems development. Prerequisite: Graduate standing.
• 04060 WHINSTON, A

27-STRATEGS FOR NETWORKED ECON
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Selected topics in information technology and management of information systems development. Analyzes the competitive dynamics of platform-mediated networks; explores innovations like cloud computing in supporting network-based competition, the implications of information technology-enabled global sourcing, and business intelligence for business value and competitive advantage; and discusses the role of information technology in business transformation and making a case for information technology investments. Prerequisite: Graduate standing.
• 04065 TTH 930 - 1100 RRH 5.408 BARUA, A

MIS 382N ADV PREDICTIVE MODELING-MSBA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Restricted to students in the Master of Science Business Analytics program.
• 04070 TTH 1230 - 200P GSB 3.104 GHOSH, J

BUSINESS DATA SCIENCE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Restricted to students in the MS In Information Technology and Management program.
• 04075 TTH 1230 - 200P GSB 3.106 DIMAKIS, G

BUSN ANLYTCS INDPNDNT STUDY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Restricted to students in the Master of Science Business Analytics program.
• 04080

MARKETING ANALYSIS I-MSBA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Restricted to students in the Master of Science Business Analytics program.
• 04085 TTH 200 - 330P GSB 3.104 SONNIER, G

MIS 383N INFORMATION POLICY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics in management of information in specific industries or application areas. Prerequisite: Graduate standing. meets with P A 388K, INF 390N, RTF 393N.
• 04090 M 900 - 1200 SRH 3.221 NEWELL, A

MIS 284N BIG DATA/DISTR PROGRAMMING
Course number may be repeated for credit when the topics vary. Selected topics in business analytics. Restricted to students admitted to the Master of Science in Information, Risk, and Operations Management. Prerequisite: Graduate Standing; additional perquisites vary with the topic. Restricted to students in the MS in Information Technology and Management program. Class meets August 30-October 19. meets with MIS 284N.
• 04095 TTH 900 - 1100 GSB 3.106 YERRABALLI, R

DATA MANAGEMENT
Course number may be repeated for credit when the topics vary. Selected topics in business analytics. Restricted to students admitted to the Master of Science in Information, Risk, and Operations Management. Prerequisite: Graduate Standing; additional perquisites vary with the topic. Restricted to students in the MS in Information Technology and Management program. Class meets August 30-October 19.
• 04100 TTH 200 - 400P GSB 3.106

EMERGING TECHNOLOGIES I
Course number may be repeated for credit when the topics vary. Selected topics in business analytics. Restricted to students admitted to the Master of Science in Information, Risk, and Operations Management. Prerequisite: Graduate Standing; additional perquisites vary with the topic. Restricted to students in the MS in Information Technology and Management program. Class meets October 23-December 19. meets with MIS 284N.
• 04105 TTH 900 - 1100 GSB 3.106 JULIEN, C

TEXT ANALYSIS-MSBA
Course number may be repeated for credit when the topics vary. Selected topics in business analytics. Restricted to students admitted to the Master of Science in Information, Risk, and Operations Management. Prerequisite: Graduate Standing; additional perquisites vary with the topic. Restricted to students in the Master of Science Business Analytics program. Class meets August 29, September 7, October 11, and 16-19.
• 04110 TTH 400 - 600P GSB 3.106 BARUA, A

MIS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in information, risk, and operations management and consent of the graduate adviser; for 698B, Management Information Systems 698A.
• 04115

MIS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in information, risk, and operations management and consent of the graduate adviser; for 698B, Management Information Systems 698A.
• 04120

MIS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in information, risk, and operations management and consent of the supervising faculty member and the graduate adviser.
• 04125

MIS 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 04130

MIS 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 04135

MIS 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.
• 04140

MIS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management Information Systems 399R, 699R, or 999R.
• 04145

MIS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management Information Systems 399R, 699R, or 999R.
• 04150

MIS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management Information Systems 399R, 699R, or 999R.
• 04155

O M 334M HEALTHCARE OPERATIONS MGMT
Offered on the letter-grade basis only. Overview of healthcare operations management. Focus on process diagramming, vocabulary, and analysis of effects of variability on healthcare operations in terms of increasing waiting lines, inventory, and patient safety issues. Focus on modern process improvement methodologies. Only one of the following may be counted: Operations Management 334M, 335, 335H, and 337 (Topic: Healthcare Operations). Prerequisite: Upper division standing, and credit or registration for one of the following: Economics 329, Educational Psychology 371, Mathematics 316, 358K, Statistics 309, 309H, Statistics and Data Sciences 302, 304, 306, 328M.
• 04210 TTH 330 - 500P UTC 1.104 ANDERSON, E

O M 335 OPERATIONS MANAGEMENT
Offered on the letter-grade basis only. The operations or production function and the skills required for analyzing and solving related problems. Only one of the following may be counted: Operations Management 334M, 335, 335H. Restricted to business majors. Prerequisite: Credit or registration for Business Administration 324 or 324H and credit or registration for Statistics 309 or 309H.
• 04215 TTH 1100 - 1230P UTC 4.112 CHEHRAZI, N
• 04220 MW 1230 - 200P UTC 3.104 MORRICE, D
• 04225 TTH 1230 - 200P UTC 4.112 CHEHRAZI, N
• 04230 MW 200 - 330P UTC 4.132 HASLER, M

O M 335H OPERATIONS MANAGEMENT: HONORS
Offered on the letter-grade basis only. An investigation of the operations or production function, and the skills required for analyzing and solving related problems. Only one of the following may be counted: Operations Management 334M, 335, 335H. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Business Administration 324H, Economics 304K and 304L, andStatistics 309 or 309H.
• 04235 TTH 1230 - 200P CBA 5.330 BAGCHI, U

O M 337 HEALTHCARE ANALYTICS
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Restricted to students in a business major. Prerequisite: Varies with the topic. Prerequisite: O M 334M, 335, or 335H. Topic description: Focuses on key management challenges and learning how data may be leveraged to guide decisions and improve operations with the unifying theme of providing heal th care services in a manner that leads to lower cost and higher quality. meets with MIS 373.
• 04240 TTH 200 - 330P UTC 1.132 GUPTA, D

3-PROCUREMENT & SUPPLIER MGMT
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Strategic issues in procurement and supplier management; review of competitive analysis and benchmarking; the purchasing role in fulfilling a firm's operational and competitive strategies; supplier evaluation, development, and relationship management; negotiat-

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ing with suppliers forresults; and commodity planning. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Operations Management 334M, 335 or 335H with a grade of at least C-.
• 04245 TTH 200 - 330P UTC 1.104 HASLER, M

5-PROJECT MANAGEMENT
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Seventy-five semester hours of coursework, including Operations Management 334M, 335 or 335H with a grade of at least C-.
• 04250 TTH 330 - 500P CBA 4.330 BURKE, C

6-SUPPLY CHAIN ANALYTICS
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Study of dynamic demand forecasting models based on both, data aggregation as well as based on the hierarchical aggregation of point-of-sale predictive analytics. Learn to use the developed predictive dynamic models for operations planning and operations decision making. Operations Management 337 (Topic: Supply Chain Analytics) and 137, 237, 337 (Topic 6) may not both be counted. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Credit or registration for Operations Management 334M, 335, or 335H.
• 04255 MW 1100 - 1230P CBA 4.330 GUTIERREZ, G

7-NEW PRODUCT DEVELOPMENT
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. The integration of supply chain management into the product design and development process. Focuses on skills and knowledge involving product development and incorporating supply chain considerations. Emphasis on designing products that optimize the supply chain while maintaining the products vision from concept to customer Operations Management 337 (Topic: PRODUCT DEVELOPMENT) and 137, 237, 337(Topic 7) may not both be counted. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Operations Management 334M, 335 or 335H with a grade of at least C-.
• 04260 MW 930 - 1100 UTC 4.104 ANDERSON, M

O M 338 SUPPLY CHAIN MODLNG/OPTIMIZ
Offered on the letter-grade basis only. Framing, formulating, and applying quantitative optimization and descriptive models to support supply chain and operations management decisions, using spreadsheets and other software. Requires familiarity with spreadsheets. Operations Management 337 (Topic 2) and 338 may not both be counted. Restricted to business majors. Prerequisite: Credit or registration for Operations Management 334M, 335or 335H.
• 04265 MW 930 - 1100 UTC 1.146 BALAKRISHNAN, A

O M 366P OPERATIONS MGMT PRACTICUM
Offered on the letter-grade basis only. Students apply skills in their major area and focus on additional project management skills through group projects conducted in a professional setting. Students may work with a private or a public enterprise. Restricted to business majors. Prerequisite: Completion of at least forty-five semester hours of college coursework, and credit or registration for Operations Management334M, 335 or 335H.
• 04270 MW 1230 - 200P CBA 4.330 ANDERSON, M

O M 367 STRATEGIC SUPPLY CHAIN MGMT
Offered on the letter-grade basis only. Management of manufacturing process technology in international competition. Restricted to students in a business major. Prerequisite: Operations Management 334M or 335 or 335H with a grade of at least C-; and 338.
• 04275 TTH 1100 - 1230P UTC 1.116 BAGCHI, U

O M 368 LOGISTICS AND INVENTORY MGMT
Offered on the letter-grade basis only. Analysis of the entire flow of information, materials, and services fromsuppliers through factories and warehouses to the end customer. Includeslogistics, supplier selection, and inventory management, using case studies, optimization, and simulation. Restricted to students in a business major. Prerequisite: Operations Management 334M or 335 or 335H, with a grade ofat least C-; and credit or registration for 338.
• 04280 MW 200 - 330P CBA 4.328 MORRICE, D

O M 179 INDEP RSCH IN OPERATIONS MGMT
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Management 336 or 336H, Operations Management 334M or 335 or 335H with a grade of at least C-; consent of instructor; and written approval before the first meeting of the course from the department chair's office on forms available for that purpose.
• 04285

O M 379 INDEP RSCH IN OPERATIONS MGMT
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of BusinessAdministration: Accounting 179C, 379C, Business, Government, and Society179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Management 336 or 336H, Operations Management 334M or 335 or 335H with a grade of at least C-; consent of instructor; and written approval before the first meeting of the course from the department chair's office on forms available for that purpose.
• 04290

O M 380 17-SUPPLY CHAIN ANALYTICS-MSBA
Course number may be repeated for credit when the topics vary. Supply chain analytics combines analytical tools with technology to identify trends, compare performance and highlight improvement opportunities in supply chain areas including sourcing, inventory management, manufacturing, quality, sales and logistics. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Consent of instructor. Restricted to students in the Master of Science Business Analytics program.
• 04295 MW 330 - 500P GSB 3.130 GUTIERREZ, G

O M 386 HEALTHCARE ANALYTICS
Course number may be repeated for credit when the topics vary. Strategic problems, policies, models, and concepts for the design and control of new or existing operations systems. Prerequisite: Graduate standing.
• 04300 TTH 1100 - 1230P RRH 2.238 GUPTA, D

SUPPLY CHAIN MANAGEMENT
Course number may be repeated for credit when the topics vary. Strategic problems, policies, models, and concepts for the design and control of new or existing operations systems. Prerequisite: Graduate standing. meets with BGS 381.
• 04305 TTH 1230 - 200P RRH 3.414 GILBERT, S

5-MANAGING PROJECTS
Course number may be repeated for credit when the topics vary. Strategic problems, policies, models, and concepts for the design and control of new or existing operations systems. Prerequisite: Graduate standing.
• 04310 TTH 1100 - 1230P RRH 3.414 BURKE, C

O M 392 OPERATIONS AND FINANCE
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Intensive analysis of operations management issues. Prerequisite: Admission to the doctoral degree program and consent of instructor.
• 04315

R M 357E INTRO TO RISK MANAGEMENT
Principles of risk management for individuals and organizations, financial aspects of insurance companies and markets, industry structure, managerial aspects of underwriting and pricing, and public policy issues. Only one of the following may be counted: Risk Management 357E, Urban Studies 351 (Topic: Intro to Risk Management), 351 (Topic 6). same as URB 351 (TOPIC 6).
• 04370 MW 800 - 930 UTC 4.134 MCCLELLAN, C

R M 369K MANAG EMPLOYEE RISKS & BENEFIT
Risk management issues involving financial consequences of life and health contingencies, health care finance, company management, pension planning, economics of industry structure, and public policy issues.
• 04375 TTH 200 - 330P CBA 4.348 BROCKETT, P

R M 179 INDEP RSCH IN RISK MANAGEMENT
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business Government and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, including Risk Management 357E; consent of instructor; written approval before the first meeting of the course from the department chair's office, on forms provided for that purpose.
• 04380

R M 379 INDEP RSCH IN RISK MANAGEMENT
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business Government and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, including Risk Management 357E; consent of instructor; written approval before the first meeting of the course from the department chair's office, on forms provided for that purpose.
• 04385

R M 392 1-MODELING/OPTMZATN IN FNCE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 04390 TTH 330 - 500P RRH 3.304 CHEHRAZI, N

R M 194 DECISION ANALYSIS-MSBA
Course number may be repeated for credit when the topics vary. Selected topics in business analytics. Restricted to students admitted to the Master of Science in Information, Risk, and Operations Management program. Prerequisite: Graduate standing.

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Restricted to students in the Master of Science Business Analytics program. Class meets October 22-November 28.

• 04395	MW	1230 - 200P	GSB 3.130	DYER, J

R M 395 — 7-MANAGING INTERNATIONAL RISK

Course number may be repeated for credit when the topics vary. The global aspects of risk management; basic risk and crisis management principles pertinent to multinational firms; financially, legally, and culturally multinational marketplaces such as reinsurance markets, captive offshore insurance. Prerequisite: Graduate standing.

• 04400	TTH	930 - 1100	RRH 3.414	BROCKETT, P

STA 309 — ELEMENTARY BUSINESS STATISTICS

Offered on the letter-grade basis only. Training in the use of data to gain insight into business problems; describing distributions (center, spread, change, and relationships), producing data (experiments and sampling), probability and inference (means, proportions, differences, regression and correlation). Only one of the following may be counted: Economics 329, Statistics 309,309H. Only one of the following may be counted: Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301. Restricted to students in the McCombs School of Business. Prerequisite: Credit or registration for Mathematics 408D, 408L, or 408S.

• 04455	MW	800 - 930	UTC 1.130	BILGIN, E
• 04460	TTH	800 - 930	CBA 4.348	LUKOFF, B
• 04465	MW	930 - 1100	GSB 2.122	GREENBERG, B
• 04470	TTH	930 - 1100	UTC 1.144	MOLISKI, E
• 04475	MW	1100 - 1230P	GSB 2.122	GREENBERG, B
• 04480	TTH	1100 - 1230P	PAR 201	ZHAO, L
• 04485	TTH	1230 - 200P	GSB 2.122	MOLISKI, E
• 04490	TTH	200 - 330P	GSB 2.122	MOLISKI, E

STA 371G — STATISTICS AND MODELING

Offered on the letter-grade basis only. Focuses on methods used to model and analyze data. Explores multiple regression models and their application in the functional areas of business, time-series models, decision analysis and the value of information, and simulation-based methods. Only one of the following may be counted: Statistics 371G, 371H, 375, 375H. Restricted to students in a business major. Prerequisite: Management Information Systems 301, 301H, or 310; Statistics 309 or 309H; and credit or registration for Business Administration 324 or 324H.

• 04495	TTH	800 - 930	UTC 4.134	ENCHEVA, T
• 04500	MW	930 - 1100	UTC 4.134	
• 04505	TTH	930 - 1100	UTC 4.134	ENCHEVA, T
• 04510	MW	1230 - 200P	UTC 4.134	
• 04515	MW	200 - 330P	UTC 4.134	ZHOU, M
• 04520	TTH	200 - 330P	UTC 4.112	
• 04525	MW	330 - 500P	UTC 4.122	MOLISKI, E
• 04530	MW	330 - 500P	UTC 4.134	ZHOU, M
• 04535	TTH	330 - 500P	UTC 4.112	

STA 372 — 6-OPTIMIZATN MTHDS IN FINANCE

Course number may be repeated for credit when the topics vary. Explores quantitative methods and techniques in optimization and simulation, and their use in financial decision making. Discusses theoryand application in portfolio selection, options and other derivative pricing, index tracking, risk measures, volatility estimating. Specific subjects will include linear, quadratic, nonlinear, and integer programming; dynamic programming; robust optimization; Monte Carlo methods and variance reduction techniques. Emphasis will be placed on problem solving with advanced computational programming languages. Only one of the following may be counted: Finance 372 (Topic: OPTIMIZATION METHOD IN FINANCE), 372 (Topic 6), Statistics 372 (Topic 6). Restricted to students in the McCombs School of Business. Prerequisite: Upper-division standing, and Statistics 309 or 309H with agrade of at least C-; additional prerequisites vary with the topic. Additional prerequisite: Statistics 371G, 371H, 375, or 375H. meets with FIN 372 (TOPIC 6).

• 04540	TTH	930 - 1100	UTC 3.134	MUTHURAMAN, K

STA 380 — 10-MATH STATISTICS FOR APPLICS

Course number may be repeated for credit when the topics vary. Selected topics in the applications of statistical methods to business problems. Introduction to the basic concepts of probability and mathematical statistics for doctoral degree students who plan to use statistical methods in their research but do not need a highly mathematical development of the subject. Topics include probability distributions and estimation theory and hypothesis testing techniques. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: A calculus course covering integration and differentiation.

• 04545				SAGER, T

STA 284N — ADVANCED STATISTICS AND ECONOM

Course number may be repeated for credit when the topics vary. Selected topics in business analytics. Restricted to students admitted to Master's of Science in Information, Risk, and Operations Management program. Prerequisite: Graduate standing.

• 04550	MW	1230 - 200P	RRH 3.406	CARVALHO, C

STA 287 — BUSN ANLY/DECIS MODLING-TEMBA

Introduction to some of the basic concepts in quantitative business analysis that are used to support organizational decision making over various time frames. Explores methods that apply to all areas of an organization, with emphasis on financial decision making. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Texas Evening MBA program. Class meets August 28-October 9.

• 04555	T	600 - 915P	RRH 4.416	DYER, J

DEPARTMENT OF MANAGEMENT

Management - MAN

MAN 320F — FNDTNS MGMT & ORG BEHAVIOR-WB

Hour(s) to be arranged. An introduction to the management of organizations. Issues are addressed from the perspectives of strategy and planning, organizational behavior, and operations management. Management 320F and 336 may not both be counted. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Prerequisite: Upper-division standing. Taught as a Web-based course. Students are encouraged to visit https://my.mccombs.utexas.edu/My/BBA/Registration/Web-Based-Classes to learn more about the course structure and requirements for this class. Additional details provided in the class syllabus.

• 04610				AROIAN, M

FNDTNS OF MGMT & ORG BEHAVIOR

Designed to accommodate 100 or more students. An introduction to the management of organizations. Issues are addressed from the perspectives of strategy and planning, organizational behavior, and operations management. Management 320F and 336 may not both be counted. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Prerequisite: Upper-division standing.

• 04615	TTH	200 - 330P	WCH 1.120	AROIAN, M
• 04620	TTH	330 - 500P	WCH 1.120	AROIAN, M

MAN 325 — STRATEG HUMAN RESOURCES MGMT

Overview of the personnel function, covering recruitment, compensation, equal employment, job analysis, training, benefits, employee discipline, collective bargaining, safety, and health. Restricted to students in a business major. Prerequisite: Credit or registration for Management 336 or 336H.

• 04625	TTH	330 - 500P	CLA 1.102	LOESCHER, K

MAN 327 — INNOVATION/ENTREPRENEURSHIP

Offered on the letter-grade basis only. Explores the theoretical foundations and research evidence underlying innovation and entrepreneurship. Subjects include discovering and creating new sources of value, recognizing and evaluating opportunities, generating business models, engaging stakeholders, shaping markets, and competing against larger competitors and entrenched institutions. Management 327 and 327H may not both be counted. Prerequisite: Twenty-four semester hours of college credit.

• 04630	TTH	800 - 930	UTC 1.132	PRITCHETT, K

INNOVATION/ENTREPRENEURSHIP

Offered on the letter-grade basis only. Explores the theoretical foundations and research evidence underlying innovation and entrepreneurship. Subjects include discovering and creating new sources of value, recognizing and evaluating opportunities, generating business models, engaging stakeholders, shaping markets, and competing against larger competitors and entrenched institutions. Management 327 and 327H may not both be counted. Prerequisite: Twenty-four semester hours of college credit. Restricted to McCombs School of Business students and College of Natural Sciences students in the Herb Kelleher Center Intensive Program.

• 04635	TTH	930 - 1100	UTC 1.132	PRITCHETT, K

MAN 327E — NEW VENTURE MECHANICS

Offered on the letter-grade basis only. Starting up a new venture involves a wide range of decisions, activities, and processes such as those involved in identifying the potential of an idea, developing and protecting an idea, building a new venture team, creating a business plan, obtaining resources, and establishing a business entity. Covers the basic analytical tools and processes involved in all these aspects of founding a new business. Management 327E and 337 (Topic: New Venture Mechanics) may not both be counted. Prerequisite: Twenty-four semester hours of college credit.

• 04640	TTH	1230 - 200P	CBA 4.304	PETERSON, M
• 04645	TTH	200 - 330P	CBA 4.304	PETERSON, M

MAN 327H — INNOVTN/ENTREPRNRSP: HONORS

Offered on the letter-grade basis only. Examines the knowledge and skills used to discover and create new sources of value, develop ideas into viable businesses, recognize and shape opportunities, generate new business models, engage with the ecosystem of new ventures, launch new businesses, and manage an innovation portfolio. Draws on various theoretical foundations, researchevidence, and business cases to develop an understanding of effectiveness in entrepreneurship and innovation. Management 327 and 327H may not both be counted. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Twenty-four semester hours of college credit, including Mathematics 408D, 408L, or 408S and credit or registration for Business Administration 324H.

• 04650	MW	800 - 930	CBA 5.328	HANNAH, D
• 04655	MW	930 - 1100	CBA 5.328	HANNAH, D
• 04660	MW	1100 - 1230P	CBA 5.328	HANNAH, D

MAN 328 — CONSULTING & CHANGE MANAGEMENT

Designed to develop the fundamental change knowledge and consulting skills of students who plan to work with organizations as change agents,whether internally as managerial employees or externally as outside consultants. Restricted to students in a business major. Prerequisite: Management 336 or 336H with a grade of at least C-.

• 04665	TTH	1230 - 200P	UTC 1.130	EDWARDS, K

MAN 334M — HEALTHCARE SYSTEM MANAGEMENT

Offered on the letter-grade basis only. Introduction to the business ecosystem of the U.S. healthcare industry using a multi-disciplinary approach to investigate business

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structures, processes, and outcomes of health services in America. Explores the functionality of various healthcare components. Management 334M and 337 (Topic: Healthcare System Management) may not both be counted. Prerequisite: Upper-division standing.
• 04670 TTH 1100 - 1230P UTC 1.130 LOESCHER, K

MAN 336 ORGANIZATIONAL BEHAVIOR
Offered on the letter-grade basis only. The process of managing organizations and the behavior of individuals and groups within the organizational setting. Management 336 and 336H may not both be counted. Restricted to students in a business major. Prerequisite: Credit or registration for Business Administration 324 or 324H; and credit or registration for three semester hours of coursework in anthropology, psychology, or sociology, or Educational Psychology 304.
• 04675 TTH 800 - 930 UTC 1.104 PASSOVOY, D
• 04680 TTH 1100 - 1230P UTC 1.104
• 04685 MW 1230 - 200P CBA 4.332 THURMAN, T
• 04690 TTH 1230 - 200P UTC 1.104 PASSOVOY, D
• 04695 MW 200 - 330P UTC 1.104 PASSOVOY, D
• 04700 MW 200 - 330P UTC 1.132 PRITCHETT, K
• 04705 TTH 930 - 1100 UTC 1.118
• 04710 MW 330 - 500P UTC 1.132 PRITCHETT, K

MAN 336H ORGANIZATNL BEHAVIOR-HONORS
Offered on the letter-grade basis only. An exploration of the process of managing organizations and the behaviorof individuals and groups within the organizational setting. Management 336 and 336H may not both be counted. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Accounting 312H; credit or registration for Business Administration 324H; and thirty semester hours of coursework, including credit or registration for three semester hours of coursework in anthropology, psychology, or sociology, or Educational Psychology 304.
• 04715 MW 930 - 1100 CBA 4.324 THURMAN, T

MAN 137 LONGHORN STARTUP SEMINAR
Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Prerequisite: Varies with the topic. meets with E S 177, COM 125, C S 178, F A 170.
• 04720 TH 600 - 800P GDC 2.216 BAER, J

MAN 337 4-LEADING FOR IMPACT
Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Explore leadership and personal development by engaging in personal assessments, action planning, peer discussion, and self-reflection in an interactive format. Management 337 (Topic: Leading for Impact) and 137, 237, 337 (Topic 4) may not both be counted. Restricted to students in the McCombs School of Business. Prerequisite: Varies with the topic.
• 04725 MW 1230 - 200P UTC 4.132 BARTEL, C
• 04730 MW 1100 - 1230P UTC 1.130 BARTEL, C

5-TECH TRANSFER/ENTRPRNSHP
Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Explores creating wealth from scientific discovery, which is the core ofany business enterprise. Flight, computers, automobiles cell phones and petroleum enterprises all start with science. Divided into teams which design a business model for wealth creation around a patent (science), this activity is grounded in the entrepreneurial process, which includes business models, eco-systems, funding the enterprise, and business plans. Teams present their "big idea" that is grounded in patents at the end of the class period. Management 337 (Topic: Technology Transfer and Entrepreneurship) and 137, 237, 337 (Topic 5) may not both be counted. Restricted to students in a business major. Prerequisite: Varies with the topic.
• 04735 MW 930 - 1100 CBA 4.332 BUTLER, J

21-ART AND SCI OF NEGOTIATION
Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Designed to help students develop a broad array of negotiation skills and to understand negotiations in useful analytical frameworks. Emphasis is placed on simulations, role-playing, and cases. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Management 336 or 336H with a grade of at leastC-.
• 04740 MW 930 - 1100 UTC 1.130 BURROWS, J
• 04745 TTH 200 - 330P UTC 1.130 EDWARDS, K

MAN 347P ENTREPRENEURSHIP PRACTICUM
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Application of entrepreneurship skills and focus on additional project management skills through individual or group assignments conducted in an entrepreneurial setting, focusing on new business development either within existing companies (corporate entrepreneurship) or as stand-aloneventures (entrepreneurship). Prerequisite: Upper-division standing.
• 04749 M 330 - 630P CBA 4.332 PETERSON, M

MAN 366P MGMT PRACT: SOCL ENTRPRNSHP I
Focuses on developing business plans through a semester-long project. Explores non-profit, for-profit, and hybrid organizations and how they deal with corporate social responsibility. Management 366P and 369P may not both be counted. Prerequisite: Upper-division standing; and Management 320F, 336, or 336H.
• 04750 MW 330 - 500P UTC 1.104 PASSOVOY, D

MAN 369P SOCIAL INNOVATION PRACTICUM
Offered on the letter-grade basis only. Explores a broad overview of the field of social innovation, and examines concepts and tools that support the creation of social ventures. Includes creating a social venture, articulating its vision, creating a business plan, choosing an organizational form, and assessingthe venture's financial and social impact. Management 366P and 369P may not both be counted. Prerequisite: Upper-division standing.
• 04755 TTH 1230 - 200P CBA 4.344 KOTHARE, M

MAN 374 GENERAL MANAGEMENT & STRATEGY
Designed to enable students to analyze business situations from the point of view of the practicing general manager. Addresses key tasks involved in general management, including strategic decisions that ensure the long-term health of the entire firm or a major division. Management 374 and 374H may not both be counted. Restricted to students in a business major. Prerequisite: Seventy-five semester hours of coursework, including: Management 336 or 336H; credit or registration for Finance 357 or 357H, and Marketing 337 or 337H; and credit or registration for one of the following: Accounting 353J, 366P, Business Administration 353, 353H, Finance 353, 366P, Management 347P, 353, 366P, 367P, 369P, Management Information Systems 353, 366P, Marketing 353, 366P, Operations Management 353, or 366P.
• 04760 MW 800 - 930 CBA 4.304 HENDERSON, A
• 04765 MW 930 - 1100 CBA 4.304 HENDERSON, A
• 04770 TTH 930 - 1100 CBA 4.324 RANGANATHAN, R
• 04775 TTH 1230 - 200P CBA 4.324 RANGANATHAN, R

MAN 374H GENERAL MGMT & STRATEGY: HON
Offered on the letter-grade basis only. Designed to enable students to analyze business situations from the point of view of the practicing general manager. Addresses key tasks involved in general management, including strategic decisions that ensure the long-term health of the entire firm or a major division. Management 374 and 374H may not both be counted. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Senior standing; Finance 357H; Management 336H; Marketing 337H; credit or registration for Operations Management 335H; and credit or registration for one of the following: Accounting 353J, 366P, Business Administration 353, 353H, Finance 353, 366P, Management 347P, 353, 366P, 367P, 369P, Management Information Systems 366P, Marketing 366P, Operations Management 353, or 366P.
• 04780 TTH 1100 - 1230P CBA 4.324 RANGANATHAN, R

MAN 179C INDEPENDENT RSCH IN MANAGEMENT
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business, Government, and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Management 336 or 336H with a grade of at least C-; consent of instructor; written approval before the first meeting of the course from the department chair's office on forms provided for that purpose.
• 04785

MAN 379C INDEPENDENT RSCH IN MANAGEMENT
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business, Government, and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Management 336 or 336H with a grade of at least C-; consent of instructor; written approval before the first meeting of the course from the department chair's office on forms provided for that purpose.
• 04790

MAN 383 16-LEADING PEOPLE/ORGS-EMBA
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Designed to increase the student's effectiveness as a manager through discussion of organizational behavior and design, and guidelines for applying these concepts. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Restricted to students in the Executive MBA program. Mandatory seminar August 12-17. Class meets August 31-December 1.
• 04795 BURROWS, J

16-LEADING PEOPLE/ORGS-TEMBA
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Designed to increase the student's effectiveness as a manager through discussion of organizational behavior and design, and guidelines for applying these concepts. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Restricted to students in the Texas Evening MBA program. Mandatory orientation August 17-19. Class meets August 27-October 8. Class also meets September 5.
• 04800 M 600 - 915P RRH 4.416 MURPHY, S

20-ART AND SCI OF NEGOTIATION
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Admission to the McCombs School of Business.
• 04805 MW 930 - 1100 RRH 5.408 DIERKING, D

March 3, 2017

course	unique	days	time	room	instructor
	• 04810	MW	1100 - 1230P	RRH 5.408	DIERKING, D
	• 04815	MW	200 - 330P	RRH 3.406	DIERKING, D
	• 04820	MW	330 - 500P	RRH 3.406	

MAN 385 LEADERSHIP DEVELOPMENT

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 04825	M	330 - 630P	RRH 3.414	STEPHENS, D

LEADERSHIP DEVELOPMENT-UT/CHI

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Class meets September 25-December 13. Mandatory field trip January 4-14.taught in the Aysen region near Coyhaique, Chile. Students must consult with the department as travel and orientation dates may be in addition t o these dates.

• 04830	TTH	330 - 500P	RRH 3.406	COURTER, S

MNG CORP RSTR/TURN-ARND/BNKRTY

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 04835	TTH	1230 - 200P	RRH 3.406	COURTER, S

OPPORTUNITY IDENT AND ANALYSIS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 04840	TTH	930 - 1100	RRH 5.420	DOGGETT, J

TEXAS VENTURE LABS PRACTICUM

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Consent of instructor. meets with PGS 380M, M E 397, LAW 379M, E M 397, E E 390V, ASE 396.

• 04845	M	600 - 900P	ATT M1030	BUTLER, J

22-NEW VENTURE CREATION

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with E M 397, LAW 379M.

• 04850	TTH	930 - 1100	RRH 3.304	ADAMS, R

24-ENTREPRENEURIAL GROWTH

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 04855	TTH	1230 - 200P	RRH 5.420	DOGGETT, J

33-MANAG & MKT IN GLOBAL ARENA

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 04860	W	500 - 800P	RRH 5.408	DOGGETT, J

36-POWER AND POLITICS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Covers skills and techniques to gain power and influence in organizations as political entities. Includes cases, business press, andtheoretical articles. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 04865	M	330 - 630P	RRH 3.414	BURRIS, E

61-PERSPECTVS ON PUBLIC POLICY

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Designed to prepare MBA students, both as individuals and in their professional careers as managers and leaders, for active and effective participation in the democratic process. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with LAW 371R, P A 383C.

• 04870	F	900 - 1200	SRH 3.122	INMAN, B

62-CORPORATE GOVERNANCE

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Examines the roles and responsibilities of organizational leadership in a variety of settings, including large and small companies, startups andestablished companies, global, single-country, and single-region companies, and nonprofit entities. Only one of the following may be counted: Management 285 (Topic 62), 385(Topic 62), Marketing 382 (Topic: Corporate Governance), 282 (Topic 31),382 (Topic 31) Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with LAW 354D, MKT 382 (TOPIC 31).

• 04875	TH	330 - 630P	RRH 4.314	CUNNINGHAM, W

64-ENTERPRS OF TECH: MIND-MKT

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Focuses on moving an idea from the mind of the researcher to the marketplace by examining the activities involved in commercializing a technology from conception to profitable enterprise. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with M E 395.

• 04880	T	330 - 630P	ETC 5.132	NICHOLS, S

MAN 390 4-SMNR IN ORGANIZATNL BEHAVIOR

Course number may be repeated for credit when the topics vary. Intensive analysis of organizational science issues. Prerequisite: Admission to the doctoral degree program and consent of instructor.

• 04885	T	1100 - 200P	CBA 4.204	BARTEL, C

5-SMNR IN ORGANIZATION THEORY

Course number may be repeated for credit when the topics vary. Intensive analysis of organizational science issues. Prerequisite: Admission to the doctoral degree program and consent of instructor.

• 04890	W	200 - 500P	CBA 4.204	BERMISS, Y

MAN 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in management and consent of the supervising faculty member and the graduate adviser; for 698B, Management 698A.

• 04895

MAN 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in management and consent of the supervising faculty member and the graduate adviser; for 698B, Management 698A.

• 04900

MAN 398R MASTER'S REPORT

Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing, enrollment in the doctoral program in management, and consent of the supervising faculty member and graduate adviser.

• 04905

MAN 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.

• 04910

MAN 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.

• 04915

MAN 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and fulfillment of the language requirement for the doctoral degree.

• 04920

MAN 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Management 399R, 699R, or 999R.

• 04925

MAN 699W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Management 399R, 699R, or 999R.

• 04930

MAN 999W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Management 399R, 699R, or 999R.

• 04935

DEPARTMENT OF MARKETING

International Business - I B
Marketing - MKT

I B 320F FOUNDATIONS OF INTERNATL BUSN

Designed to accommodate 100 or more students. Fundamentals of international trade and the international economy; international dimensions of several functional areas of business, including management, marketing, finance, and human resource management; theoretical, institutional, and functional foundations of international business. May not be counted toward the Bachelor of Business Administration degree. Only one of the following courses may be counted: Economics 339K, European Studies 348 (Topic 2: International Trade), International Business 320F, 350, 350S. Restricted to non-McCombs School of Business majors. Prerequisite: Upper-division standing.

• 04990	M	500 - 800P	UTC 2.102A	

I B 350 INTERNATIONAL TRADE

Study of the principles, policies, and problems of the international exchange of goods and investments. Only one of the following may be counted: Economics 339K, European Studies 348 (Topic 2), International Business 320F, 350, 350S. Prerequisite: Upper-division standing. Restricted to McCombs School of Business majors. same as EUS 348 (TOPIC 2).

• 04995	MW	930 - 1100	CBA 4.330	MENDEZ, D
• 05000	MW	200 - 330P	CBA 4.330	MENDEZ, D
• 05005	MW	330 - 500P	CBA 4.330	MENDEZ, D

March 3, 2018

course	unique	days	time	room	instructor

I B 151S — INDEP INTERNATNL ANALYSIS

Hour(s) to be arranged. Offered on the letter-grade basis only. Country analysis by independent study. Designed for marketing majors whoparticipate on a McCombs summer faculty led program. Restricted to students in a business major. Prerequisite: Credit or registration for International Business 350S; and approval from the BBA Program Office before the first meeting of thecourse.

• 05010					

I B 372 — BUS ENVIRO OF THE EUROPE UNION

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with EUS 348.

• 05015	T	500 - 800P			

10-EXPORTING FOR ENTREPRENEURS

Course number may be repeated for credit when the topics vary. Practicum-based course exploring the challenges associated with developing an export strategy for an existing start-up and/or small business. Covers topics surrounding export management as well as how business functions are impacted by a desire to export. International Business 372.10 and 372 (Topic: Exporting for Entrepreneurs) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.

• 05020	W	500 - 800P	CBA 5.330	GABBI, A	

I B 179C — INDEP RSCH IN INTERNATL BUSN

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business, Government, and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; International Business 350 with a grade of at least C-; and consent of instructor. A student registering for this course must obtain written approval from the department chair's office, on forms provided for that purpose, before the first meeting of the course.

• 05025					

I B 379C — INDEP RSCH IN INTERNATL BUSN

Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business, Government, and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; International Business 350 with a grade of at least C-; and consent of instructor. A student registering for this course must obtain written approval from the department chair's office, on forms provided for that purpose, before the first meeting of the course.

• 05030					

I B 395 — EMERGING MARKETS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Study of contemporary topics in international trade and investment theories, policies, and problems. Prerequisite: Graduate standing; some topics also require consent of instructor.

• 05035	MW	330 - 500P	RRH 4.308	GILLESPIE, K	

MKT 320F — FOUNDATIONS OF MARKETING

Introduction to basic concepts and terminology in marketing: the process of developing marketing strategy, the role of marketing activities within the firm, external influences that affect the development of marketing strategy, and basic analytical tools appropriate to marketing decision making. Marketing 320F and 337 may not both be counted. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Prerequisite: Upper-division standing.

• 05090	TTH	930 - 1100	UTC 2.102A	MILLER, H	
• 05095	TTH	1100 - 1230P	UTC 2.102A	MILLER, H	

FOUNDATIONS OF MARKETING-WB

Hour(s) to be arranged. Introduction to basic concepts and terminology in marketing: the process of developing marketing strategy, the role of marketing activities within the firm, external influences that affect the development of marketing strategy, and basic analytical tools appropriate to marketing decision making. Marketing 320F and 337 may not both be counted. May not be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors. Prerequisite: Upper-division standing. Taught as a Web-based course. Students are encouraged to visit https://my.mccombs.utexas.edu/My/BBA/Registration/Web-Based-Classes to learn more about the course structure and requirements for this class. Additional details provided in the class syllabus.

• 05100				WILLIAMS, J	

MKT 337 — PRINCIPLES OF MARKETING

Offered on the letter-grade basis only. Designed to expand understanding of the marketing system and basic marketing activities and to provide a framework for marketing strategy development and implementation of marketing tools and tactics. Marketing 337 and 337H may not both be counted. Restricted to students in a business major. Prerequisite: Credit or registration for Business Administration 324 or 324H; and credit or registration for Statistics 309 or 309H.

• 05105	MW	800 - 930	UTC 1.132	PETERSON, W	
• 05110	TTH	800 - 930	GSB 2.120		
• 05115	TTH	930 - 1100	GSB 2.120		
• 05120	MW	1100 - 1230P	UTC 3.110	PETERSON, W	
• 05125	MW	1230 - 200P	UTC 3.110	BRISTER, S	
• 05130	MW	200 - 330P	UTC 1.144	GABBI, A	
• 05135	MW	200 - 330P	UTC 3.110	PETERSON, W	
• 05140	MW	330 - 500P	UTC 1.130	PETERSON, W	
• 05145	TTH	330 - 500P	UTC 4.132	MILLER, H	

MKT 337H — PRINCIPLES OF MARKETING-HONORS

Offered on the letter-grade basis only. Designed to expand understanding of the marketing system and basic marketing activities and to provide a framework for marketing strategy development and implementation of marketing tools and tactics. Marketing 337 and 337H may not both be counted. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Credit or registration for Accounting 312H, Business Administration 324H, Economics 304K and 304L, and Statistics 309 or 309H.

• 05150	MW	930 - 1100	CBA 5.330	GABBI, A	
• 05155	MW	1100 - 1230P	CBA 5.330	GABBI, A	

MKT 460 — INFORMATION AND ANALYSIS

The development and analysis of information for marketing management sources. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H, and Statistics 309 or 309H.

• 05160	TTH	800 - 930	CBA 4.330	DAVIS, J	
	M	900 - 1000	CBA 5.304		
• 05165	TTH	1100 - 1230P	CBA 4.330	DAVIS, J	
	M	1000 - 1100	CBA 5.304		
• 05170	TTH	1230 - 200P	CBA 4.330	DAVIS, J	
	M	1100 - 1200	CBA 5.304		

MKT 363 — PROFESSNL SELLING/SALES MGMT

Policies, operation, coordination, and control of personal selling activities in marketing organizations. Prerequisite: Marketing 320F or 337 or 337H.

• 05175	TTH	200 - 330P	CBA 4.330	MILLER, H	

MKT 370 — MARKETING POLICIES

A capstone course focusing on case studies of advanced marketing problems, including analysis of markets, promotional planning, pricing, and distribution coordination. Designed to help the student develop a comprehensive understanding of marketing policy and strategy formulation. Restricted to students in a business major. Prerequisite: Ninety semester hours of college coursework, including Marketing 337 or 337H, and 460; credit or registration for one of the following: Accounting 353J, 366P, Business Administration 353, 353H, Finance 353, 366P, Management 347P, 353, 366P, 367P, 369P, Management Information Systems 353, 366P, Marketing 353, 366P, Operations Management 353, or 366P; and three additional semester hours of elective coursework in marketing.

• 05180	MW	1230 - 200P	UTC 1.130	JAIN, K	

MKT 372 — 4-GLOBAL MARKETING

Course number may be repeated for credit when the topics vary. May be used in place of International Business 372 in fulfilling the requirements of the major in international business. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic. meets with MES 341.

• 05185	MW	1230 - 200P	UTC 1.132	GILLESPIE, K	

6-MARKETING FOR ENTREPRENEURS

Course number may be repeated for credit when the topics vary. Focuses on the issues facing smaller and start-up businesses, including introduction to entrepreneurship, differentiation of the offering, mass markets versus selective markets, guerilla marketing, the business model and business plan, and capital markets. Marketing 372 (Topic: Marketing for Entrepreneurs) and 372 (Topic 6) maynot both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.

• 05190	TTH	1230 - 200P	GSB 2.120	HIGHBARGER, J	

11-BRAND MANAGEMENT

Course number may be repeated for credit when the topics vary. Addresses the strategic importance of branding and concepts, frameworks,and strategies for building, leveraging, and defending strong brands. Current opportunities and challenges in a variety of industries and markets, including consumer packaged goods, business-to-business, services, technology, online, and global. Marketing 372 (Topic: Brand Management) and 172, 272, 372 (Topic 11) maynot both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.

• 05195	MW	200 - 330P	UTC 1.130	BRISTER, S	

12-CONTEMP ISSUES IN MARKETING

Course number may be repeated for credit when the topics vary. Covers current marketing challenges including reality ethics marketing services, anticipating and using market trends, and capturing the attention of the brain. Marketing 372 (Topic: Contemporary Issues in Marketing) and 172, 272, 372 (Topic 12) may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.

• 05200	TTH	1100 - 1230P	GSB 2.120	HIGHBARGER, J	

13-INTEGRATED MARKETING COMMS

Course number may be repeated for credit when the topics vary. Exploration of basic message development and dissemination across ever evolving media types, using a

April 3, 2018

focus on the brain and emotions, as well as an intense examination of persuasion and core belief formation. Focus on group development of an IMC plan for a social issue. Marketing 372 (Topic: Integrated Marketing Communications) and 172, 272,372 (Topic 13) may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.
• 05205 TTH 800 - 930 CBA 4.326 GOLDEN, L

14-PRICING AND CHANNELS
Course number may be repeated for credit when the topics vary. Explores the concepts, theory and latest thinking bearing on the key issues in pricing and channels, taking the perspective of the marketing manager. Provides an opportunity, through extensive case analyses and multiple assignments, to apply concepts and theory to the solution of pricing and channel problems in realistic business settings. Marketing 372 (Topic: Pricing and Channels) and 172, 272, 372 (Topic 14)may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.
• 05210 TTH 930 - 1100 CBA 4.330 RAO, R

21-STRATEGIC PRODUCT MANAGMNT
Course number may be repeated for credit when the topics vary. Explores the principles of product management including identifying new growth opportunities, assessing the health and profitability of a product portfolio, developing new products, and positioning and repositioning of current products. Analytical tools, case discussions, and real-world derived projects will be the key learning tools. Marketing 372 (Topic: Strategic Product Management) and 172, 272, 372 (Topic 21) may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.
• 05215 MW 330 - 500P UTC 1.144 JAIN, K

23-DATA ANALYTICS FOR MKT
Course number may be repeated for credit when the topics vary. Introduction to the world of making more effective marketing decisions through the use of data. Examines sources of data, methods of collectingand cleaning the data, analyzing the data, and finally presenting the data in meaningful and impactful ways. Using real-world data and applications from a variety of industries, the objective is to assist infamiliarizing with the empirical and analytical tools needed to make effective marketing decisions in the age of large and plentiful datasets. Marketing 372 (Topic: Data Analytics for Marketing) and 172, 272, 372 (Topic 23) may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.
• 05220 MW 1230 - 200P CBA 5.330 DEKINDER, J

26-STRAT CONSULTING FOR MRKTRS
Course number may be repeated for credit when the topics vary. Hands-on introduction to the science and art of marketing strategy consulting. Explores the consulting industry and the key concepts of successful consulting. Execution of a complete consulting engagement with an actual client. Marketing 372 (Topic: Strategy Consulting for Marketers) and 172, 272, 372 (Topic 26) may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.
• 05225 MW 200 - 330P CBA 5.330 PETERSON, W

27-REPUTATION RISK/CRISIS MGMT
Course number may be repeated for credit when the topics vary. Exploration of what risk is, crisis management techniques, market communications, and reputational preservation via readings, cases and guest speakers. Marketing 372 (Topic: Reputational Risk and Crisis Management) and 172, 272, 372 (Topic 27) may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.
• 05230 TTH 1100 - 1230P CBA 4.326 GOLDEN, L

MKT 178 MARKETING MICRO-TOPICS-1
Course number may be repeated for credit when the topics vary. Focuses on contemporary, in-demand marketing topics to help develop the foundational knowledge, hands-on experience, and skills for today's marketing ecosystem. Prerequisite: Varies with topic Class meets September 10, 17, 24 and October 1, 8. meets with MKT 188, MKT 178.
• 05235 M 500 - 800P CBA 5.328

MARKETING MICRO-TOPICS-2
Course number may be repeated for credit when the topics vary. Focuses on contemporary, in-demand marketing topics to help develop the foundational knowledge, hands-on experience, and skills for today's marketing ecosystem. Prerequisite: Varies with topic Class meets October 15, 22, 29 and November 5, 12. meets with MKT 188, MKT 178.
• 05240 M 500 - 800P CBA 5.328

MARKETING MICRO-TOPICS-3
Course number may be repeated for credit when the topics vary. Focuses on contemporary, in-demand marketing topics to help develop the foundational knowledge, hands-on experience, and skills for today's marketing ecosystem. Prerequisite: Varies with topic Class meets November 19, 26 and December 3, 10. meets with MKT 188, MKT 178.
• 05245 M 500 - 800P CBA 5.328

MKT 179C INDEP RESEARCH IN MARKETING
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business, Government, and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Marketing 337 or 337H with a grade of at least C-; and consent of instructor. A student registering for this course must obtain written approval from the department chair's office, on forms provided for that purpose, before the first meeting of the course.
• 05250

MKT 379C INDEP RESEARCH IN MARKETING
Hour(s) to be arranged. Only two of the following may be counted toward the Bachelor of Business Administration: Accounting 179C, 379C, Business, Government, and Society 179, 379, Finance 179C, 379C, International Business 179C, 379C, Legal Environment of Business 179, 379, Management 179C, 379C, Management Information Systems 179, 379, Marketing 179C, 379C, Operations Management 179, 379, Real Estate 179C, 379C, Risk Management 179, 379. Restricted to students in a business major. Prerequisite: Eighteen semester hours of coursework in business and economics, six of which must be upper-division; Marketing 337 or 337H with a grade of at least C-; and consent of instructor. A student registering for this course must obtain written approval from the department chair's office, on forms provided for that purpose, before the first meeting of the course.
• 05255

MKT 282 DATA ANLYTC DYNAMIC PRICNG-MSM
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Prerequisite: Graduate standing. Restricted to students in the Master of Science in Marketing program. Class meets October 22-December 10. meets with MKT 282.
• 05260 MW 330 - 530P GSB 3.106 RAO, R

HIGH TECH MARKETING-MSM
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Prerequisite: Graduate standing. Restricted to students in the Master of Science in Marketing program. Class meets August 29-October 15. Mandatory exams October 16-19. meets with MKT 282.
• 05265 MW 330 - 530P GSB 3.106 WILLIAMS, J

PRODUCT & BRAND MGMT-MSM
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Prerequisite: Graduate standing. Restricted to students in the Master of Science in Marketing program. Class meets August 29-October 15. Mandatory exams October 16-19. meets with MKT 282 (TOPIC 33).
• 05270 TTH 930 - 1130 JAIN, K

33-DSGN THNKNG BUS INNOVTN-MSM
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Marketing 382 (Topic: DSGN THINKING FOR INNOVATN) and 282, 382 (Topic 33) may not both be counted. Prerequisite: Graduate standing. Restricted to students in the Master of Science in Marketing program. Class meets October 22-December 10. meets with MKT 282.
• 05275 TTH 930 - 1130 WALLS, S

51-ANALYSIS OF MARKETS
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Marketing 382 (Topic: Analysis of Markets) and 282, 382 (Topic 51) may not both be counted. Prerequisite: Graduate standing. Restricted to students in the MBA program. Class meets October 17-December 6. Mandatory exams December 13-14.
• 05280 MW 800 - 1000 RRH 4.408 HENDERSON, T
• 05285 MW 1000 - 1200 RRH 4.408 HENDERSON, T
• 05290 MW 100 - 300P RRH 4.408 HENDERSON, T
• 05295 MW 300 - 500P RRH 4.408 HENDERSON, T

56-MARKETING ANALYTICS-I-DAL

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Only one of the following may be counted: Marketing 382 (Topic: MKT ANALY & APPLICATION), 382 (Topic: ANLY/APPLICATN IN MKT), 282, 382 (Topic 56). Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Dallas. Mandatory orientation August 5-10. Class meets August 25-October 5. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 05300 HENDERSON, T

56-MARKETING ANALYTICS-I-HOU

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Only one of the following may be counted: Marketing 382 (Topic: MKT ANALY & APPLICATION), 382 (Topic: ANLY/APPLICATN IN MKT), 282, 382 (Topic 56). Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Houston. Mandatory orientation August 5-10. Class meets August 25-October 5. Taught at UT Health Sciences Center in Houston, Texas.

• 05305 RAO, R

56-MARKETING ANALYTICS-II-DAL

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Only one of the following may be counted: Marketing 382 (Topic: MKT ANALY & APPLICATION), 382 (Topic: ANLY/APPLICATN IN MKT), 282, 382 (Topic 56). Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Dallas. Mandatory orientation July 29-August 12. Class meets August 25-October 5. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 05310 HENDERSON, T

56-MARKETING ANALYTICS-II-HOU

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Only one of the following may be counted: Marketing 382 (Topic: MKT ANALY & APPLICATION), 382 (Topic: ANLY/APPLICATN IN MKT), 282, 382 (Topic 56). Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Houston. Mandatory orientation August 5-10. Class meets August 25-October 5. Taught at UT Health Sciences Center in Houston, Texas.

• 05315 RAO, R

MKT 382 BUSINESS TO BUSINESS MARKETING

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Prerequisite: Graduate standing.

• 05320 MW 200 - 330P RRH 4.416 BENTZIN, B

DATA ANALYTIC & DYNAMIC PRICNG

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Prerequisite: Graduate standing.

• 05325 TTH 200 - 330P RRH 4.416 RAO, R
• 05330 TTH 330 - 500P RRH 4.416 RAO, R

MRKTNG DATABSE/DATA VSLZTN-MSM

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Prerequisite: Graduate standing. Restricted to students in the Master of Science in Marketing program.

• 05335 TTH 1230 - 200P GSB 3.130 STEPHENS, J

4-STRATEGIC MARKETING

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Strategic marketing decisions made at the corporate and business-unit levels, and organizational issues that affect the formulation and implementation of marketing strategy; an experiential course, taught primarily through the case method and a marketing strategy computer simulation game. Prerequisite: Graduate standing.

• 05340 MW 330 - 500P RRH 4.416 DEKINDER, J

15-MARKETING HIGH-TECH PRODUCT

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. The forces driving competition in industrial markets, with emphasis on technological products. This course focuses on honing students' analytical skills for leveraging marketing decision making. Prerequisite: Graduate standing.

• 05345 MW 1230 - 200P RRH 4.416 WILLIAMS, J

31-CORPORATE GOVERNANCE

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Only one of the following may be counted: Management 285, 385 (Topic 62), Marketing 382 (Topic: Corporate Governance), 282, 382 (Topic 31) Prerequisite: Graduate standing. meets with MAN 385 (TOPIC 62), LAW 354D.

• 05350 TH 330 - 630P RRH 4.314 CUNNINGHAM, W

33-DSGN THINKING BUSN INNOVATN

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Marketing 382 (Topic: DSGN THINKING FOR INNOVATN) and 282, 382 (Topic 33) may not both be counted. Prerequisite: Graduate standing.

• 05355 MW 1230 - 200P RRH 2.238 WALLS, S

37-STRATEGIC BRANDING

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Marketing 382 (Topic: Strategic Branding) and 282, 382 (Topic 37) may not both be counted. Prerequisite: Graduate standing.

• 05360 TTH 330 - 500P RRH 3.310 BRISTER, S

56-MARKETING ANALYTICS-I-MSM

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well as product management, customer management, and marketing function management decisions. Only one of the following may be counted: Marketing 382 (Topic: MKT ANALY & APPLICATION), 382 (Topic: ANLY/APPLICATN IN MKT), 282, 382 (Topic 56). Prerequisite: Graduate standing. Restricted to students in the Master of Science in Marketing program.

• 05365 TTH 330 - 500P GSB 3.130 SONNIER, G

71-CCIMS MKT FELLOWS PRACTICUM

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to the data and tools used to analyze the business environment and enable marketing decision making. Uses real world data and problems to evaluate strategic market opportunities and assess the impact of marketing decisions in the marketplace. Discusses analytical and empirical tools that address strategic issues of market sizing, market selection, and competitive analysis, as well

as product management, customer management, and marketing function management decisions. Marketing 382 (Topic: CCIMS Marketing Fellows Pract) and 282, 382 (Topic71) may not both be counted. Restricted to students in the Marketing Fellows and Marketing Labs programs. Prerequisite: Graduate standing.
• 05370 W 200 - 500P RRH 2.238 WALLS, S

MKT 188 MARKETING MICRO-TOPICS-1
Course number may be repeated for credit when the topics vary. Focuses on contemporary, in-demand marketing topics to help develop the foundational knowledge, hands-on experience, and skills for today's marketing ecosystem. Prerequisite: Graduate standing. Additional prerequisites may vary with topics. Class meets September 10, 17, 24 and October 1, 8. meets with MKT 188, MKT 178.
• 05375 M 500 - 800P CBA 5.328

MARKETING MICRO-TOPICS-2
Course number may be repeated for credit when the topics vary. Focuses on contemporary, in-demand marketing topics to help develop the foundational knowledge, hands-on experience, and skills for today's marketing ecosystem. Prerequisite: Graduate standing. Additional prerequisites may vary with topics. Class meets October 15, 22, 29 and November 5, 12. meets with MKT 188, MKT 178.
• 05380 M 500 - 800P CBA 5.328

MARKETING MICRO-TOPICS-3
Course number may be repeated for credit when the topics vary. Focuses on contemporary, in-demand marketing topics to help develop the foundational knowledge, hands-on experience, and skills for today's marketing ecosystem. Prerequisite: Graduate standing. Additional prerequisites may vary with topics. Class meets November 19, 26 and December 3, 10. meets with MKT 188, MKT 178.
• 05385 M 500 - 800P CBA 5.328

MKT 397 3-BUYER BEHAVIOR
Course number may be repeated for credit when the topics vary. Survey and analysis of current marketing problems; their significance, evaluation, and probable outcome. Theoretical examination of the acquisition and consumption of goods, services, time, and ideas by individuals and groups. Prerequisite: Graduate standing and consent of instructor.
• 05390 M 300 - 600P CBA 7.204 BRONIARCZYK, S

5-RSCH TPCS IN MARKETING-PHD
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Survey and analysis of current marketing problems; their significance, evaluation, and probable outcome. Current research issues, methods, and models in marketing; focus on both theory and methodology. Prerequisite: Graduate standing and consent of instructor. Restricted to doctoral students.
• 05395 F 1000 - 100P GSB 3.104 BENTLEY, T

7-MARKETING MODELS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Survey and analysis of current marketing problems; their significance, evaluation, and probable outcome. Analytical techniques and models developed by management scientists to aid marketing-oriented decisions in contexts such as marketing mix management, new product development, and product adoptions. Prerequisite: Graduate standing and consent of instructor.
• 05400 HENDERSON, T

MKT 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in marketing and consent of the graduate adviser; for 698B, Marketing 698A.
• 05405

MKT 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in marketing and consent of the graduate adviser; for 698B, Marketing 698A.
• 05410

MKT 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in marketing and consent of the supervising faculty member.
• 05415

MKT 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 05420

MKT 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 05425

MKT 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 05430

MKT 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Marketing 399R, 699R, or 999R.
• 05435

MKT 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Marketing 399R, 699R, or 999R.
• 05440

MKT 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Marketing 399R, 699R, or 999R.
• 05445

TECHNOLOGY COMMERCIALIZATION

Science and Technology Commercialization - STC

STC 384 COMMERCIALIZATION STRATEGY
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Technology strategy as part of business strategy. The use of models and other concepts to measure the effectiveness of commercialization; the analysis and measurement of risk. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Mandatory seminar August 27-31 at AT&T Executive Education and Conference Center in Austin, Texas. Class meets September 7-December 1. Partially tau ght as a Web-based course.
• 05500 S 100 - 500P
• 05505 F 400 - 800P

STC 389 PROBLEMS IN SPECIALIZED FIELDS
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program.
• 05510

STC 391 TECH TRANSFER GLOB ECON-UT/COL
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Technology transfer theories, concepts, and implementation techniques essential to successful commercialization efforts. Global commercialization efforts and processes for brokering technology internationally. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Mandatory orientation August 27-31 taught at AT&T Executive Education and Conference Center. Mandatory field trip abroad meets December 5-12. Facult y-led Abroad Program taught in Medellin and Bogota, Colombia. Students must consult with department as travel and orientation dates may be in addition to these dates.
• 05515 TOH, P

TECH TRANSFER GLOB ECON-UT/IND
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Technology transfer theories, concepts, and implementation techniques essential to successful commercialization efforts. Global commercialization efforts and processes for brokering technology internationally. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Mandatory orientation August 27-31 taught at AT&T Executive Education and Conference Center. Mandatory field trip abroad meets December 5-12. Facult y-led Abroad Program taught in New Delhi and Bangalore, India. Students must consult with department as travel and orientation dates may be in addition to these dates.
• 05520 MARTINS, L

TECH TRANSFER GLOB ECON-UT/RSA
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Technology transfer theories, concepts, and implementation techniques essential to successful commercialization efforts. Global commercialization efforts and processes for brokering technology internationally. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Mandatory oreintation August 27-31 at AT&T Executive Education and Conference Center. Mandatory field trip abroad meets December 5-12. Faculty-led A broad Program taught in Johannesburg and Cape Town, South Africa. Students must consult with department as travel and orientation dates may be in addition to these dates.
• 05525 THURMAN, T

April 3, 2018

STC 394C MANAGING PRODUCT DEV/PRODUCTN

Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. The current methods and best practices used by organizations to accelerate the product development process. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Mandatory orientation August 27-31 at AT&T Executive Education and Conference Center in Austin, Texas. Class meets September 7-December 1. Partially taught as a Web-based course.

• 05530	S	800 - 1200	CRAWFORD, R
• 05535	F	400 - 800P	CRAWFORD, R

STC 395 NEW VENTURE CREATION

Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Explores the process of creating new ventures. Includes the dynamics of growth-oriented firms, the roles of entrepreneur and intrapreneur in organizational environments, factors that drive the creative process, and the importance of entrepreneurship to the economy. Students develop a detailed, growth-oriented business plan for an enterprise or project based on a specific technology of their choice. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Mandatory orientation August 27-31 at AT&T Executive Education and Conference Center in Austin, Texas. Class meets September 7-December 1. Partially taught as a Web-based course.

• 05540	S	800 - 1200	ADAMS, R
• 05545	S	100 - 500P	ADAMS, R

COLLEGE OF COMMUNICATION

COMMUNICATION

Communication - COM
Communication and Leadership - CLD

COM 307H LIFE OF THE MIND: HONORS

A guided experience in critical thinking and discussion based on consideration of cross-disciplinary modes of inquiry to probe big questions about knowledge, meaning, and communication throughout history. Restricted to students in the Moody College of Communication Honors Program.

• 05600	TTH	1230 - 200P	BMC 4.212	JUNKER, D

COM 316 PHOTOGRAPHIC COMMUNICATION

Designed to accommodate 100 or more students. Introduction to photographic technique and recent trends, evaluation, visual design, and use of images in the media. Students must provide their own digital 35-mm format camera.

• 05605	MW	430 - 600P	BMC 2.106	LOUGH, K
	M	1200 - 130P	BMC 3.210	
• 05610	MW	430 - 600P	BMC 2.106	LOUGH, K
	W	1200 - 130P	BMC 3.210	
• 05615	MW	430 - 600P	BMC 2.106	LOUGH, K
	M	130 - 300P	BMC 3.210	
• 05620	MW	430 - 600P	BMC 2.106	LOUGH, K
	W	130 - 300P	BMC 3.210	
• 05625	MW	430 - 600P	BMC 2.106	LOUGH, K
	M	300 - 430P	BMC 3.210	
• 05630	MW	430 - 600P	BMC 2.106	LOUGH, K
	T	300 - 430P	BMC 3.210	
• 05635	MW	430 - 600P	BMC 2.106	LOUGH, K
	W	300 - 430P	BMC 3.210	
• 05640	MW	430 - 600P	BMC 2.106	LOUGH, K
	TH	300 - 430P	BMC 3.210	

COM 125 LONGHORN STARTUP SEMINAR

Course number may be repeated for credit when the topics vary. Contemporary issues, practices, and skills related to leadership and communication. Restricted to students in the College of Communication. Prerequisite: Upper-division standing. meets with MAN 137, E S 177, C S 178, F A 170.

• 05645	TH	600 - 800P	GDC 2.216	BAER, J

COM 350 COMMUNICATION INTERNSHIP

Hour(s) to be arranged. Offered on the pass/fail basis only. Internships to be arranged by student and approved by instructor. Restricted to students in the College of Communication. Prerequisite: Upper-division standing and consent of department.

• 05650

COM 350L SEM IN L A:INTERNSHIP-L A

Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experience in the entertainment industry in Los Angeles. Students must make their own arrangements to secure relevant internships. Communication 350L, 650L and Radio-Television-Film 350L, 650L may not both be counted. Restricted to students in the Semester in Los Angeles Program. Prerequisite: Upper-division standing. Taught in Los Angeles, California. meets with RTF 350L.

• 05655

COM 650L SEMESTER IN L A INT-L A

Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experience in the entertainment industry in Los Angeles. Students must make their own arrangements to secure relevant internships. Communication 350L, 650L and Radio-Television-Film 350L, 650L may not both be counted. Restricted to students in the Semester in Los Angeles Program. Prerequisite: Upper-division standing. Taught in Los Angeles, California. meets with RTF 650L.

• 05660

COM 370 POLITICS AND RELIGION

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, admission to the College of Communication Honors Program, and consent of instructor. Topic description: This class will explore how American religious belief has helped define our politics from the nation's founding to the Trump presidency.

• 05665	TTH	930 - 1100	CMA 6.172	SLATER, W

SOCIAL MEDIA AND SOCIETY

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, admission to the College of Communication Honors Program, and consent of instructor. Topic description: Social media is a ubiquitous fact of modern life. This class explores social media's rise and influence in society.

• 05670	W	1200 - 300P	CMA 3.116	WATKINS, S

COM 178 COMMUNICATION INTERNSHIP

Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experience related to the student's area of interest in the communication field. May be repeated, but only one hour may be counted toward a degree in theCollege of Communication. Restricted to students in the College of Communication. Prerequisite: Completion of a three-hour internship course in the College of Communication.

• 05675

April 3, 2018

course unique days time room instructor

CLD 301 INTRO TO COMM/LEADERSHIP
Introduces the study of leadership with an emphasis on communication dimensions and interdisciplinary understanding of social problems. Serves as a foundation for subsequent coursework in the areas of communication and leadership. Communication 301L and Communication and Leadership 301 may not both be counted.
• 05730 MWF 1000 - 1100 CMA 3.114 JONES BARBOUR, J
• 05735 MWF 1100 - 1200 CMB 2.104 JONES BARBOUR, J
• 05740 MWF 200 - 300P CMB 2.102 JONES BARBOUR, J

CLD 321 SEMINAR COMM/LEADERSHIP
Builds on the foundation introduced in Communication and Leadership 301 advancing student work in theories, processes, and practices of leadership and communication. Communication 320L and Communication and Leadership 321 may not both becounted. Restricted to students in the Moody College of Communication. Prerequisite: Communication 301L or Communication and Leadership 301.
• 05745 TTH 200 - 330P BMC 3.206 DRUMWRIGHT, M

CLD 351 INTERNSHIP COMM/LEADERSHIP-WB
Offered on the pass/fail basis only. Practical work experience related to the practice of ethical leadership and communication with a non-profit community, or philanthropic organization. Communication 351L and Communication and Leadership 351 may not both be counted. Restricted to Communication and Leadership majors. Prerequisite: Upper-division standing and Communication 320L or Communication and Leadership 321. Taught as a Web-based course
• 05750 JONES BARBOUR, J

DEPARTMENT OF ADVERTISING

Advertising - ADV
Public Relations - P R

ADV 303 ADVERTISING & POPULAR CULTURE
An introduction to the role advertising plays in American society, and the values and relationships offered in the messages that are delivered. May not be counted toward the Bachelor of Science in Advertising degree or the Bachelor of Science in Public Relations degree.
• 05805 MWF 1200 - 100P CMA 2.306 MARMOR-LAVIE, G
• 05810 TTH 330 - 500P BMC 1.202 WILCOX, G

ADV 305 FUNDAMENTALS OF ADVERTISING
Fundamentals and practices of advertising in relation to economies, societies, and mass communication. May not be counted toward the Bachelor of Science in Advertising or Bachelor of Science in Public Relations degrees.
• 05815 MWF 1200 - 100P WAG 201 WILCOX, G

ADV 305S INTEGRATED COMM FOR SPORTS
Examination of the mass media industry in relation to the field of sports. Focus on the "off-the-field" industries of advertising, marketing, and public relations that impact sports; rights fees contracts; pre-game shows; gameday production; in-stadium activities; and press coverage. Only one of the following may be counted: Advertising 305S, 378 (Topic 7: Integrated Communication for Sports), Kinesiology 352K (Topic: Integrated Communication for Sports), Public Relations 305S. same as P R 305S. also meets with ADV 391K (TOPIC 5).
• 05820 MWF 1000 - 1100 CMA 2.306 WILLE, S

ADV 309R INTRO TO ADVR/P R RSCH-WB
Hour(s) to be arranged. Introduction to concepts and methods of statistics, with emphasis on analyzing personal and group behaviors. Includes exploratory data analysis, correlation and regression, descriptive statistics, sampling distributions, confidence intervals, and hypothesis testing. Only one of the following may be counted: Advertising 309R, 378 (Topic: Introduction to Advertising and Public Relations Research), Public Relations 309, 378 (Topic: Topic: Introduction to Advertising and Public Relations Research). Restricted to advertising and public relations majors. Taught as a Web-based course. same as P R 309.
• 05825 EASTIN, M

ADV 315 HISTORY & DEVEL OF ADV-WB
Hour(s) to be arranged. The evolution and development of advertising in the United States in a social, historical, economic, and cultural context. Taught as a Web-based course.
• 05830 ATKINSON, L

ADV 316 CREATIVITY & AMERICAN CULTURE
A cross-disciplinary view of the creative process and creative products. The conceptual core of film, fine arts, advertising, architecture, and literature. May not be counted toward the Bachelor of Science in Advertising or the Bachelor of Science in Public Relations. Fulfills the communication and culture requirement in the College of Communication. same as P R 316.
• 05835 MWF 100 - 200P ART 1.102 LEWIS, R

ADV 318J INTRO TO ADV/INTEG BRAND COMM
Designed to accommodate 100 or more students. The functions of advertising and public relations; role in marketing/communications mix; economic and social influence; advertisingand public relations institutions and media; campaigns and appropriations; retail and business-to-business aspects. Students may not enroll in Advertising 318J more than twice.
• 05840 MW 1100 - 1230P BMC 2.106 WILCOX, G
• 05845 TTH 1230 - 200P BEL 328 DUDO, A

ADV 319 PSYCHOLOGY OF ADVERTISING
Designed to accommodate 100 or more students. A review of basic findings of the behavioral sciences dealing with perception, personality, group behavior, psychological appeals, and their application to advertising, public relations, and marketing as persuasive communication.
• 05850 MWF 900 - 1000 JES A121A POUNDERS, K
• 05855 T 1230 - 330P BMC 2.106 KAHLOR, L

ADV 320 INTEG COMM FOR NONPROF ORGS
Explores integrated communication and branding in a variety of nonprofitsettings. Examines the strategic, integrated use of multiple communication approaches, including advertising, public relations, new media, promotions, sponsorships, and special events. Only one of the following may be counted: Advertising 320, 378 (Topic 17), Public Relations 320, 378 (Topic 5). same as P R 320.
• 05860 TTH 330 - 500P CMA 3.124 DRUMWRIGHT, M

ADV 323 PUBLIC COMM OF SCIENCE/TECH
Explores the rapidly growing field of science communication. Examines the intersection of science, media, and society, focusing on media's impact on how people come to understand, perceive, and act relative to scientific issues. Special attention will be directed toward the strategic communication of science and maximizing scientists' engagementwith public audiences. Only one of the following may be counted: Advertising 323, 378 (Topic: PUBLIC COMM OF SCIENCE/TECH), Public Relations 323, 378 (Topic: PUBLIC COMM OF SCIENCE/TECH). Partially taught as a Web-based course. same as P R 323.
• 05865 DUDO, A

ADV 324 COMMUNICATING SUSTAINABILITY
Focuses on persuasion in the context of environmental attitudes and behaviors. Explores how humans think about and interact with the environment, paying particular attention to climate change. Drawing on theory and examples, examines the challenges and opportunities that arise when people try to communicate about the environment and change individual attitudes and behaviors. Only one of the following may be counted: Advertising 324, 378 (Topic: Communicating Sustainability), Public Relations 324, 378 (Topic: Communicating Sustainability). same as P R 324.
• 05870 MW 200 - 330P CMA 3.124 ATKINSON, L

ADV 325 INTRO TO ADVERTISING CREATVTY
Additional hour(s) to be arranged. Learn to apply creative theories, processes, and problem-solving skills to become more creative in any field. Prerequisite: Advertising 318J with a grade of at least B.
• 05875 TTH 500 - 630P CMA 2.306 REA, C

ADV 332 TECHNOLOGY MARKETING/ADV
Explores case histories, interviews with leading technology advertising and marketing executives, and latest trends in digital advertising, bothmobile and social, as well as its impact across marketing segments and industries. Only one of the following may be counted: Advertising 332, 378 (Topic 23), Public Relations 332. same as P R 332.
• 05880 TH 330 - 630P UTC 2.112A BUNTING, J

ADV 332C NEW MEDIA ENTREPRENEURIALISM
Covers real life experience/exposure with a series of interviews with real-life practitioners from social media, venture capital, and others with expertise in the field. Explores important trends in digital content and digital business models; a primer for those who wish to learn about entrepreneurialism, technology, and it's intersection with media. Only one of the following may be counted: Advertising 332C, 378 (Topic:New Media Entrepreneurialism), Public Relations 332C, 378 (Topic: New Media Entrepreneurialism). same as P R 332C.
• 05885 TH 1230 - 330P BMC 2.106 BUNTING, J

ADV 332D ENTREPRENEURIALISM IN COMM
Project-oriented exercise where small teams conceptualize a business idea in communications, curate the insights and opinions of fellow team members, and ultimately develop a business plan around their new endeavor. A panel of local entrepreneurs will provide feedback and critique. Only one of the following may be counted: Advertising 332D, 378 (Topic: Entrepreneurialism in Comm), Public Relations 332D. Prerequisite: Consent of Instructor. Partially taught as a web-based course. same as P R 332D.
• 05890 BUNTING, J

ADV 334 INTERNATIONAL ADVERTISING
Major issues in international advertising and advertising directed at cultural minorities within countries. Prerequisite: Upper-division standing and a University grade point average of at least 2.25.
• 05895 TTH 1230 - 200P GSB 2.126 LEE, W

ADV 336 MULTICUL ISS IN ADV/PUBL RELS
Course number may be repeated for credit when the topics vary. Special topics exploring the impact of the major social, economic, and cultural aspects of advertising and public relations on ethnic and cultural groups in the United States.
• 05900 TTH 330 - 500P CMA 3.114 WILCOX, G

ADV 338L COPYWRITING
Designed to accommodate 35 or fewer students. Introduction to copywriting for advertising and related industries. Develop conceptual and writing skills across a wide range of media. Enrollment in Texas Creative or previous creative writing experience preferred. Advertising 338L and 378 (Topic 10) may not both be counted. Prerequisite: Advertising 325 with a grade of at least C, and consent ofinstructor.
• 05904 TTH 200 - 330P BMC 4.208 REA, C

ADV 339K DIGITAL GRAPHIC COMM
Introduction to the fundamentals of good graphic design, as well as production basics. Develops digital design skills using industry-standard software, from print (Adobe In-

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Design, Photoshop, Illustrator) to motion (Adobe Premiere, AfterEffects) and interactive (HTML, CSS, WordPress). Assumes no prior knowledge. Only one of the following may be counted: Advertising 339K, 378 (Topic: Digital Graphic Communication), Public Relations 339K, 378 (Topic: Digital Graphic Communication). same as P R 339K.
• 05905 TTH 330 - 500P CMB 2.102 MCCUTCHIN, M

ADV 339L BRAND STORYTELLING
Examination of how classic elements of storytelling, semiotics, and symbolism can be used to create and manage a modern brand's story and 'meaning'. Create visual, verbal, and video examples of brand storytelling that go beyond traditional advertising and public relations. Only one of the following may be counted: Advertising 339L, 378 (Topic: Brand Storytelling), Public Relations 339L, 378 (Topic: Brand Storytelling). same as P R 339L.
• 05910 MW 930 - 1100 BMC 2.106 MCCUTCHIN, M

ADV 343K PORTFOLIO I
Additional hour(s) to be arranged. Basic advertising art direction and copywriting skills, including indications for graphics, headlines, and body copy. Prerequisite: Advertising 325 with a grade of at least B, and admission to the Texas Creative program. meets with ADV 483 (TOPIC 2).
• 05915 MW 930 - 1100 BMC 4.208 ROMERO, J
• 05920 TTH 1230 - 200P BMC 4.208 REA, C

ADV 344K ADVERTISING RESEARCH
Designed to accommodate 100 or more students. Introduction to social science research methods as used in advertising and marketing; emphasis on survey research and secondary data. Prerequisite: Upper-division standing; Advertising 318J with a grade of at least B; and Advertising 309R, Public Relations 309, or Statistics and Data Sciences 306 (or Statistics and Scientific Computation 306) with a grade of at least C-.
• 05925 TTH 1100 - 1230P BMC 2.106 KAHLOR, L

ADV 345J ADV MEDIA PLANNING FOUNDATIONS
An investigation of media-market measurements and strategies across the full spectrum of the industry; development of media communications plan. Prerequisite: Upper-division standing; Advertising 318J with a grade of at least B; and Advertising 309R, Public Relations 309, or Statistics and Data Sciences 306 (or Statistics and Scientific Computation 306) with a grade of at least C-.
• 05930 MWF 100 - 200P BMC 2.106 DOBIAS, L
M 1000 - 1100 PAR 301
• 05935 MWF 100 - 200P BMC 2.106 DOBIAS, L
M 400 - 500P BUR 130
• 05940 MWF 100 - 200P BMC 2.106 DOBIAS, L
F 400 - 500P BMC 4.208
• 05945 MWF 200 - 300P CMA 2.306 DOBIAS, L
F 1000 - 1100 BMC 4.208
• 05950 MWF 200 - 300P CMA 2.306 DOBIAS, L
F 1100 - 1200 CMA 3.120
• 05955 MWF 200 - 300P CMA 2.306 DOBIAS, L
W 1200 - 100P BMC 3.206
• 05960 MWF 200 - 300P CMA 2.306 DOBIAS, L
W 100 - 200P BMC 3.206

ADV 447 ART DIRECTOR'S SEMINAR
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Introduction to computer graphics with applications to advertising and other disciplines. Students interact with computer systems to produce artwork and design portfolios. Prerequisite: Advertising 318J with a grade of at least B and consent of instructor received prior to registering. meets with ADV 378, P R 378.
• 05965 TTH 330 - 500P BMC 4.208 LABOUNTY, S

ADV 348S THE BUSINESS OF SPORTS MEDIA
Examination of the business of sports-related media, including over-the-air television, cable, satellite television, print, radio, social media, and internet-based media, and the impact of such media on sports presentation and development, professional franchises, colleges, and conferences. Emphasis on how the business of sports media generates revenue and content, and the business models for each type of media, the challenges to such models, and the likely future changes to them. Only one of the following may be counted: Advertising 348S, 378 (Topic: The Business of Sports Media), Communication 325 (Topic: The Business ofSports Media), Journalism 348G, 349T (Topic: The Business of Sports Media), Public Relations 348S, 378 (Topic: The Business of Sports Media). same as J 348G, P R 348S.
• 05970 TH 400 - 700P BUR 116 CRAMER, M

ADV 350 ADVERTISING INTERNSHIP
Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experiences in advertising sales, creative management, and research with advertisers, agencies, media, or auxiliary services. Prerequisite: Advertising 344K and 345J with a grade of at least C in each, and a University grade point average of at least 2.25.
• 05975 CUNNINGHAM, I

ADV 350S INTERNSHIP IN SPORTS MEDIA
Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experience in sports media. Internship to be arranged by student and approved by instructor. May not be counted toward the Bachelor of Science in Advertising or the Bachelor of Science in Public Relations degrees. Restricted to Texas Program in Sports and Media students. Prerequisite: Upper-division standing; a University grade point average of at least 2.25; Advertising 305S or Public Relations 305S; and three additional hours from the Sports Media Certificate approved coursework list. same as P R 350S.
• 05980 CUNNINGHAM, I

ADV 151 ADVERTISING PRACTICUM
Hour(s) to be arranged. Offered on the pass/fail basis only. Prerequisite: Advertising 350 or 468K, consent of departmental internship coordinator, and completion of department requirements for enrollment in an internship course.
• 05985 CUNNINGHAM, I

ADV 353 ADV & PUBLIC RELS LAW & ETHICS
Only one of the following may be counted: Advertising 353, 376, Public Relations 353, 376. Fulfills the communication and culture requirement in the College of Communication. Restricted to advertising and public relations majors. Prerequisite: Advertising 318J with a grade of at least B and a University grade point average of at least 2.25. same as P R 353.
• 05990 TTH 1100 - 1230P BEL 328 WILCOX, G
• 05995 MWF 1200 - 100P BMC 1.202 POUNDERS, K

ADV 468K PORTFOLIO II
Additional hour(s) to be arranged. Intermediate advertising art direction and copywriting; special emphasis on execution skills and concepts. Prerequisite: Advertising 343K and consent of the Texas Creative program faculty. meets with ADV 483 (TOPIC 3).
• 06000 MW 200 - 330P BMC 4.208 ROMERO, J

ADV 468L PORTFOLIO III
Additional hour(s) to be arranged. Advanced advertising art direction and advertising creative concepts. With consent of instructor, may be repeated once for credit. Prerequisite: Advertising 468K and consent of the Texas Creative program faculty. meets with ADV 483 (TOPIC 4).
• 06005 M 530 - 830P BMC 4.208 LABOUNTY, S

ADV 369 SOCIAL MEDIA
Offered on the letter-grade basis only. May be repeated for credit. Introduction to social networking platforms and their application in relation to media plans, brand building, and insights. May be repeated once for credit. Only one of the following may be counted Advertising 369, 378 (Topic: Social Media), Public Relations 369, 378 (Topic: Social Media). Prerequisite: Upper-division standing, a University grade point average of at least 2.25, and consent of instructor. same as P R 369. also meets with ADV 391K.
• 06010 MWF 100 - 200P BMC 4.206 WILCOX, G

ADV 370J INTEGRATED COMMUNICATNS MGMT
Cases and problems dealing with the management of advertising and promotional programs; media and creative strategies; consumer, retail, industrial, and public service applications. Advertising 370J and Public Relations 367 may not both be counted. Prerequisite: Advertising 344K and 345J with a grade of at least C in each; Marketing 320F or 337 with a grade of at least C; and a Universitygrade point average of at least 2.25. meets with P R 367.
• 06015 MWF 1100 - 1200 BMC 4.208 LEWIS, R
• 06020 TTH 1100 - 1230P BMC 4.208 STAVCHANSKY DE LEW
• 06025 MWF 1200 - 100P BMC 4.206 BELL, T

INTEGRATED COMMUNICATNS MGMT
Designed to accommodate 35 or fewer students. Cases and problems dealing with the management of advertising and promotional programs; media and creative strategies; consumer, retail, industrial, and public service applications. Advertising 370J and Public Relations 367 may not both be counted. Prerequisite: Advertising 344K and 345J with a grade of at least C in each; Marketing 320F or 337 with a grade of at least C; and a Universitygrade point average of at least 2.25. meets with P R 367.
• 06030 MW 200 - 330P PAR 306 SCHEINBAUM, A

INTEGRATED COMMUNICATNS MGMT
Cases and problems dealing with the management of advertising and promotional programs; media and creative strategies; consumer, retail, industrial, and public service applications. Advertising 370J and Public Relations 367 may not both be counted. Prerequisite: Advertising 344K and 345J with a grade of at least C in each; Marketing 320F or 337 with a grade of at least C; and a Universitygrade point average of at least 2.25. meets with P R 367.
• 06035 MWF 200 - 300P BMC 4.206 MARMOR-LAVIE, G
• 06040 M 200 - 500P CMA 3.120 CUNNINGHAM, I
• 06045 TH 330 - 630P BMC 3.206 STOUT, P
• 06050 MW 500 - 630P BMC 3.206 WEBBER, E

INTEGRATED COMMUNICATNS MGMT
Restricted enrollment; contact the department for permission to register for this class. Cases and problems dealing with the management of advertising and promotional programs; media and creative strategies; consumer, retail, industrial, and public service applications. Advertising 370J and Public Relations 367 may not both be counted. Prerequisite: Advertising 344K and 345J with a grade of at least C in each; Marketing 320F or 337 with a grade of at least C; and a Universitygrade point average of at least 2.25. meets with P R 367.
• 06055 MWF 1100 - 1200 BMC 4.208 MARMOR-LAVIE, G

ADV 373 INTEGRATED COMM CAMPAIGNS
Concept of media mix; matching product, consumer, media profiles; conception, research, planning, and execution of advertising campaigns; special emphasis on advanced copywriting, layout, and production for print and broadcast media. Only one of the following may be counted: Advertising 373, 373H, Public Relations 377H, 377K. Prerequisite: Advertising 370J and a University grade point average of at least 2.25.
• 06060 MW 1100 - 1230P CMA 3.120 STOUT, P

INTEGRATED COMM CAMPAIGNS
Concept of media mix; matching product, consumer, media profiles; conception, research, planning, and execution of advertising campaigns; special emphasis on advanced copywriting, layout, and production for print and broadcast media. Only one of

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the following may be counted: Advertising 373, 373H, Public Relations 377H, 377K. Prerequisite: Advertising 370J and a University grade point average of at least 2.25. meets with P R 377K.

• 06065	TTH	930 - 1100	BUR 228	LOVE, B
• 06070	TTH	930 - 1100	CMA 3.120	STAVCHANSKY DE LEW
• 06075	TTH	200 - 330P	BMC 4.206	WEBBER, E

INTEGRATED COMM CAMPAIGNS

Restricted enrollment; contact the department for permission to register for this class. Concept of media mix; matching product, consumer, media profiles; conception, research, planning, and execution of advertising campaigns; special emphasis on advanced copywriting, layout, and production for print and broadcast media. Only one of the following may be counted: Advertising 373, 373H, Public Relations 377H, 377K. Prerequisite: Advertising 370J and a University grade point average of at least 2.25. meets with P R 377K.

• 06080	MW	330 - 500P	BMC 4.208	ROMERO, J

INTEGRATED COMM CAMPAIGNS

Concept of media mix; matching product, consumer, media profiles; conception, research, planning, and execution of advertising campaigns; special emphasis on advanced copywriting, layout, and production for print and broadcast media. Only one of the following may be counted: Advertising 373, 373H, Public Relations 377H, 377K. Prerequisite: Advertising 370J and a University grade point average of at least 2.25. Partially taught as a Web-based course. meets with P R 377K.

• 06085	TTH	1230 - 200P	BMC 3.206	STAVCHANSKY DE LEW

ADV 377 1-ADVANCED MEDIA STRATEGIES

Course number may be repeated for credit when the topics vary. An in-depth dive into independent and group work with insights and strategies. Restricted to students admitted to the TexasMedia Program. Prerequisite: Upper-division standing; Advertising 345J with a grade of at least B; and consent of instructor. Additional prerequisites vary with the topic.

• 06090	MWF	900 - 1000	BMC 3.206	DOBIAS, L

ADV 377M 3-DIGITAL METRICS

Course number may be repeated for credit when the topics vary. Topics in media and its effects on advertising and public relations strategies. An exploration of the evolving scope of digital metrics and analytics by looking at the three dimensions colliding in interactive media: business, communications, and technology. Advertising 377M and Public Relations 377M may not both be counted unless the topics vary. Restricted to students admitted to the TexasMedia Program. Prerequisite: Upper-division standing; Advertising 345J with a grade of at least B; and consent of instructor; additional prerequisites vary with the topic.

• 06095	MWF	200 - 300P	CMA 6.170	DEVLIN, N
	F	300 - 400P	CMA 6.170	

9-MEDIA INVESTMENTS

Course number may be repeated for credit when the topics vary. Topics in media and its effects on advertising and public relations strategies. An examination of media investments and negotiations, from both a buying and selling perspective. Investigates the activation role from all sides; the agency, vendor, and client. Advertising 377M and Public Relations 377M may not both be counted unless the topics vary. Restricted to students admitted to the TexasMedia Program. Prerequisite: Upper-division standing; Advertising 345J with a grade of at least B; and consent of instructor; additional prerequisites vary with the topic.

• 06100	MW	800 - 930	BMC 4.206	ARRINGTON, T

ADV 378 BUILDING YOUR BRAND

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, and additional prerequisites varywith the topic. Topic description: Course examines social media footprint as an extension of a brand and explores current literature for critiquing, building, and re-building brand identity. meets with P R 378.

• 06105	TTH	500 - 630P		LIGHT, A

ENTRTNMNT PRSS/PUBLC RELTN-L A

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, and additional prerequisites varywith the topic. Topic description: Course explores the roles of the news, entertainment press, publicity, promotion and public relations in the entertainment industry. Restricted to students admitted to the Semester in Los Angeles P rogram. Taught in Los Angeles, California.

• 06110				WRENN, S

SOCIAL ENTERPRISE BRANDING

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, and additional prerequisites varywith the topic. meets with P R 378, ADV 447.

• 06115	TTH	330 - 500P	BMC 4.208	WILCOX, G

ADV 378S SPORTS/ENTERTAINMENT LAW/BUSN

Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media asthey effect sports and entertainment advertising and public relations. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing and a University grade point average of at least 2.25. meets with P R 378S.

• 06120	W	330 - 630P	BMC 4.378A	WELLS, J

WIDE WORLD OF SPORTS BUSN

Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media asthey effect sports and entertainment advertising and public relations. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing and a University grade point average of at least 2.25. meets with P R 378S.

• 06125	MW	1000 - 1130	BMC 1.202	LULLA, J

8-COLLEGE SPORTS MEDIA

Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media asthey effect sports and entertainment advertising and public relations. An examination of the history of college sports media, with an emphasis on the evolution of sports coverage from NCAA-controlled limited broadcasting of football and basketball,to present day intercollegiate athletics coverage available via multiple outlets. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing and a University grade point average of at least 2.25. same as P R 378S (TOPIC 8).

• 06130	MW	1230 - 200P	PAR 203	LULLA, J

9-SPORT CON NEGOTIATION TECHS

Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media asthey effect sports and entertainment advertising and public relations. Strategies and techniques for successfully negotiating contracts, with a special emphasis on the negotiation of sports contracts. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing and a University grade point average of at least 2.25. same as P R 378S (TOPIC 9). also meets with ADV 391K.

• 06135	MW	800 - 930	CMA 3.120	LULLA, J

11-SPORTS AND SOCIAL MEDIA

Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media asthey effect sports and entertainment advertising and public relations. Designed to provide an understanding of and experience with the components and best practices of social media, marketing, and communications as they relate to sports entities and the sports field as a whole. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing and a University grade point average of at least 2.25. same as P R 378S (TOPIC 11).

• 06140	MW	300 - 430P	CMA 3.116	WILLE, S

12-SPORTS AUDIENCES

Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media asthey effect sports and entertainment advertising and public relations. An exploration of marketing innovations in sports to attract audiences, and the use of sports media by advertisers, sponsors, and other entities to target various customer groups. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing and a University grade point average of at least 2.25. same as P R 378S (TOPIC 12).

• 06145	MW	100 - 230P	BUR 216	WILLE, S

ADV 379J INDEPENDENT STUDY

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Written consent of instructor received prior to registering.

• 06150				

ADV 380J QUANTITATV AND QUALITATV RSCH

Course number may be repeated for credit when the topics vary. An introduction to advertising research designs and procedures. Prerequisite: Graduate standing.

• 06155	TTH	1100 - 1230P	CMA 3.124	OH, J

ADV 483 2-PORTFOLIO I

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and written consent of instructor received prior to registering. meets with ADV 343K.

• 06160	MW	930 - 1100	BMC 4.208	ROMERO, J
• 06165	TTH	1230 - 200P	BMC 4.208	REA, C

3-PORTFOLIO II

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and written consent of instructor received prior to registering. meets with ADV 468K.

• 06170	MW	200 - 330P	BMC 4.208	ROMERO, J
	F	630 - 730P	BMC 4.208	

4-PORTFOLIO III

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and written consent of instructor received prior to registering. meets with ADV 468L.

• 06175	M	530 - 830P	BMC 4.208	LABOUNTY, S

ADV 385 3-MEDIA MANAGEMENT

Course number may be repeated for credit when the topics vary. Study of the managerial, economic, legal, and cultural aspects of multinational advertising. Prerequisite: Graduate standing and consent of instructor.

• 06180	MW	300 - 430P	PAR 203	DEVLIN, N

ADV 387 CREATIVE STRATEGIES

The process of developing creative concepts and their effective execution. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 06185	TTH	500 - 630P	CMB 2.104	LABOUNTY, S
	F	900 - 1000	CMA 6.154	

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course	unique	days	time	room	instructor
	• 06190	TTH	500 - 630P	CMB 2.104	LABOUNTY, S
		T	330 - 430P	BMC 4.206	
	• 06195	TTH	500 - 630P	CMB 2.104	LABOUNTY, S
		TH	330 - 430P	BMC 4.204	
	• 06200	TTH	500 - 630P	CMB 2.104	LABOUNTY, S
		T	400 - 500P	CMA 3.116	

ADV 388C RSCH PROBS: DOCTORAL EXAM PREP

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Research and reading in preparation for doctoral examinations. Prerequisite: Graduate standing and consent of graduate adviser.

• 06205

ADV 189 PROBLEMS IN SPEC FIELDS OF ADV

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Research project chosen from the area of the student's major interest; a written report or creative project is required. Students who take Advertising 189 must register for a topic of 189 for three consecutive semesters. Prerequisite: Graduate standing, consent of instructor, and written consent of the graduate adviser received prior to registering.

• 06210

ADV 391K CONSUMER BEHAVIOR

Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing.

• 06215 T 200 - 500P BMC 3.204 SCHEINBAUM, A

SOCIAL MEDIA

Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing. meets with ADV 369, P R 369.

• 06220 MWF 100 - 200P BMC 4.206 WILCOX, G

SPORTS CONTRACT NEGOTIAT TECHN

Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing. Topic description: Examine theories and techniques in general and sports contract negotiation. Develop negotiation skills in priorities and outcomes, as well as creativity in problem solving and dispute resolution ne eded for success in sports and sports media industries. meets with ADV 378S (TOPIC 9), P R 378S (TOPIC 9).

• 06225 MW 800 - 930 CMA 3.120 LULLA, J

2-ADVANCED ACCOUNT PLANNING

Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing.

• 06230 TTH 1230 - 200P CMA 6.146 MACKERT, M

5-INTEGRATED COMM FOR SPORTS

Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing. meets with ADV 305S, P R 305S.

• 06235 MWF 1000 - 1100 CMA 2.306 WILLE, S

ADV 392 2-ADVNCD ADVERTISING THEORS I

Course number may be repeated for credit when the topics vary. Examination of important current areas in advertising research and theory. Prerequisite: Admission to a doctoral program and consent of the graduate adviser.

• 06240 TTH 200 - 330P BUR 228 OH, J

3-ADVERTISING RESEARCH I

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Examination of important current areas in advertising research and theory. Prerequisite: Admission to a doctoral program and consent of the graduate adviser.

• 06245 M 900 - 1200 CMA 6.172 LEE, W

ADV 395 ADVERTISING INTERNSHIP

Hour(s) to be arranged. Offered on the credit/no credit basis only. Practical work experience in advertising sales, creative management, and research with advertisers, agencies, media, or auxiliary services. Prerequisite: Graduate standing; Advertising 380, 385, and 387 with a grade of at least B in each; and a University grade point average of at least 3.00.

• 06250 CUNNINGHAM, I

ADV 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in advertising and written consent of the supervising faculty member and the graduate adviser received prior to registering; for 698B, Advertising 698A and written consent of the supervising faculty member and the graduate adviser received prior to registering.

• 06255

ADV 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in advertising and written consent of the supervising faculty member and the graduate adviser received prior to registering; for 698B, Advertising 698A and written consent of the supervising faculty member and the graduate adviser received prior to registering.

• 06260

course	unique	days	time	room	instructor

ADV 398R MASTER'S REPORT

Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in advertising and written consent of the supervising faculty member and the graduate adviser received prior to registering.

• 06265

ADV 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser received prior to registering.

• 06270

ADV 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser received prior to registering.

• 06275

ADV 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser received prior to registering.

• 06280

ADV 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Advertising 399R, 699R, or 999R, and written consent of the graduate adviser received prior to registering.

• 06285

ADV 699W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Advertising 399R, 699R, or 999R, and written consent of the graduate adviser received prior to registering.

• 06290

ADV 999W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Advertising 399R, 699R, or 999R, and written consent of the graduate adviser received prior to registering.

• 06295

P R 305 FUNDMNTLS OF PUBLIC RELATIONS

An introduction to public relations history and practice. Restricted to non-public relations majors.

• 06350 MWF 100 - 200P CMB 2.104 JUNKER, D

P R 305S INTEGRATED COMM FOR SPORTS

Examination of the mass media industry in relation to the field of sports. Focus on the "off-the-field" industries of advertising, marketing, and public relations that impact sports; rights fees contracts; pre-game shows; gameday production; in-stadium activities; and press coverage. Only one of the following may be counted: Advertising 305S, 378 (Topic 7: Integrated Communication for Sports), Kinesiology 352K (Topic: Integrated Communication for Sports), Public Relations 305S. same as ADV 305S. also meets with ADV 391K (TOPIC 5).

• 06355 MWF 1000 - 1100 CMA 2.306 WILLE, S

P R 309 INTRO TO ADVR/P R RSCH-WB

Hour(s) to be arranged. Introduction to concepts and methods of statistics, with emphasis on analyzing personal and group behaviors. Includes exploratory data analysis, correlation and regression, descriptive statistics, sampling distributions, confidence intervals, and hypothesis testing. Only one of the following may be counted: Advertising 309R, 378 (Topic: Introduction to Advertising and Public Relations Research), Public Relations 309, 378 (Topic: Topic: Introduction to Advertising and Public Relations Research). Restricted to advertising and public relations majors. Taught as a Web-based course. same as ADV 309R.

• 06360 EASTIN, M

P R 320 INTEG COMM FOR NONPROF ORGS

Explores integrated communication and branding in a variety of nonprofitsettings. Examines the strategic, integrated use of multiple communication approaches, including advertising, public relations, new media, promotions, sponsorships, and special events. Only one of the following may be counted: Advertising 320, 378 (Topic 17), Public Relations 320, 378 (Topic 5). same as ADV 320.

• 06365 TTH 330 - 500P CMA 3.124 DRUMWRIGHT, M

P R 323 PUBLIC COMM OF SCIENCE/TECH

Explores the rapidly growing field of science communication. Examines the intersection of science, media, and society, focusing on media's impact on how people come to understand, perceive, and act relative to scientific issues. Special attention will be directed toward the strategic communication of science and maximizing scientists' engagementwith public audiences. Only one of the following may be counted: Advertising 323, 378 (Topic: PUBLIC COMM OF SCIENCE/TECH), Public Relations 323, 378 (Topic: PUBLIC COMM OF SCIENCE/TECH). Partially taught as a Web-based course. same as ADV 323.

• 06370 DUDO, A

P R 324 COMMUNICATING SUSTAINABILITY

Focuses on persuasion in the context of environmental attitudes and behaviors. Explores how humans think about and interact with the environment, paying particular attention to climate change. Drawing on theory and examples, examines the challenges and opportunities that arise when people try to communicate about the environment and change individual attitudes and behaviors. Only one of the following may

April 3, 2018

course	unique	days	time	room	instructor

be counted: Advertising 324, 378 (Topic: Communicating Sustainability), Public Relations 324, 378 (Topic: Communicating Sustainability). same as ADV 324.

• 06375	MW	200 - 330P	CMA 3.124	ATKINSON, L

P R 332 TECHNOLOGY MARKETING/ADV

Explores case histories, interviews with leading technology advertising and marketing executives, and latest trends in digital advertising, bothmobile and social, as well as its impact across marketing segments and industries. Only one of the following may be counted: Advertising 332, 378 (Topic 23), Public Relations 332. same as ADV 332.

• 06380	TH	330 - 630P	UTC 2.112A	BUNTING, J

P R 332C NEW MEDIA ENTREPRENEURIALISM

Covers real life experience/exposure with a series of interviews with real-life practitioners from social media, venture capital, and others with expertise in the field. Explores important trends in digital content and digital business models; a primer for those who wish to learn about entrepreneurialism, technology, and it's intersection with media. Only one of the following may be counted: Advertising 332C, 378 (Topic:New Media Entrepreneurialism), Public Relations 332C, 378 (Topic: New Media Entrepreneurialism). same as ADV 332C.

• 06385	TH	1230 - 330P	BMC 2.106	BUNTING, J

P R 332D ENTREPRENEURIALISM IN COMM

Project-oriented exercise where small teams conceptualize a business idea in communications, curate the insights and opinions of fellow team members, and ultimately develop a business plan around their new endeavor. A panel of local entrepreneurs will provide feedback and critique. Only one of the following may be counted: Advertising 332D, 378 (Topic: Entrepreneurialism in Comm), Public Relations 332D. Prerequisite: Consent of Instructor. Partially taught as a Web-based course. same as ADV 332D.

• 06390				BUNTING, J

P R 339K DIGITAL GRAPHIC COMM

Introduction to the fundamentals of good graphic design, as well as production basics. Develops digital design skills using industry-standard software, from print (Adobe InDesign, Photoshop, Illustrator) to motion (Adobe Premiere, AfterEffects) and interactive (HTML, CSS, WordPress). Assumes no prior knowledge. Only one of the following may be counted: Advertising 339K, 378 (Topic: Digital Graphic Communication), Public Relations 339K, 378 (Topic: Digital Graphic Communication). same as ADV 339K.

• 06395	TTH	330 - 500P	CMB 2.102	MCCUTCHIN, M

P R 339L BRAND STORYTELLING

Examination of how classic elements of storytelling, semiotics, and symbolism can be used to create and manage a modern brand's story and 'meaning'. Create visual, verbal, and video examples of brand storytelling that go beyond traditional advertising and public relations. Only one of the following may be counted: Advertising 339L, 378 (Topic: Brand Storytelling), Public Relations 339L, 378 (Topic: Brand Storytelling). same as ADV 339L.

• 06400	MW	930 - 1100	BMC 2.106	MCCUTCHIN, M

P R 348 PUBLIC RELATIONS TECHNIQUES

Laboratory hour(s) to be arranged. Analysis and production of print, electronic, and oral messages to achieve organizational objectives; fundamentals of media relations; Internet applications. Prerequisite: Upper-division standing; Advertising 318J with a grade of at least B; and one of the following with a grade of at least C: Journalism 317 or Public Relations 317.

• 06405	TTH	200 - 330P	CMB 2.102	MCCUTCHIN, M

P R 348S THE BUSINESS OF SPORTS MEDIA

Examination of the business of sports-related media, including over-the-air television, cable, satellite television, print, radio, social media, and internet-based media, and the impact of such media on sports presentation and development, professional franchises, colleges, and conferences. Emphasis on how the business of sports media generates revenue and content, and the business models for each type of media, the challenges to such models, and the likely future changes to them. Only one of the following may be counted: Advertising 348S, 378 (Topic: The Business of Sports Media), Communication 325 (Topic: The Business ofSports Media), Journalism 348G, 349T (Topic: The Business of Sports Media), Public Relations 348S, 378 (Topic: The Business of Sports Media). same as ADV 348S, J 348G.

• 06410	TH	400 - 700P	BUR 116	CRAMER, M

P R 350 PUBLIC RELATIONS INTERNSHIP

Hour(s) to be arranged. Offered on the pass/fail basis only. Internship to be arranged by student and approved by instructor. May be taken only once. Restricted to public relations majors. Prerequisite: Advertising 344K, 345J, and Public Relations 348 with a grade of at least C in each.

• 06415				CUNNINGHAM, I

P R 350S INTERNSHIP IN SPORTS MEDIA

Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experience in sports media. Internship to be arranged by student and approved by instructor. May not be counted toward the Bachelor of Science in Advertising or the Bachelor of Science in Public Relations degrees. Restricted to Texas Program in Sports and Media students. Prerequisite: Upper-division standing; a University grade point average of at least 2.25; Advertising 305S or Public Relations 305S; and three additional hours from the Sports Media Certificate approved coursework list. same as ADV 350S.

• 06420				CUNNINGHAM, I

P R 151 PUBLIC RELATIONS INTERNSHIP

Hour(s) to be arranged. Offered on the pass/fail basis only. Designed for students who have completed a three-semester-hour internship in public relations. Prerequisite: Public Relations 350; consent of the public relations internship coordinator; and completion of the major requirements for enrollment in an internship course.

• 06425				CUNNINGHAM, I

P R 352 STRATEGIES IN PUBLIC RELATIONS

Strategies relating to public relations disciplines, including the management of external, internal, community, nonprofit, and media issues, and public relations marketing programs. Restricted to public relations majors. Prerequisite: Public Relations 348 with a grade of at least C.

• 06430	W	400 - 700P	BMC 4.206	ARMIJO, S
• 06435	TH	400 - 700P	BMC 4.206	HEMEYER, T
• 06440	T	530 - 830P	BMC 4.206	HUNT, J

P R 353 ADV & PUBLIC RELS LAW & ETHICS

Only one of the following may be counted: Advertising 353, 376, Public Relations 353, 376. Fulfills the communication and culture requirement in the College of Communication. Restricted to advertising and public relations majors. Prerequisite: Advertising 318J with a grade of at least B and a University grade point average of at least 2.25. same as ADV 353.

• 06445	TTH	1100 - 1230P	BEL 328	WILCOX, G
• 06450	MWF	1200 - 100P	BMC 1.202	POUNDERS, K

P R 367 INTEGRATED COMMUNICATNS MGMT

Public relations as a managerial problem-solving process; strategic management of programs to enhance public-organizational relationships. Advertising 370J and Public Relations 367 may not both be counted. Prerequisite: Advertising 344K, 345J, Marketing 320F, and Public Relations 348 with a grade of at least C in each. meets with ADV 370J.

• 06455	MWF	1100 - 1200	BMC 4.208	LEWIS, R
• 06460	MWF	1100 - 1200	BMC 4.208	MARMOR-LAVIE, G
• 06465	TTH	1100 - 1230P	BMC 4.208	STAVCHANSKY DE LEW
• 06470	MWF	1200 - 100P	BMC 4.206	BELL, T

INTEGRATED COMMUNICATNS MGMT

Designed to accommodate 35 or fewer students. Public relations as a managerial problem-solving process; strategic management of programs to enhance public-organizational relationships. Advertising 370J and Public Relations 367 may not both be counted. Prerequisite: Advertising 344K, 345J, Marketing 320F, and Public Relations 348 with a grade of at least C in each. meets with ADV 370J.

• 06475	MW	200 - 330P	PAR 306	SCHEINBAUM, A

INTEGRATED COMMUNICATNS MGMT

Public relations as a managerial problem-solving process; strategic management of programs to enhance public-organizational relationships. Advertising 370J and Public Relations 367 may not both be counted. Prerequisite: Advertising 344K, 345J, Marketing 320F, and Public Relations 348 with a grade of at least C in each. meets with ADV 370J.

• 06480	MWF	200 - 300P	BMC 4.206	MARMOR-LAVIE, G
• 06485	M	200 - 500P	CMA 3.120	CUNNINGHAM, I
• 06490	TH	330 - 630P	BMC 3.206	STOUT, P
• 06495	MW	500 - 630P	BMC 3.206	WEBBER, E

P R 369 SOCIAL MEDIA

Offered on the letter-grade basis only. May be repeated for credit. Introduction to social networking platforms and their application in relation to media plans, brand building, and insights. May be repeated once for credit. Only one of the following may be counted Advertising 369, 378 (Topic: Social Media), Public Relations 369, 378 (Topic: Social Media). Prerequisite: Upper-division standing, a University grade point average of at least 2.25, and consent of instructor. same as ADV 369. also meets with ADV 391K.

• 06500	MWF	100 - 200P	BMC 4.206	WILCOX, G

P R 377K INTEGRATED COMM CAMPAIGNS

Integration of theory, research methods, and communication techniques for planning, implementing, and evaluating public relations campaigns; client proposal writing and presentation. Only one of the following may be counted: Advertising, 373, 373H, Public Relations 377H, 377K. Prerequisite: Public Relations 367. meets with ADV 373.

• 06505	TTH	930 - 1100	BUR 228	LOVE, B

INTEGRATED COMM CAMPAIGNS

Restricted enrollment; contact the department for permission to register for this class. Integration of theory, research methods, and communication techniques for planning, implementing, and evaluating public relations campaigns; client proposal writing and presentation. Only one of the following may be counted: Advertising, 373, 373H, Public Relations 377H, 377K. Prerequisite: Public Relations 367. meets with ADV 373.

• 06510	TTH	930 - 1100	CMA 3.120	STAVCHANSKY DE LEW
• 06515	TTH	200 - 330P	BMC 4.206	WEBBER, E
• 06520	MW	330 - 500P	BMC 4.208	ROMERO, J

INTEGRATED COMM CAMPAIGNS

Restricted enrollment; contact the department for permission to register for this class. Integration of theory, research methods, and communication techniques for planning, implementing, and evaluating public relations campaigns; client proposal writing and presentation. Only one of the following may be counted: Advertising, 373, 373H, Public Relations 377H, 377K. Prerequisite: Public Relations 367. Partially taught as a Web-based course. meets with ADV 373.

• 06525	TTH	1230 - 200P	BMC 3.206	STAVCHANSKY DE LEW

P R 378 BUILDING YOUR BRAND

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Topic description: Course examines social media footprint as an extension of a brand and explores current literature for critiquing, building, and re-building brand identity. meets with ADV 378.

• 06530	TTH	500 - 630P		LIGHT, A

course unique days time room instructor

ENTRTNMNT PRSS/PUBLC RELTN-L A
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Topic description: Course explores the roles of the news, entertainment press, publicity, promotion and public relations in the entertainment industry. Restricted to students admitted to the Semester in Los Angeles P rogram. Taught in Los Angeles, California.
• 06535 WRENN, S

SOCIAL ENTERPRISE BRANDING
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with ADV 378, ADV 447.
• 06540 TTH 330 - 500P BMC 4.208 WILCOX, G

P R 378S SPORTS/ENTERTAINMENT LAW/BUSN
Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media as they affect sports and entertainment advertising and public relations. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing, and a University grade point average of at least 2.25. meets with ADV 378S.
• 06545 W 330 - 630P BMC 4.378A WELLS, J

WIDE WORLD OF SPORTS BUSN
Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media as they affect sports and entertainment advertising and public relations. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing, and a University grade point average of at least 2.25. meets with ADV 378S.
• 06550 MW 1000 - 1130 BMC 1.202 LULLA, J

8-COLLEGE SPORTS MEDIA
Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media as they affect sports and entertainment advertising and public relations. An examination of the history of college sports media, with an emphasis on the evolution of sports coverage from NCAA-controlled limited broadcasting of football and basketball,to present day intercollegiate athletics coverage available via multiple outlets. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing, and a University grade point average of at least 2.25. same as ADV 378S (TOPIC 8).
• 06555 MW 1230 - 200P PAR 203 LULLA, J

9-SPORT CON NEGOTIATION TECHS
Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media as they affect sports and entertainment advertising and public relations. Strategies and techniques for successfully negotiating contracts, with a special emphasis on the negotiation of sports contracts. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing, and a University grade point average of at least 2.25. same as ADV 378S (TOPIC 9). also meets with ADV 391K.
• 06560 MW 800 - 930 CMA 3.120 LULLA, J

11-SPORTS AND SOCIAL MEDIA
Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media as they affect sports and entertainment advertising and public relations. Designed to provide an understanding of and experience with the components and best practices of social media, marketing, and communications as they relate to sports entities and the sports field as a whole. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing, and a University grade point average of at least 2.25. same as ADV 378S (TOPIC 11).
• 06565 MW 300 - 430P CMA 3.116 WILLE, S

12-SPORTS AUDIENCES
Course number may be repeated for credit when the topics vary. Topics in sports media related to issues in traditional and new media as they affect sports and entertainment advertising and public relations. An exploration of marketing innovations in sports to attract audiences, and the use of sports media by advertisers, sponsors, and other entities to target various customer groups. Advertising 378S and Public Relations 378S may not both be counted unless the topics vary. Prerequisite: Upper-division standing, and a University grade point average of at least 2.25. same as ADV 378S (TOPIC 12).
• 06570 MW 100 - 230P BUR 216 WILLE, S

P R 379 PUBLIC RELATIONS PROBLEMS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Public Relations 352.
• 06575

DEPARTMENT OF COMMUNICATION SCIENCES AND DISORDERS

Communication Sciences and Disorders - CSD

CSD 306K INTRODUCTION TO COMM DISORDERS
Introduction to the study of processes and disorders of speech, language, and hearing; observation in the University Speech and Hearing Center.
• 06630 MWF 900 - 1000 BMC 1.202

CSD 308K PERSPECTIVES ON DEAFNESS
Examination of deafness from a number of perspectives: social and psychological meanings of deafness, the deaf community, education of deaf children, sign languages, and historical trends. Fulfills the communication and culture requirement in the College of Communication.
• 06635 TTH 330 - 500P CMA 2.306 BERNSTEIN, M

CSD 311K PHONETIC DESCRIPTION OF SPEECH
Speech production, physiological analysis and description of speech sounds, voice quality, and voice dynamics; notation; phonetic theory; applications of phonetics.
• 06640 MWF 1100 - 1200 CMB 2.102

CSD 312 DEVELOPMENTAL LANGUAGE SCIENCE
Introduction to assessment procedures and treatment strategies for children with speech and language disorders. Communication Sciences and Disorders 312 and 318K may not both be counted. Prerequisite: Communication Sciences and Disorders 306K or 308K with a grade of at least C-, and Communication Sciences and Disorders 311K witha grade of at least C-.
• 06645 MWF 800 - 900 CMB 2.104 HINES STAPLES, N

CSD 313L HEARING SCIENCE
Acoustical, physiological, and psychological bases of normal human hearing; theories of audition; laboratory techniques in hearing science research.
• 06650 MW 700 - 830P BMC 1.202 LIU, C

CSD 113P HEARING SCIENCE: LAB
Laboratory hour(s) to be arranged. Designed to accommodate 100 or more students. Additional hour(s) to be arranged. Acoustical, physiological, and psychological bases of normal human hearing; theories of audition; laboratory techniques in hearing science research.
• 06655 MW 830 - 900P BMC 1.202 LIU, C

CSD 314L SOCIOCUL BASES OF COMMUNICATN
An introduction to the influences of social and cultural factors, such as ethnicity, socioeconomic status, and geographic region, on communication acquisition and use, with a focus on cross-cultural communication issues in a diverse society.
• 06660 MWF 1200 - 100P CMB 2.102 GKALITSIOU, Z

CSD 315S SPEECH SCIENCE
Neurophysiological mechanisms underlying the encoding and decoding of speech. Only one of the following may be counted: Communication Sciences and Disorders 315S, 358S, Linguistics 315, 358S. Prerequisite: For communication sciences and disorders majors, nine hours of lower-division coursework in Communication Sciences and Disorders. same as LIN 315.
• 06665 TTH 930 - 1100 CMB 2.104 CHANDRASEKARAN, B

CSD 118L ACQ OF COMM ABILS IN CHLD: LAB
Hour(s) to be arranged. Clinical laboratory experience in child language. Prerequisite: Communication Sciences and Disorders 306K or 308K with a grade of at least C-, and Communication Sciences and Disorders 311K witha grade of at least C-.
• 06667

CSD 140L PROF ISSUES IN CSD
Offered on the pass/fail basis only. Issues in ethics, licensure, certification, and professional practice in communication disorders. May not be counted toward a degree. Restricted to communication sciences and disorders majors. Prerequisite: Upper-division standing and twelve semester hours of coursework in communication sciences and disorders.
• 06670 M 1200 - 100P CMA 3.124 LUGO-NERIS, M

CSD 341 PRINCIPLES OF AUDIOLOGY
Causes of hearing disorders; diagnostic procedures and treatment. Prerequisite: Upper-division standing and Communication Sciences and Disorders 313L with a grade of at least C-.
• 06675 TTH 800 - 930 CMA 3.124 CAMPBELL, J

CSD 350 LANGUAGE AND THE BRAIN
Delves into the neuroanatomical and functional operations of the major brain structures that underlie speech/language. Subjects include hemispheric dominance for language, neurological and language breakdowns in aphasia, and brain imaging methods and studies of language representation. Prerequisite: Upper-division standing. same as LIN 350 (TOPIC 1).
• 06680 TTH 200 - 330P GSB 2.124 SUSSMAN, H

CSD 352 AUGMENTATV/ALTERNATV COMM
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Topic title: Augmentative and alternative communication. meets with SED 378T.
• 06685 TTH 330 - 500P BUR 208 KOUL, R

CSD 359H HONORS TUTORIAL CRS: READING
Intensive reading and research as planned by the departmental honors committee. Restricted to senior communication sciences and disorders majors. Prerequisite: Upper-division standing; twenty-four semester hours of coursework in communication sciences and disorders, twelve of which must be upper-division; and admission to the Communication Sciences and Disorders Honors Program.
• 06690

CSD 367K INTRO SP/LNG DIS ASSMT/TRT CHL
Introduction to assessment procedures and treatment strategies for children with speech and language disorders. Restricted to communication sciences and disorders majors. Prerequisite: Senior standing and the following coursework with a grade of at

course	unique	days	time	room	instructor

least C- in each course: Communication Sciences and Disorders 306Kor 308K; 311K and 313L; 312 (or 318K); 315S (or 358S) or Linguistics 315 (or 358S).

• 06695	TTH	1230 - 200P	CMB 2.104	BYRD, C

CSD 370 CLINICAL RESEARCH IN CSD

Additional hour(s) to be arranged. May be repeated for credit. Supervised participation in clinical research internships. A maximum of 3 hours may be counted toward the degree.

• 06700	MW	400 - 500P	CMA 3.124	HINES STAPLES, N

CSD 371 INT SP/LNG DIS ASSMT/TR ADU

Introduction to assessment procedures and treatment strategies for adults with speech and language disorders. Restricted to communication sciences and disorders majors. Prerequisite: Senior standing and the following coursework with a grade of at least C- in each course: Communication Sciences and Disorders 306Kor 308K; 311K, 313L, and 350; and 315S (or 358S) or Linguistics 315 (or 358S).

• 06705	TTH	200 - 330P		HENRY, M

CSD 373 PRINS AURAL REHABILITATION-WB

Additional hour(s) to be arranged. Rationale, methods, materials, procedures, and criteria for aural rehabilitation for hearing-impaired persons. Restricted to communication sciences and disorders majors. Prerequisite: Upper-division standing and the following coursework with a grade of at least C- in each: Communication Sciences and Disorders 306K or 308K; 311K; 313L; 341; and 315S (or 358S) or Linguistics 315 (or 358S). Taught as a Web-based course.

• 06710	TTH	630 - 730P		KAMDAR, S

CSD 175N DEAF EDUCATION SEMINAR

May be repeated for credit. Discussion of selected topics in social, political, and educational aspects of deafness. Communication sciences and disorders majors specializing in education of the deaf/hearing-impaired may count no more than four semester hours in this course toward the degree; communication sciences and disorders majors specializing in audiology or specializing in speech/language pathology may count no more than two semester hours in this course toward the degree; other students with majors in the College of Communication may count no more than one semester hour in this course toward the degree. Prerequisite: Upper-division standing.

• 06715	TH	500 - 600P	BMC 4.204	BERNSTEIN, M

CSD 378 CLINICAL AUDIOLOGY

Differential diagnostic procedures for evaluation of auditory disorders--theoretical concepts and clinical applications. Prerequisite: Upper-division standing and Communication Sciences and Disorders 341.

• 06720	TTH	800 - 930	CMA 6.174	KAMDAR, S

CSD 378C EVIDENCE-BASED PRACTICE-CSD

Offered on the letter-grade basis only. Examines the principles and implementation of the theory of evidence-based practice in speech-language pathology and audiology. Prerequisite: Upper-division standing and consent of instructor.

• 06725	MW	800 - 930	CMA 6.170	BYRD, C

CSD 178K STDS IN COMM SCI AND DISORDERS

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual research. May be repeated for credit with consent of the department chair. Only three semester hours may count toward a degree in the College of Communication. No more than three semester hours may be taken on the letter-grade basis. Restricted to communication sciences and disorders majors. Prerequisite: Upper-division standing; eighteen semester hours of coursework in communication sciences and disorders, including at least six hours of upper-division coursework; a University grade point average of at least 2.50; a grade point average in all College of Communication coursework of at least 3.00; and approval of a project in advance of registration.

• 06730

CSD 278K STDS IN COMM SCI AND DISORDERS

Hour(s) to be arranged. Supervised individual research. May be repeated for credit with consent of the department chair. Only three semester hours may count toward a degree in the College of Communication. No more than three semester hours may be taken on the letter-grade basis. Restricted to communication sciences and disorders majors. Prerequisite: Upper-division standing; eighteen semester hours of coursework in communication sciences and disorders, including at least six hours of upper-division coursework; a University grade point average of at least 2.50; a grade point average in all College of Communication coursework of at least 3.00; and approval of a project in advance of registration.

• 06735

CSD 378K STDS IN COMM SCI AND DISORDERS

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual research. May be repeated for credit with consent of the department chair. Only three semester hours may count toward a degree in the College of Communication. No more than three semester hours may be taken on the letter-grade basis. Restricted to communication sciences and disorders majors. Prerequisite: Upper-division standing; eighteen semester hours of coursework in communication sciences and disorders, including at least six hours of upper-division coursework; a University grade point average of at least 2.50; a grade point average in all College of Communication coursework of at least 3.00; and approval of a project in advance of registration.

• 06740

CSD 180E CONF CRS IN COMM SCI & DISORD

Hour(s) to be arranged. May be repeated for credit. Readings in the literature of communication sciences and disorders designed to expand the graduate student's opportunity for individual consultation both in research and in informational aspects of the work. Prerequisite: Graduate standing.

• 06745

CSD 380E CONF CRS IN COMM SCI & DISORD

Hour(s) to be arranged. May be repeated for credit. Readings in the literature of communication sciences and disorders designed to expand the graduate student's opportunity for individual consultation both in research and in informational aspects of the work. Prerequisite: Graduate standing.

• 06750

CSD 181L CLINICAL PRACTICUM

Hour(s) to be arranged. May be repeated for credit. Supervised practicum in speech/language pathology or audiology. Prerequisite: Admission to the graduate program in speech/language pathology or audiology.

• 06755

CSD 383N BEHAVR/LRNING PRINS

Course number may be repeated for credit when the topics vary. Strategies for original research in developmental sequences of communication behaviors and for research in classroom applications; representative topics include linguistic behaviors, oral language development, and second language instruction. Prerequisite: Graduate standing.

• 06760	TTH	330 - 500P	CMA 4.126	

CSD 185C CLIN PRAC PEDIAT SPC/LANG PATH

Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser

• 06765	F	830 - 1230P	CMA 2.202	LUGO-NERIS, M

CSD 285C CLIN PRAC PEDIAT SPC/LANG PATH

Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser

• 06770	W	700 - 1200	CMA 2.202	SUNDARRAJAN, M
• 06775	T	200 - 600P	CMA 2.202	FRANCO, J
	TH	300 - 600P	CMA 2.202	

CSD 385C CLIN PRAC PEDIAT SPC/LANG PATH

Hour(s) to be arranged. Designed to accommodate 35 or fewer students. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser

• 06780				FRANCO, J

CLIN PRAC PEDIAT SPC/LANG PATH

Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser

• 06785	M	200 - 600P	CMA 2.202	LUGO-NERIS, M
	W	100 - 500P	CMA 2.202	

CSD 185D CLIN PRAC ADULT SPCH/LANG PATH

Additional hour(s) to be arranged. May be repeated for credit. Practicum in the prevention and treatment of speech and/or language disorders in adults. Restricted to master's students in speech/language pathology. Prerequisite: Graduate standing; Communication Sciences and Disorders 371, or registration for Communication Sciences and Disorders 393E (Topic 3: Acquired Language Disorders) or 393F (Topic 2: Acquired Speech Disorders); and at least three semester hours of graduate coursework in adult speech/language pathology.

• 06790	MW	100 - 300P	CMA 2.202	MEDFORD, C
• 06795	T	200 - 500P	CMA 2.202	LUGO-NERIS, M
• 06800	T	200 - 500P	CMA 2.202	SUNDARRAJAN, M
• 06805	TH	600 - 900P	CMA 2.202	FRANCO, J

CSD 285D CLIN PRAC ADULT SPCH/LANG PATH

May be repeated for credit. Practicum in the prevention and treatment of speech and/or language disorders in adults. Restricted to master's students in speech/language pathology. Prerequisite: Graduate standing; Communication Sciences and Disorders 371, or registration for Communication Sciences and Disorders 393E (Topic 3: Acquired Language Disorders) or 393F (Topic 2: Acquired Speech Disorders); and at least three semester hours of graduate coursework in adult speech/language pathology.

• 06810	W	900 - 400P	CMA 2.202	FRANCO, J

CLIN PRAC ADULT SPCH/LANG PATH

Additional hour(s) to be arranged. May be repeated for credit. Practicum in the prevention and treatment of speech and/or language disorders in adults. Restricted to master's students in speech/language pathology. Prerequisite: Graduate standing; Communication Sciences and Disorders 371, or registration for Communication Sciences and Disorders 393E (Topic 3: Acquired Language Disorders) or 393F (Topic 2: Acquired Speech Disorders); and at least three semester hours of graduate coursework in adult speech/language pathology.

• 06815	MW	900 - 100P	CMA 2.202	MEDFORD, C

CSD 186D ASSMT OF SP/LANG DISORDERS

Additional hour(s) to be arranged. May be repeated for credit. Differential diagnosis and assessment of communication disorders. Restricted to master's students in speech/language pathology. Prerequisite: Graduate standing, Communication Sciences and Disorders 285C and 285D, and one hundred clinical clock hours. At least two semester hours of coursework in assessment in speech language pathology are recommended.

• 06820	T	930 - 1230P	CMA 2.202	FRANCO, J
• 06825	T	930 - 1230P	CMA 2.202	LUGO-NERIS, M

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course	unique	days	time	room	instructor
	• 06830	T	930 - 1230P	CMA 2.202	MEDFORD, C
	• 06835	T	930 - 1230P	CMA 2.202	SUNDARRAJAN, M

CSD 287E SPEECH/LANG PATHOL EXTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Field placement in speech/language pathology. Restricted to master's students in speech/language pathology. Prerequisite: Graduate standing, Communication Sciences and Disorders 285C and 285D, and one hundred clinical clock hours.

	• 06840				FRANCO, J
	• 06845				LUGO-NERIS, M
	• 06850				SUNDARRAJAN, M

CSD 387E SPEECH/LANG PATHOL EXTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Field placement in speech/language pathology. Restricted to master's students in speech/language pathology. Prerequisite: Graduate standing, Communication Sciences and Disorders 285C and 285D, and one hundred clinical clock hours.

	• 06851				FRANCO, J
	• 06853				SUNDARRAJAN, M

CSD 387P CLINCL PRACTICUM IN AUDIOLOGY
Additional hour(s) to be arranged. May be repeated for credit. Restricted to professional students in audiology. Prerequisite: Graduate standing; Communication Sciences and Disorders 185H, 285H, or 385H; and one hundred clinical clock hours.

	• 06855	F	800 - 1100	CMA 6.146	
	• 06860	F	800 - 1100	CMA 6.170	ZAPPLER, A
	• 06865	F	100 - 400P	CMA 6.146	ZAPPLER, A

CSD 390Q BUSINESS APPLICATIONS
Offered on the letter-grade basis only. Issues associated with the development, operation, and management of businesses devoted to service delivery in audiology and speech-language pathology. Communication Sciences and Disorders 190J, 390J and 190Q, 390Q may not both be counted. Prerequisite: Graduate standing.

	• 06870	TTH	530 - 700P	CMA 6.174	

CSD 391P ANAT & PHYSIOL OF AUDITORY SYS
Subjects associated with the structure and function of the auditory system, including hearing and balance mechanisms. Communication Sciences and Disorders 391P and 391Q may not both be counted. Prerequisite: Graduate standing. meets with CSD 391Q.

	• 06875	MW	300 - 430P	CMA 6.146	HAMILTON, J

CSD 391Q ANAT/PHYSIOLGY AUDITORY SYS
Subjects associated with the structure and function of the auditory system, including hearing and balance mechanisms. Communication Sciences and Disorders 391P and 391Q may not both be counted. Prerequisite: Graduate standing. meets with CSD 391P.

	• 06880	MW	300 - 430P	CMA 6.146	HAMILTON, J

CSD 392Q COUNSELING IN AUDIOLOGY
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Addresses audiologist counseling roles when working with hearing impaired individuals and their families. Includes both classroom and laboratory activities designed to further enhance the subjects presented. Communication Sciences and Disorders 392Q and 392U may not both be counted. Prerequisite: Graduate standing.

	• 06885	TTH	1100 - 1230P	ECJ 1.304	CAREY, A

CSD 293D 1-VOICE DISORDERS
Course number may be repeated for credit when the topics vary. Core courses for clinical competence in speech/language pathology. Prerequisite: Graduate standing.

	• 06890	T	500 - 700P	CMA 6.170	HINES STAPLES, N

CSD 393D KNOWLEDGE/SKILLS CLIN SCI
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Core courses for clinical competence in speech/language pathology. Prerequisite: Graduate standing.

	• 06893				LUGO-NERIS, M

KNOWLEDGE/SKILLS CLIN SCI
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Core courses for clinical competence in speech/language pathology. Prerequisite: Graduate standing.

	• 06894				

2-DEVELOPMNTL SPEECH DISORDERS
Course number may be repeated for credit when the topics vary. Core courses for clinical competence in speech/language pathology. Prerequisite: Graduate standing.

	• 06895	TTH	800 - 930	CMB 2.104	BEDORE, L

CSD 393E 3-ACQUIRED COGNIT COMM DISORDS
Course number may be repeated for credit when the topics vary. New developments in related areas and their applications to speech/language pathology. Topics include infants and young children, clinical instrumentation, neuroanatomy, genetic considerations in speech/language pathology, prosody. Prerequisite: Graduate standing. Additional prerequisite: Graduate standing

	• 06900	TTH	930 - 1100	CMA 6.170	HENRY, M

CSD 393K CHILD LANG DISORDERS
May be repeated for credit. Prerequisite: Graduate standing.

	• 06905	TTH	1230 - 200P	CMA 6.170	

CSD 394D HEARING CONSERVATION
Auditory and nonauditory effects of noise; damage-risk criteria; federaland state laws governing noise and noise control; acoustic measurement procedures; identification audiometry; ear protection; nonorganic hearing loss and evaluative procedures. Communication Sciences and Disorders 394D and 394Q may not both be counted Prerequisite: Graduate standing and Communication Sciences and Disorders378. meets with CSD 394Q.

	• 06910	TTH	1100 - 1230P	CMA 6.174	CHAMPLIN, C

CSD 394E AUDITORY ELECTROPHYSIOLOGY
Review of the auditory nervous system; in-depth evaluation of electrodermal, electroencephalographic, and electrocardiographic audiometry. Communication Sciences and Disorders 394E and 394G may not both be counted. Prerequisite: Graduate standing; and Communication Sciences and Disorders 391P or 391Q or consent of instructor. meets with CSD 394G.

	• 06915	TTH	200 - 330P	CMA 6.174	HSIEH, M

CSD 394G AUDITORY ELECTROPHYSIOLOGY
Review of the auditory nervous system; in-depth evaluation of electrodermal, electroencephalographic, and electrocardiographic audiometry. Communication Sciences and Disorders 394E and 394G may not both be counted. Prerequisite: Graduate standing; Communication Sciences and Disorders 391P or 391Q. meets with CSD 394E.

	• 06920	TTH	200 - 330P	CMA 6.174	HSIEH, M

CSD 394P AMPLIFYING SYS IN AURAL REHAB
Principles of hearing aid circuitry and looped systems; ear molds and acoustic properties thereof; electroacoustic properties of hearing aids and selection procedures. Communication Sciences and Disorders 394C and 394P may not both be counted. Prerequisite: Graduate standing.

	• 06925	TTH	500 - 630P	BMC 3.204	ZAPPLER, A

CSD 394Q HEARING CONSERVATION
Auditory and nonauditory effects of noise; damage-risk criteria; federaland state laws governing noise and noise control; acoustic measurement procedures; identification audiometry; ear protection; nonorganic hearing loss and evaluative procedures. Communication Sciences and Disorders 394D and 394Q may not both be counted. Prerequisite: Graduate standing. meets with CSD 394D.

	• 06930	TTH	1100 - 1230P	CMA 6.174	CHAMPLIN, C

CSD 394S MEDICAL AUDIOLOGY
Audiologic implications of pathology and medical and/or surgical treatment of the ear; otologic diagnoses. Communication Sciences and Disorders 394F and 394S may not both be counted. Prerequisite: Graduate standing.

	• 06935	TTH	1230 - 200P	BMC 4.204	CAMPBELL, J

CSD 396M INSTRUMENTATION IN COMM SCI
Electrophysiological and electroacoustic procedures in the study of communication behaviors. Communication Sciences and Disorders 396M and 396P may not both be counted Prerequisite: Graduate standing and consent of instructor. meets with CSD 396P.

	• 06940	W	1200 - 300P	CMA 3.130	CHAMPLIN, C

CSD 396P INSTRUMENTATION IN COMM SCI
Electrophysiological and electroacoustic procedures in the study of communication behaviors. Communication Sciences and Disorders 396M and 396P may not both be counted. Prerequisite: Graduate standing. meets with CSD 396M.

	• 06945	W	1200 - 300P	CMA 3.130	CHAMPLIN, C

CSD 997 CLIN EXTERNSHIP IN AUDIOLOGY
Hour(s) to be arranged. May be repeated for credit. Intensive clinical experience in a work setting. Restricted to students in the Doctor of Audiology program. Prerequisite: Graduate standing and consent of instructor.

	• 06950				

CSD 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in communication sciences and disorders and consent of the graduate adviser; for 698B, Communication Sciences and Disorders 698A.

	• 06955				

CSD 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in communication sciences and disorders and consent of the graduate adviser; for 698B, Communication Sciences and Disorders 698A.

	• 06960				

CSD 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in communication sciences and disorders and consent of the graduate adviser.

	• 06965				

CSD 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

	• 06970				

CSD 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

	• 06975				

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course	unique	days	time	room	instructor

CSD 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 06980

CSD 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Communication Sciences and Disorders 399R, 699R, or 999R.
• 06985

CSD 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Communication Sciences and Disorders 399R, 699R, or 999R.
• 06990

CSD 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Communication Sciences and Disorders 399R, 699R, or 999R.
• 06995

DEPARTMENT OF COMMUNICATION STUDIES

Communication Studies - CMS

CMS 301 INTERNSHIP-WB
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Topic Description: Discuss career goals and gain experience in a communication position with public and private organizations. Taught as a Web-based course.
• 07050

CMS 306M PROFESSNL COMMUNICATION SKILLS
Designed to help students develop skills in one-on-one interactions, small group communication, and presentation skills. Basic communication theories as they relate to skill development are explored. Only one of the following may be counted: Communication Studies 305, 306M, 319, Speech 305, 319.
• 07055 TTH 800 - 930 BMC 4.204
• 07060 TTH 800 - 930 CMA 6.152
• 07065 MWF 900 - 1000 BMC 4.204
• 07070 MWF 900 - 1000 CMA 3.116
• 07075 MWF 900 - 1000 CMA 6.152
• 07080 TTH 930 - 1100 BIO 301
• 07085 TTH 930 - 1100 BMC 3.204
• 07090 TTH 930 - 1100 CMA 6.152
• 07095 MWF 1000 - 1100 CMA 3.120
• 07100 MWF 1000 - 1100 CMA 6.152
• 07105 MWF 1100 - 1200 BMC 4.204
• 07110 MWF 1100 - 1200 CMA 6.152
• 07115 TTH 1100 - 1230P BMC 4.204
• 07120 TTH 1100 - 1230P CMA 6.152
• 07125 MWF 1200 - 100P BMC 4.204
• 07130 TTH 1230 - 200P BMC 3.204
• 07135 MWF 100 - 200P BMC 4.204
• 07140 MWF 100 - 200P CMA 6.152
• 07145 TTH 200 - 330P BMC 4.204
• 07150 TTH 200 - 330P CMA 6.152

CMS 210 FORENSICS WORKSHOP
Laboratory hour(s) to be arranged. May be repeated for credit. Training for participation in extracurricular speech activities, including intercollegiate debate. May be taken three times for credit. Open to all University students.
• 07155 T 630 - 930P BMC 3.206 COX, M
• 07160 W 700 - 1000P BMC 3.206

CMS 310K TEAM-BASED COMMUNICATION
Analysis of small-group communication: cohesiveness, social climate, role structure, leadership, conformity, dynamics of interaction; participation in small-group communication situations.
• 07165 TTH 930 - 1100 CMA 6.174 ROBERTSON, B
• 07170 TTH 1230 - 200P CMA 6.174 ROBERTSON, B

CMS 313M ORGANIZATIONAL COMMUNICATION
Communication processes within government, private, and volunteer organizations.
• 07175 MWF 1000 - 1100 CMB 2.104
• 07180 MWF 1200 - 100P CMB 2.104 SMITH, W

CMS 314L LANG, COMMUNICATION, & CULTURE
The role of language in communication. Analysis of the complexity of human languages, languages in contact, language modality, and communication interaction.
• 07185 MWF 900 - 1000 CMA 6.174
• 07190 MWF 1000 - 1100 CMA 6.174
• 07195 MWF 1100 - 1200 CMA 6.174
• 07200 MWF 1200 - 100P CMA 6.174
• 07205 MWF 100 - 200P CMA 6.174
• 07210 MWF 200 - 300P CMA 6.174

CMS 315M INTERPERSONAL COMM THEORY
Introduction to the study of communication in relationships; topics include self-disclosure, conflict, long-distance relationships, stereotyping, and persuasion.
• 07215 TTH 200 - 330P UTC 2.112A DALY, J

CMS 316L INTERVIEWING PRINS & PRACTICES
Designed to accommodate 35 or fewer students. Introduction to interviewing theory, emphasizing the acquisition and application of interviewing skills.
• 07220 MWF 1000 - 1100 CMA 3.116 BRADFORD, K
• 07225 MWF 1200 - 100P BMC 3.204 BRADFORD, K

CMS 317C SPEECH IN AMERICAN CULTURE
The impact of public discourse on the ideas and issues of culture and history in the United States.
• 07230 MWF 1000 - 1100 BMC 3.204
• 07235 MWF 1100 - 1200 BMC 4.212

CMS 320 ADVANCED PRESENTATION SKILLS
Designed to help students develop skills in delivering informative and persuasive presentations and speeches. Study of major theories related to oral presentations. Focus on audience analysis and adaptation, building strong arguments, speech organization, and use of new technologies. Communication Studies 320 and 367 (Topic: Advanced Presentation Skills) may not both be counted. Prerequisite: Upper-division standing and Communication Studies 306M or Communication Studies 305, with a grade of at least C-.
• 07240 TTH 1100 - 1230P BMC 3.204 COX, M

CMS 322E COMMUNICATION ETHICS
Examination of the ethical issues involved in communication. Subjects addressed include our role in interactions we are party to; media coverage of issues of a sensitive or potentially harmful nature; and how our interactions with others reflect and shape who we are. Prerequisite: Upper-division standing.
• 07245 TTH 200 - 330P CMA 3.116 STROUD, S

CMS 333 CASE STUDIES IN ARGUMENTATION
Study of argumentation theories. Includes analysis of case studies taken from areas of law, public policy, popular culture, and history. Communication Studies 333 and 367 (Topic: Case Studies in Argumentation) may not both be counted. Prerequisite: Upper-division standing.
• 07250 TTH 1230 - 200P CMA 3.124 ROLLINS, J

CMS 334K NONVERBAL COMMUNICATION
Survey of the effects of space, physical appearance, movement, eye behavior, and vocal behavior on interpersonal communication. Prerequisite: Upper-division standing.
• 07255 TTH 200 - 330P BMC 1.202

CMS 337 BUILDING SALES RELATIONSHIPS
Additional hour(s) to be arranged. Explores the theoretical and practical role of communication in the development of long-term client relationships. Explores the consultative sales process, including prospecting, assessing needs, handling objections, presenting, closing, and following up with clients. Focuses on how technology can help or hinder communication. Communication Studies 337 and 367 (Topic: Communication to Build Sales Relationships) may not both be counted. Prerequisite: Upper-division standing. Partially taught as a Web-based course.
• 07260 MW 100 - 200P CMB 2.102 STEPHENS, K

CMS 338 LEADERSHIP STORIES
Additional hour(s) to be arranged. Uses fictional and nonfictional stories, as well as examples taken from virtual reality, to explore the meaning of leadership. Designed to help students develop a conceptual, practical, and personal understanding of the meaning of leadership. Communication Studies 338 and 367 (Topic: Stories of Leadership) may notboth be counted. Prerequisite: Upper-division standing. Partially taught as a Web-based course.
• 07265 MWF 1000 - 1100 CMB 2.102

CMS 339L SOCL INTERACTNS/VIRTUAL ENVIRS
Additional hour(s) to be arranged. Examines fundamental principles connected to the uses and effects of newtechnologies. Covers social networking sites, online dating, and virtualgroup collaboration. Communication Studies 339L and Communication Studies 367 (Topic: Social Interaction in Virtual Environments) may not both be counted. Prerequisite: Upper-division standing. Partially taught as a Web-based course.
• 07270 MW 100 - 200P CMA 3.124 INMAN, D

CMS 340K COMMUNICATN AND SOCIAL CHANGE
Analysis of how persuasion is used in mass movements: civil rights, consumerism, feminism, pacifism, religious sects. Prerequisite: Upper-division standing.
• 07275 MWF 1100 - 1200 BMC 4.206

CMS 341 DIGITAL COMMUNICATIONS-WB
Hour(s) to be arranged. Uses communication and interdisciplinary perspectives to explore interactions involving technology. May include the study of impression formation, identity, surveillance, privacy, distributed teams, trust and deception, online gaming, social support, and uses and impacts of new information and communication technology. Communication Studies 341 and 367 (Topic: Computer-Mediated Communication) may not both be counted. Prerequisite: Upper-division standing. Taught as a Web-based course.
• 07280 INMAN, D

CMS 342K POLITICAL COMMUNICATION
A study of the role of symbols in political communication and the techniques and strategies employed by politicians; special attention is given to recent election campaigns. Prerequisite: Upper-division standing.
• 07285 M 300 - 600P BUR 224 HARDESTY, S

CMS 344K LYING AND DECEPTION
Examines lying and deception as civil, strategic, and manipulative behavior. Secrets, privacy, disclosures, and confidentiality are examined in a variety of familiar contexts.

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course	unique	days	time	room	instructor

Communication Studies 344K and 367 (Topic: Lying and Deception) may not both be counted. Prerequisite: Upper-division standing.

• 07290	TTH	1230 - 200P	CMA 2.306	MCGLONE, M

CMS 345 MEDIA EFFECTS AND POLITICS

The theoretical models and research methods used to study media effects. Emphasis on the political implications of media-effects research and on how media-effects theories can help clarify political issues. May include television violence, the political impact of the news, and the use of media for educational purposes. Communication Studies 345 and 367 (Topic: Media Effects and Politics) may not both be counted. Prerequisite: Upper-division standing.

• 07295	TTH	930 - 1100	CMA 3.124	STROUD, N

CMS 346 USING COMM TECHNOLOGY AT WORK

Additional hour(s) to be arranged. Examines how communication technologies affect workplace communication. Considers case studies involving the use of social networking, handheld devices, and e-mail by for-profit and nonprofit organizations. Communication Studies 346 and 367 (Topic: Using Communication Technology at Work) may not both be counted. Prerequisite: Upper-division standing. Partially taught as a Web-based course.

• 07300	MW	1200 - 100P	BMC 4.212	INMAN, D

CMS 347K RHETORIC OF POPULAR CULTURE-WB

Hour(s) to be arranged. The ways that film, television, music, fashion, the Internet, and other discourses of popular culture influence public attitudes, perceptions, and social relations. Communication Studies 347K and 367 (Topic: Rhetoric of Popular Culture) may not both be counted. Prerequisite: Upper-division standing. Taught as a Web-based course.

• 07305				BRUMMETT, B

CMS 350C CROWDS, CLOUDS AND COMMUNITY

Additional hour(s) to be arranged. Explores the use of social network theory and analysis to understand theconnectivity and complexity of teams, families, organizations, and communities. Consider examples of network analytic approaches to theorize, visualize, analyze, and understand, for example, criminal networks, professional service firms, government contracting, social media platforms, virtual worlds, interorganizational dynamics, post disaster recovery, and ad hoc organizational forms. Communication Studies 350C and 367 (Topic: Crowds/Clouds/Community) may not both be counted. Prerequisite: Upper-division standing. Partially taught as a Web-based course.

• 07310	MW	1100 - 1200	CMA 3.116	BARBOUR, J

CMS 353C COMMUNICATION FOR INNOVATION

Examines the critical role that communication and communicative processes play in developing innovative ideas, products, and ways of approaching problems. Analyze behavioral theories and empirical studies to understand the challenges associated with facilitating innovation in organizations and learn strategies for improving work effectiveness. Subjects include motivation, decision making, organizational culture, information sharing, and idea generation. Prerequisite: Upper-division standing. Partially taught has a Web-based course.

• 07315	TTH	1100 - 1230P	CMA 3.120	TREEM, J

CMS 353S SOCIAL MEDIA AND ORGS

Additional hour(s) to be arranged. Explores the relationship between social media use and organizational communication. Subjects include how organizations use social media for communication with external stakeholders and to facilitate internal communications processes. Communication Studies 353S and 367 (Topic: Social Media and Organizations) may not both be counted. Prerequisite: Upper-division standing. Partially taught as a Web-based course.

• 07320	MW	1000 - 1100	BMC 4.206	TREEM, J

CMS 355K INTERCULTURAL COMMUNICATION

Theories of speech and language that concern interaction between persons from different cultures who speak different languages or dialects. Prerequisite: Upper-division standing.

• 07325	TTH	1230 - 200P	BMC 1.202	STREECK, J

CMS 359 LANG, CULTURE, COMM OF HIP-HOP

Uses hip-hop music as a model for understanding a speech community. Focuses on language innovation and the creation of new social networks, forms of communication, and cultural meaning and values. Communication Studies 359 and 367 (Topic: Language, Culture, and Communication in the Hip-Hop Nation) may not both be counted. Prerequisite: Upper-division standing.

• 07330	TTH	930 - 1100	CMB 2.102	STREECK, J

CMS 359H HONORS TUTORIAL CRS: READING

Hour(s) to be arranged. Intensive reading and research as planned by the departmental honors committee. Prerequisite: Upper-division standing and admission to the Communication Studies Honors Program.

• 07335				

CMS 164M PREGRAD SCHOOL MENTORSHIP

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Introduction for undergraduates to graduate study in a discipline of their choosing. With consent of the department chair, may be repeated for credit, but nomore than three hours may be taken. Prerequisite: Consent of instructor.

• 07340				DARWIN, T

CMS 264M PREGRAD SCHOOL MENTORSHIP

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Introduction for undergraduates to graduate study in a discipline of their choosing. With consent of the department chair, may be repeated for credit, but nomore than three hours may be taken. Prerequisite: Consent of instructor.

• 07345				DARWIN, T

CMS 364M PREGRAD SCHOOL MENTORSHIP

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Introduction for undergraduates to graduate study in a discipline of their choosing. With consent of the department chair, may be repeated for credit, but nomore than three hours may be taken. Prerequisite: Consent of instructor.

• 07350				DARWIN, T

CMS 366 RHETORIC, LOVE, AND DEMOCRACY

Covers ideas about human symbolism and discourse; focuses on the effects of rhetorical perspectives on how people make meaning of the world. Communication Studies 366 and 367 (Topic: Love, Democracy, and Rhetoric) may not both be counted. Prerequisite: Upper-division standing.

• 07355	TTH	1100 - 1230P	CMB 2.104	GUNN, J

CMS 366C CELEBRITY CULTURE

Examines the importance of fame and celebrity throughout the nineteenth, twentieth, and twenty-first centuries, in relation to education, entertainment, and politics. Communication Studies 366C and 367 (Topic: Celebrity Culture) may not both be counted. Prerequisite: Upper-division standing.

• 07360	TTH	200 - 330P	CMB 2.104	GUNN, J

CMS 367 COMM THEORY AND APPLICATIONS

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.

• 07365	MWF	200 - 300P	CMA 6.152	

RHETORIC AND SPORTS

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.

• 07370	TTH	1230 - 200P	CMA 6.152	BUTTERWORTH, M

CMS 370K INTERNSHIP IN COMM STUDIES-WB

Hour(s) to be arranged. Offered on the pass/fail basis only. Focuses on career goals of students through classroom discussions and places students in communication positions with public and private organizations. Restricted to communication studies majors. Prerequisite: Upper-division standing; twelve semester hours of communication studies with a grade of at least C-; a University grade point average of at least 2.25; a grade point average in communication coursework of at least 2.25; and consent of instructor. Taught as a Web-based course.

• 07375				BALLARD, D

CMS 371D DIFFICULT CONVERSATIONS

Explores the interpersonal, social, and language factors that impact difficult conversations. Communication Studies 367 (Topic: Difficult Conversations) and 371D may not both be counted. Prerequisite: Upper-division standing.

• 07380	TTH	1230 - 200P	BMC 4.206	MAXWELL, M

CMS 371K PRACT IN CONFLICT MEDIATION

Additional hour(s) to be arranged. Provides hand on training and practice in conflict intervention techniques, including various forms of mediation, facilitation and dialogue. Prerequisite: Upper-division standing.

• 07385	W	300 - 500P	CMA 6.170	MAXWELL, M
	M	630 - 930P		

CMS 171M COMMUNICATN STUDIES INTERNSHIP

Hour(s) to be arranged. Offered on the pass/fail basis only. Prerequisite: Communication Studies 370K; consent of departmental internship coordinator; and completion of departmental requirements for enrollment in an internship course.

• 07390				

CMS 373D ADVOCACY AND POLITICS-DC

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. An introduction to the issues faced when advocating for an issue, idea, or one's self. The course aims to have students grasp concepts they willsee and experience during their internship in Washington, DC. Prerequisite: Consent of the department. Restricted to students in the UT in DC Archer Fellowship Program. Taught in Washington, D.C.

• 07395				DALY, J

CMS 377K FACULTY-INITIATED RESEARCH

Hour(s) to be arranged. Supervised research on a project designed by a faculty member. No more than six semester hours in the following courses may be counted: Communication Studies 177K, 377K, 477K, 178K, 278K, 378K, 478K, 578K, 678K. Prerequisite: Upper-division standing, twelve semester hours of coursework in communication studies, a University grade point average of at least 2.50, and consent of instructor and the department.

• 07400				

CMS 378K STUDENT-INITIATED RESEARCH

Hour(s) to be arranged. Supervised independent research on a project initiated, designed, and implemented by the student. Student secures consent of a faculty member willing to supervise the project prior to registering. No more than six semester hours in the following courses may be counted: Communication Studies 177K, 377K, 477K, 178K, 278K, 378K, 478K, 578K, 678K. Prerequisite: Upper-division standing, twelve semester hours of coursework in communication studies, a University grade

April 3, 2018

course	unique	days	time	room	instructor

point average of at least 2.50, and consent of instructor and the department; Communication Studies 177K, 377K, 477K is recommended.
• 07405

CMS 180E CONF CRS IN COMMUNICATION STDS
Hour(s) to be arranged. May be repeated for credit. Readings in the literature of communication studies designed to expand the graduate student's opportunity for individual consultation both in research and in informational aspects of the work. Prerequisite: Graduate standing.
• 07410

CMS 280E CONF CRS IN COMMUNICATION STDS
Hour(s) to be arranged. May be repeated for credit. Readings in the literature of communication studies designed to expand the graduate student's opportunity for individual consultation both in research and in informational aspects of the work. Prerequisite: Graduate standing.
• 07415

CMS 380E CONF CRS IN COMMUNICATION STDS
Hour(s) to be arranged. May be repeated for credit. Readings in the literature of communication studies designed to expand the graduate student's opportunity for individual consultation both in research and in informational aspects of the work. Prerequisite: Graduate standing.
• 07420

CMS 081M INTRO GRAD STDS IN HUMAN COMM
Discussion of communication research, theory, and professional development. Prerequisite: Admission to the graduate program in communication studies.
• 07425 F 300 - 430P BMC 4.206 BALLARD, D

CMS 386K 1-INTERPERSONAL COMM THEORY
Course number may be repeated for credit when the topics vary. Exploration of theoretical perspectives such as general systems theory; symbolic interactionism; rules theory; theories of language and nonverbal coding; theories of meaning; theories of information processing; and theories of persuasion. Theories pertinent to interpersonal, group, and mass interaction. Prerequisite: Graduate standing. Some sections also require consent of instructor or the graduate adviser; these are identified in the Course Schedule.
• 07430 M 330 - 630P CMA 7.120 MCGLONE, M

CMS 386N 1-QUANTITATIVE RESEARCH METHS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Broad coverage of social scientific techniques for collecting and analyzing communication data; includes measurement, design, and other areas. Some sections focus on organizational research. Prerequisite: Graduate standing.
• 07435 T 330 - 630P CMA 7.120 VANGELISTI, A

CMS 386P 10-STRESS AND COPING
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Exploration of how people interact with each other and with their environments during times of change and stress, including the emotions, cognitions, and behaviors that occur when people talk about upsetting or traumatic events and circumstances. Communication Studies 386P (Topic: Stress & Coping) and 386P (Topic 10) may not both be counted. Prerequisite: Graduate standing. Some sections also require consent of instructor or the graduate adviser.
• 07440 TH 330 - 630P CMA 7.120 DONOVAN, E

CMS 388C DOCTORAL COMPS EXAM PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Research and reading in preparation for doctoral comprehensive examinations in communication studies. Restricted enrollment; contact the department for permission to register. Prerequisite: Graduate standing.
• 07445

CMS 688C DOCTORAL COMPS EXAM PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Research and reading in preparation for doctoral comprehensive examinations in communication studies. Restricted enrollment; contact the department for permission to register. Prerequisite: Graduate standing.
• 07450

CMS 988C DOCTORAL COMPS EXAM PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Research and reading in preparation for doctoral comprehensive examinations in communication studies. Restricted enrollment; contact the department for permission to register. Prerequisite: Graduate standing.
• 07455

CMS 390N 5-POLIT, MEDIA, THE INDIVIDUAL
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Current research and theory in the area of media and politics with particular emphasis on individual-level effects. Prerequisite: Graduate standing.
• 07460 W 330 - 630P CMA 7.120 STROUD, N

CMS 390P 5-FOUNDS OF RHETORICAL THEORY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Examines historical writings about rhetoric in the Western tradition, up through the Enlightenment. Covers various important figures in the history of rhetoric, including Plato, the sophists, Aristotle, Cicero, Quintilian, Augustine, Christine de Pizan, Vico, and Ramus. Prerequisite: Graduate standing.
• 07465 TH 330 - 630P CMA 6.146 STROUD, S

CMS 390T 2-ORGANIZATIONAL COMM: MACRO
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. An introduction to selected macro-level or systemic variables in organizations, such as structure, technology, and environments, and to the ways these variables relate to organizational communication processes. Prerequisite: Graduate standing; some topics may require consent of instructor or the graduate adviser.
• 07470 W 330 - 630P CMA 6.152 BARBOUR, J

CMS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in communication studies and consent of the graduate adviser; for 698B, Communication Studies 698A.
• 07475

CMS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in communication studies and consent of the graduate adviser; for 698B, Communication Studies 698A.
• 07480

CMS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in communication studies and consent of the graduate adviser.
• 07485

CMS 398T SUPERVISED TEACHING COMM STDS
Offered on the letter-grade basis only. Teaching communication studies under supervision. Prerequisite: Graduate standing.
• 07490 M 630 - 930P CMA 7.120 INMAN, D

CMS 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07495

CMS 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07500

CMS 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07505

CMS 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Communication Studies 399R, 699R, or 999R.
• 07510

CMS 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Communication Studies 399R, 699R, or 999R.
• 07515

CMS 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Communication Studies 399R, 699R, or 999R.
• 07520

SCHOOL OF JOURNALISM

Journalism - J

J 301F FUNDMNTL ISSUES IN JOURNALISM
Examination of major issues facing the news media in a democratic society and the exploration of digital technology on the future of news gathering, including ethics, institutions, effects, and standards of journalistic performance.
• 07575 TTH 330 - 500P BMC 2.106 DAHLBY, T

J 302F DIGITAL STORYTELLING BASICS
Designed to accommodate 100 or more students. Additional hour(s) to be arranged. Explores the mindsets and skill sets of digital journalism. Covers subjects like: how technology helps journalists do their jobs; how traditional journalistic values and ethics relate to the digital world; how to explore new trends in journalism; how to report and tell stories in multiple ways; and how to be comfortable with analyzing and engaging online audiences.
• 07580 TTH 1100 - 1230P BMC 1.202 QUIGLEY, R
T 200 - 330P CMA 4.152
• 07585 TTH 1100 - 1230P BMC 1.202 QUIGLEY, R
TH 200 - 330P CMA 4.152
• 07590 TTH 1100 - 1230P BMC 1.202 QUIGLEY, R
M 1200 - 130P CMA 4.152
• 07595 TTH 1100 - 1230P BMC 1.202 QUIGLEY, R
W 1200 - 130P CMA 4.152
• 07600 TTH 1100 - 1230P BMC 1.202 QUIGLEY, R
M 130 - 300P CMA 4.152
• 07605 TTH 1100 - 1230P BMC 1.202 QUIGLEY, R
W 130 - 300P CMA 4.152

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course	unique	days	time	room	instructor

J 308D DATA, PRIVACY, AND YOU

Explores approaches to understanding what some have termed 'datafication'. Covers literacy of these types of data as well as the ways in which these data are transmitted, stored, compiled, aggregated, analyzed, and used in predictive analytics. Examines privacy aspects in terms of the increased blurring between the private and public in spacessuch as social media and explores the implication of this on news production and consumption. Restricted to non-journalism majors. Partially taught as a Web-based course.

• 07610	TTH	930 - 1100	BMC 4.206	MURTHY, D
	M	200 - 300P	BMC 4.212	
• 07615	TTH	930 - 1100	BMC 4.206	MURTHY, D
	W	200 - 300P	BMC 4.212	

J 308J BECOMING CITIZEN JRNLSTS

Covers the basics of journalism for students who are interested in sharing truthful stories to a public audience, but do not intend to pursue a career in the profession. Uses digital and social media tools. Explores three subjects: how to find and gather the best factual information, how to present it in clear and engaging ways, and how to make ethical decisions that serve the needs of the audience and democracy. Journalism 308J or 358C may not both be counted. Restricted to non-journalism majors. Partially taught as a Web-based course.

• 07620	TTH	930 - 1100	BMC 3.206	BOCK, M

J 310F REPORTING: WORDS

Reporting, writing, and editing skills for print, online, mobile, and broadcast. Prerequisite: Journalism 301F and 302F with a grade of at least C- in each.

• 07625	TTH	930 - 1100	BMC 1.202	MCELROY, K
	TTH	1100 - 1230P	BMC 3.210	
• 07630	TTH	930 - 1100	BMC 1.202	MCELROY, K
	TTH	1100 - 1230P	CMA 4.146	
• 07635	TTH	930 - 1100	BMC 1.202	MCELROY, K
	MW	1200 - 130P	BMC 3.208	
• 07640	TTH	930 - 1100	BMC 1.202	MCELROY, K
	TTH	1230 - 200P	BMC 3.210	
• 07645	TTH	930 - 1100	BMC 1.202	MCELROY, K
	MW	130 - 300P	BMC 3.208	

J 311F REPORTING: IMAGES

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Video and images for web and broadcast, including design principles, visual perception, typography, manipulation of images, and photographs. Journalism 311F and 318C may not both be counted. Prerequisite: Journalism 301F and 302F with a grade of at least C- in each. Partially taught as a Web-based course.

• 07650	T	1100 - 1230P	CMB 2.102	DAWSON, K
	F	900 - 1200	CMA 4.150	
• 07655	T	1100 - 1230P	CMB 2.102	DAWSON, K
	TTH	930 - 1100	BMC 3.210	
• 07660	T	1100 - 1230P	CMB 2.102	DAWSON, K
	MW	1030 - 1200	BMC 3.210	
• 07665	T	1100 - 1230P	CMB 2.102	DAWSON, K
	F	1200 - 300P	CMA 4.150	

J 317 JOURNALISM PRACTICES

Introduction to writing skills for the media, including readability, clarity, verification, and style. Restricted to public relations majors. Prerequisite: Advertising 318J with a grade of at least B.

• 07670	TTH	500 - 630P	BMC 1.202	SMITH, E
	T	330 - 500P	CMA 6.170	
• 07675	TTH	500 - 630P	BMC 1.202	SMITH, E
	T	330 - 500P	CMA 6.174	
• 07680	TTH	500 - 630P	BMC 1.202	SMITH, E
	TH	330 - 500P	CMA 6.170	
• 07685	TTH	500 - 630P	BMC 1.202	SMITH, E
	TH	330 - 500P	CMA 6.174	
• 07690	TTH	500 - 630P	BMC 1.202	SMITH, E
	W	930 - 1100	CMA 6.170	

J 321F REPORTING ON CITY/COUNTY GOVMT

Designed to accommodate 35 or fewer students. Basic beat reporting skills to navigate city and county governments, and conducting reporting, research, and writing on issues and people at the local level. Restricted to journalism majors. Prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each.

• 07695	TTH	930 - 1100	BMC 3.208	WARBELOW, K

J 322J REPORTING SOCIAL JUSTICE

Explore how to cover such social justice issues as poverty, inequality and disenfranchisement and the skills needed to research, report and write on people in underrepresented communities. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each.

• 07700	MW	300 - 430P	CMA 4.146	SMITH, E

J 324F BUSINESS & FINANCIAL REPORTING

Instruction in how to conceptualize, source, and prepare news reports onglobal financial markets, commercial transactions, and company performance. The course is global, with the United States a subset of the material covered. Hands-on course during which students produce multiple news packages for publication. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each.

• 07705	TTH	330 - 500P	CMA 4.150	

J 326C INTRO CODING FOR JOURNALISTS

Designed to accommodate 35 or fewer students. The basics of coding for journalism. Learn necessary coding skills to perform in digital newsrooms, from simple things like interactive news graphics to more sophisticated tools like machine learning. Journalism 326C and 339T (Topic: Introduction to Coding for Journalists)may not both be counted. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each. meets with J 395 (TOPIC 65).

• 07710	TTH	330 - 500P	BMC 3.208	MCDONALD, C

J 326F REPORTING SPORTS

Contemporary professional skills and techniques in sports journalism. Restricted to journalism majors. Prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each.

• 07715	TTH	930 - 1100	CMA 4.150	ROBBINS, K

J 327D REPORTING WITH DATA

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. An investigation of the basics of computer-assisted reporting. Subjects include finding compelling data sets; cleaning and analyzing the contents; using data visualization and simple statistical models to accurately report based on the data; and presenting results online through stories, charts and maps. Journalism 327D and 333F may not both be counted. Restricted to journalism majors. Prerequisite: Upper-division standing and Journalism 310F (or 320D) witha grade of at least B- . meets with J 395 (TOPIC 62).

• 07720	TTH	1100 - 1230P	CMA 4.152	MCDONALD, C

REPORTING WITH DATA

Offered on the letter-grade basis only. An investigation of the basics of computer-assisted reporting. Subjects include finding compelling data sets; cleaning and analyzing the contents; using data visualization and simple statistical models to accurately report based on the data; and presenting results online through stories, charts and maps. Journalism 327D and 333F may not both be counted. Restricted to journalism majors. Prerequisite: Upper-division standing and Journalism 310F (or 320D) witha grade of at least B- . meets with J 395 (TOPIC 62).

• 07725	TTH	200 - 330P	BMC 3.208	MCDONALD, C

J 328D ADV REPORTING WITH DATA

Advanced data-assisted reporting, with sophisticated use of data sets and visualization to present news and information. Restricted to journalism majors. Prerequisite: Journalism 327D (or 333F) with a grade of at least B-.

• 07730	TTH	330 - 500P	BMC 3.208	THOREN, T

J 328S REPORTING EN ESPANOL

Spanish-language news in the U.S. offers important possibilities for public service journalism. Production of multimedia news stories in Spanish for a local audience. Discusses issues facing the local Latino population from the international, to national, to state and local levels. Includes weekly pitch meetings, rewrites, photography and digital storytelling. Students must be fluent in Spanish. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each.

• 07735	MW	900 - 1030	CMA 4.152	RIVAS-RODRIGUEZ, M

J 330C TELEVISION REPORTING

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Basic television newsgathering skills, including shooting and editing videotape, planning and executing visual storytelling, and writing news packages. Students assist in a weekly news broadcast. Journalism 330C and 330F may not both be counted. Restricted to journalism majors. Prerequisite: Upper-division standing; Journalism 310F and 311F with a grade of at least B- in each; and Journalism 318P or 331G (or 322D) witha grade of at least C-.

• 07740	T	1230 - 200P	CMA 4.146	DAWSON, K
	TH	200 - 500P	CMA 4.146	

J 331 WEB PUBLISHING

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Advanced skills in web design and in publishing multimedia content. Emphasis on collaborative work in creating an ongoing web information product. Prerequisite: Journalism 310F and 311F with grade of at least B- in each.

• 07745	TTH	1230 - 200P	CMA 4.150	CHYI, H

J 331D INTERMEDIATE PHOTO COMM

Designed to accommodate 35 or fewer students. Intermediate level photograph skills and techniques. Evaluation of recent trends, visual design, and use of images in the media. Students must provide their own digital 35-mm format camera. Prerequisite: Communication 316 with a grade of at least C-.

• 07750	MW	300 - 430P	BMC 4.212	DE CESARE, D
	M	430 - 600P	BMC 3.210	
• 07755	MW	300 - 430P	BMC 4.212	DE CESARE, D
	W	430 - 600P	BMC 3.210	

J 331G AUDIO STORYTELLING

Examination and practice of writing news for podcast. Only one of the following may be counted: Journalism 318P, 322D, 331G. Prerequisite: Journalism 310F with a grade of at least B- in each.

• 07760	MW	900 - 1030	CMA 4.150	WILSON, K
	M	300 - 600P	CMA 4.150	

AUDIO STORYTELLING

Designed to accommodate 35 or fewer students. Examination and practice of writing news for podcast. Only one of the following may be counted: Journalism 318P, 322D, 331G. Prerequisite: Journalism 310F with a grade of at least B- in each.

• 07765	MW	1030 - 1200	CMA 4.150	RIVAS-RODRIGUEZ, M
	W	300 - 600P	CMA 4.150	

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course unique days time room instructor

J 331M MEDIA INNOV/ENTRPRENEURSHIP
Designed to accommodate 35 or fewer students. Learn how the digital revolution has disrupted the media industry, creating opportunities for entrepreneurial, innovative initiatives. Study cases of successful media startups, and develop a startup project, using digital technologies and human-centered design. Only one of the following may be counted: Journalism 331F, 331M, or 359T(Topic: Entrepreneurial Journalism). Prerequisite: For journalism majors, Journalism 310F with a grade of at least B-; for others, six semester hours of upper-division coursework. meets with J 395 (TOPIC 66).
• 07770 MW 1200 - 130P CMA 4.146 ALVES, R

J 333J PHOTOGRPHY FOR REPORTNG TEXAS
Additional hour(s) to be arranged. Students work as photographers for the School of Journalism's Reporting Texas Web site. Only one of the following may be counted: Journalism 333J, 359T (Topic: Photography for Reporting Texas), or 363V. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each; Communication 316 with a grade of at least C. meets with J 395.
• 07775 MWF 900 - 1000 BMC 3.210 REED, E

J 334G ADV VISUAL JOURNALISM: VIDEO
Explores intensive video reportage and documentation using the camera asa tool of investigation and interaction. Emphasis on creation of video news and feature stories. Only one of the following may be counted: Journalism 334G, 370K, 371K. Prerequisite: Communication 316 with a grade of at least C; and Journalism 310F and 311F with a grade of at least B- in each.
• 07780 TTH 930 - 1100 CMA 4.146 DE CESARE, D

J 335F MAGAZINE WRITING/PRODUCTION
Additional hour(s) to be arranged. Instruction in and supervised practice of magazine reporting and production. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each.
• 07785 TTH 1100 - 1230P CMA 4.150

J 335G ADV TV REPORTING AND PRODUCING
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Advanced writing and reporting skills for the collaborative production of television news programs on deadline. Students assist in producing a television news program. Journalism 363C and 335G may not both be counted. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each, and credit or registration for Journalism 330C (or 330F) with a grade of at least C-.
• 07790 TH 1230 - 200P CMA 4.146 WEST, K
TH 200 - 500P CMB 4.128

J 335J MOBILE PROG FOR JOUR
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Coding and other skills in preparation for designing mobile news apps. Journalism 335J and 339T (Topic: Introduction to Mobile Programming for Journalists) may not both be counted. Restricted to journalism majors. Prerequisite: Journalism 310F with a grade of at least B-. meets with J 395.
• 07795 T 500 - 800P BMC 3.208 LINWOOD, J

J 336D GRAPHIC DES PRT/ONLINE
Additional hour(s) to be arranged. Overview, design, and production of materials for online and print storytelling. Subjects include design principles, visual perception, typography, manipulation of images and photographs, and page design for media platforms. Journalism 303F and 336D may not both be counted. Prerequisite: Journalism 310F or Communication 316 with a grade of at least B-
• 07800 TTH 200 - 330P CMA 4.150 QUARTERMAN, C

J 336F SOCIAL MEDIA JOURNALISM-WB
Hour(s) to be arranged. The role of journalism in emerging digital social networks, examining current and traditional theories about social media as a form of journalism. Practice in the use of live chatting, tagging, geotagging, wikis, Twitter, Flickr, and digital avatars as news-gathering techniques. Journalism 336F and 349T (Topic: Social Media Journalism) may not both be counted. Taught as a Web-based course. meets with J 395.
• 07805 CHEN, G

J 336J LIFESTYLE JOURNALISM
Offered on the letter-grade basis only. Specialized reporting and writing in lifestyle coverage, including food,fashion, entertainment and travel. Journalism 336J and 349T (Topic: Lifestyle Journalism) may not both be counted. Prerequisite: Journalism 310F with a grade of at least B-.
• 07810 TTH 200 - 330P CMA 4.144 COLEMAN, R

J 336M MUSIC JOURNALISM
Reporting, reviewing and writing about all aspects of the music industry, from start-up record labels to established companies, to independent artists and major musicians. Uses new digital tools to gather content and explore how the industry, and covering it, has changed. Only one of the following may be counted: Journalism 336M, 339T (Topic: Music into Words), or 339T (Topic 2). Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each.
• 07815 TTH 930 - 1100 CMA 4.152

J 337J WRIT FOR ONLINE NEWS AUD
Students will learn how to write informatively and effectively for online audiences, and how to repurpose traditional print journalism for online publication. Journalism 337J and 349T (Topic 22) may not both be counted. Prerequisite: Journalism 310F with a grade of at least B-.
• 07820 TTH 930 - 1100 BMC 3.208 QUIGLEY, R

J 340J DOCUMENTARY TRADIT OF LAT AMER
Contemporary social, professional, and intellectual concerns with the practice of journalism. Study of still photographic and video documentary work by Latin Americans about Latin America. Production of photographic essays on Latin American culture. Journalism 340J and 349T (Topic: Documentary Tradition in Latin America)may not both be counted. Prerequisite: Journalism 310F or Communication 316 with a grade of at least B- meets with LAS 322, J 395 (TOPIC 4), LAS 381 (TOPIC 22).
• 07825 T 330 - 630P CMA 4.146 DE CESARE, D

J 341F UNDRSTNDNG AFR AMERS/THE MEDIA
Designed to accommodate 35 or fewer students. Documentaries, readings, discussions, projects, and theories facilitate the examination of the relationship between African American history andcontemporary American society. Media representations of African Americans are evaluated and news coverage of African Americans is explored in depth. Prerequisite: Upper-division standing.
• 07830 TTH 1100 - 1230P CMA 6.170 POINDEXTER, P

J 342G RPT WORLD: CRT EXM US NEWS MED
Dynamic ways of looking at, thinking about, and reporting the world, both abroad and at home. Establishes a framework for analyzing how the news media cover key events, issues, and processes that shape our lives in a global society. Prerequisite: Journalism 310F with a grade of at least B-. meets with J 395 (TOPIC 41).
• 07835 TTH 1230 - 200P CMA 4.152 DAHLBY, T

J 343F JOURNALISM AND RELIGION
Designed to accommodate 35 or fewer students. Critical examination of how religion traditionally has been covered in the United States, and guidelines for developing individual thinking andreporting on religious issues. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each. meets with J 395 (TOPIC 57).
• 07840 MW 1030 - 1200 CMA 3.124 DELAO, E

J 346G DOMESTIC ISSUES & GLOBAL PERSP
Examining domestic issues (consumerism, food/heath, environmentalism, energy consumption) from global and intercultural perspectives. Proper positioning of the United States helps journalists and news consumers think outside the box.
• 07845 T 330 - 630P BMC 4.204 CHYI, H

J 347F REPORTING LATIN AMERICA
Designed to accommodate 35 or fewer students. Foreign reporting and international news production processes, with special emphasis on Latin America. Prerequisite: Journalism 310F with a grade of at least B-. meets with J 395 (TOPIC 38), LAS 322.
• 07850 MW 900 - 1030 CMA 4.146 ALVES, R

J 348D GENDER & THE NEWS
Designed to accommodate 35 or fewer students. Historical and contemporary exploration of gender and the news. Examination of the role of marginalized gender groups in producing news and the construction of gender within news texts. Only one of the following may be counted: Journalism 348D, Women's and Gender Studies 324 (Topic 4), 345 (Topic: Women and the News). Prerequisite: For journalism majors, Journalism 310F with a grade of at least B-; for others, six semester hours of upper-division coursework inwomen's and gender studies. same as WGS 324 (TOPIC 4). also meets with J 395 (TOPIC 46), WGS 393.
• 07855 TTH 1100 - 1230P CMA 3.116 MCELROY, K

J 348G THE BUSINESS OF SPORTS MEDIA
Examination of the business of sports-related media, including over-the-air television, cable, satellite television, print, radio, social media, and internet-based media, and the impact of such media on sports presentation and development, professional franchises, colleges, and conferences. Emphasis on how the business of sports media generates revenue and content, and the business models for each type of media, the challenges to such models, and the likely future changes to them. Only one of the following may be counted: Advertising 348S, 378 (Topic: The Business of Sports Media), Communication 325 (Topic: The Business ofSports Media), Journalism 348G, 349T (Topic: The Business of Sports Media), Public Relations 348S, 378 (Topic: The Business of Sports Media). same as ADV 348S, P R 348S.
• 07860 TH 400 - 700P BUR 116 CRAMER, M

J 349E ELECTIONS, VOTERS, AND NEWS
Explores U.S. election history, dimensions of and influencers in U.S. elections, news coverage of candidates and issues, and voters and their attitudes toward candidates and issues as well as their engagement with election news. Journalism 349E and 349T (Topic: Elections/Voters/News) may not both be counted. Prerequisite: Upper-division standing. meets with J 395.
• 07865 TTH 200 - 330P CMA 6.170 POINDEXTER, P

J 350F MEDIA LAW
Examination of legal rights and restrictions for online and print journalism, including Constitutional guarantees, libel, invasion of privacy, and contempt of court. Required for all journalism majors. meets with J 395 (TOPIC 24).
• 07870 TTH 800 - 930 BMC 1.202 DONALDSON, D

J 352F ETHICS IN JOURNALISM
In-depth examination of the ethical choices individual journalists face and the ethical implications of how news media operate in a larger social and political framework. Prerequisite: Journalism 310F or Communication 316 with a grade of at least B-. meets with J 395.
• 07875 MWF 1100 - 1200 BMC 3.204

J 355F LIVING IN THE INFO AGE
Designed to accommodate 35 or fewer students. Examines communication and information technologies with particular emphasis on the Internet and its components. Explores how digital and mobile technologies are used by the Millennial Generation and with what effects. Only one of the following may be counted: Journalism 355F, 359T (Topic: Living in the Information Age), 359T (Topic 8). meets with J 395 (TOPIC 47).
• 07880 TTH 1100 - 1230P BMC 3.206 JOHNSON, T

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course | unique | days | time | room | instructor

J 358P POP CULTURE/THE PRESS
Explores the relationship between American popular culture and the press, its role in our everyday lives, and how it helps shape our attitudes and identities. Explores popular culture in television, film, magazines, the Internet, social media, and advertising. Subjects includemovies, music, film, fashion, food, travel, celebrity and society news, among others.
• 07884 TTH 1230 - 200P CMA 3.116 COLEMAN, R

J 359S MEDIA MANAGEMENT
Course number may be repeated for credit when the topics vary. meets with J 395.
• 07885 TTH 330 - 500P BMC 4.212

J 360F INTERNSHIP
Hour(s) to be arranged. Offered on the pass/fail basis only. Internships to be arranged by student and approved by instructor. Restricted to journalism majors. Prerequisite: Journalism 310F and 311F with a grade of at least B- in each. Partially taught as a Web-based course.
• 07890 WILSON, K
• 07895 MCELROY, K

J 160G JOURNALISM PRACTICUM
Hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit, but only one hour may be counted toward the Bachelor of Journalism degree. Restricted to journalism majors. Prerequisite: Communication 350 or Journalism 360F. Partially taught as a Web-based course.
• 07900

J 361F REPORTING TEXAS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Students work as online reporters, photographers, and editors for the School of Journalism's Reporting Texas website. Journalism 359T (Topic: Reporting Texas) and 361F may not both be counted. Restricted to journalism majors. Prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each; six additional semester hours of upper-division coursework in journalism with a grade of at least B; and consent of instructor.
• 07905 TTH 1230 - 200P BMC 3.208 ROBBINS, K

J 362F JOURNALISM PORTFOLIO
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. A synthesis experience to polish journalism skills, showcase reporting and production abilities across multiple journalistic platforms, and complete a professional online portfolio. Restricted to journalism majors. Prerequisite: Senior standing; Journalism 310F and 311F with a grade of at least B- in each; and six semester hours of upper-division courseworkin journalism with a grade of at least B-.
• 07910 MW 1030 - 1200 CMA 4.152 REED, E
• 07915 TTH 930 - 1100 CMA 4.146 WEST, K
• 07920 MW 300 - 430P BMC 3.208

J 363D DIGITAL INNOVS CAPSTONE
Development of cutting-edge media products. Working in groups or individually; conceive, pitch, plan, design, and create projects under the guidance of a professor, graduate students, and professional mentors. Prerequisite: Upper-division standing; and Journalism 310F and 311F witha grade of at least B- in each.
• 07925 W 600 - 900P BMC 3.208 QUIGLEY, R

J 178P SPEC PROJECTS IN JOUR
Hour(s) to be arranged. May be repeated for credit. Supervised projects in the field of journalism. Restricted to journalism majors. Prerequisite: Upper-division standing, and consent of instructor.
• 07930

J 278P SPEC PROJECTS IN JOUR
Hour(s) to be arranged. May be repeated for credit. Supervised projects in the field of journalism. Restricted to journalism majors. Prerequisite: Upper-division standing, and consent of instructor.
• 07935

J 378P SPEC PROJECTS IN JOUR
Hour(s) to be arranged. May be repeated for credit. Supervised projects in the field of journalism. Restricted to journalism majors. Prerequisite: Upper-division standing, and consent of instructor.
• 07940

J 379 JOURNALISM INDEPENDENT STUDY
Hour(s) to be arranged. May be repeated for credit. Designed to give students the opportunity to pursue special studies for which separate courses have not been organized. Restricted to journalism majors. Prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each, and consent of the director of the school.
• 07945

J 380 INTRO TO RESEARCH METHODS
Research methods and ethics, from design to data analysis and report writing. Prerequisite: Graduate standing, and admission to the journalism master's program in research and theory or to the journalism doctoral program.
• 07950 TTH 1100 - 1230P CMA 6.172 CHEN, G

J 380V VISUAL JOURNALISM
Basics of aesthetics, visual design, photography, Web publishing, and videography. Required of first-year students in the journalism master's program professional track. Prerequisite: Graduate standing.
• 07955 M 1200 - 300P CMA 4.150 REED, E
W 1200 - 300P CMA 4.150

J 380W WRITING AND REPORTING
Required of all first-year students in the Master of Arts in journalism program, professional track. Prerequisite: Graduate standing.
• 07960 MW 900 - 1030 BMC 3.208 SAVAGE, J
F 1200 - 300P BMC 3.208

J 381 4-QUALITATIVE METHODS
Course number may be repeated for credit when the topics vary. Research techniques for investigating the control, content, audience, and effects of mass media. One topic is required of all candidates for the Master of Arts degree with a major in journalism. Graduate standing.
• 07965 TTH 1230 - 200P CMA 3.130 BOCK, M

J 384 MASS COMMUNICATION THEORY
Study of the processes and effects of mass communication. Prerequisite: Graduate standing, and admission to the journalism master's program in research and theory or the journalism doctoral program.
• 07970 TTH 200 - 330P CMA 3.130 JOHNSON, T

J 289 PROBLEMS IN SPECIALIZED FIELDS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Research project chosen from area of student's major interests; written report required. Prerequisite: Graduate standing.
• 07975

J 389 PROBLEMS IN SPECIALIZED FIELDS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Research project chosen from area of student's major interests; written report required. Prerequisite: Graduate standing.
• 07980

J 489 PROBLEMS IN SPECIALIZED FIELDS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Research project chosen from area of student's major interests; written report required. Prerequisite: Graduate standing.
• 07985

J 389E PROFESNL EXPERIENCE IN JRNLSM
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised internship experience in a professional journalism setting. Prerequisite: Graduate standing.
• 07990

J 395 ELECTIONS/VOTERS/NEWS
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 349E.
• 07995 TTH 200 - 330P CMA 6.170 POINDEXTER, P

INTRO MOBILE PROGR JOURNALISTS
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 335J.
• 08000 T 500 - 800P BMC 3.208 LINWOOD, J

MEDIA ETHICS
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 352F.
• 08005 MWF 1100 - 1200 BMC 3.204

MEDIA MANAGEMENT
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 359S.
• 08010 TTH 330 - 500P BMC 4.212

PHTGRPHY FOR REPORTING TEXAS
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 333J.
• 08015 MWF 900 - 1000 BMC 3.210 REED, E

SOCIAL MEDIA JOURNALISM-WB
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Taught as a Web-based course. meets with J 336F.
• 08020 CHEN, G

SOCIAL MEDIA RSRCH METHODS
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 08025 W 300 - 600P CMA 3.130 MURTHY, D

4-DOCUMENTARY TRAD IN LAT AM
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Study of still photographic and video documentary work by Latin Americans about Latin America. Production of photographic essays on Latin American culture. Journalism 395 (Topic 4) and Latin American Studies 381 (Topic 22) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. same as LAS 381 (TOPIC 22). also meets with J 340J, LAS 322.
• 08030 T 330 - 630P CMA 4.146 DE CESARE, D

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16-PROSEMINAR IN JOURNALISM
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Introduces doctoral students to major areas of research and selected researchers in journalism. Designed to help students cultivate scholarly skills, ethical norms, awareness of funding possibilities, and teaching skills. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 08035 W 1200 - 300P CMA 6.146 REESE, S

24-MEDIA LAW
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Examination of legal rights and restrictions for online and print journalism, including Constitutional guarantees, libel, invasion of privacy, and contempt of court. Only one of the following may be counted: Journalism 395 (Topic: Media Law), 395 (Topic: Media Law and Freedom of Expression), 395 (Topic 24). Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 350F.
• 08040 TTH 800 - 930 BMC 1.202 DONALDSON, D

38-REPORTING LATIN AMERICA
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Foreign reporting skills and international news production processes, with special emphasis on Latin America. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 347F, LAS 322.
• 08045 MW 900 - 1030 CMA 4.146 ALVES, R

41-RPT WORLD:CRT EX US NEWS MD
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Examination of dynamic ways of looking at, thinking about, and reporting the world, both abroad and at home. Establishes a framework for analyzing how the news media cover key events, issues, and processes that shape our lives in a global society. Journalism 395 (Topic: Reporting the World) and 395 (Topic 40) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 342G.
• 08050 TTH 1230 - 200P CMA 4.152 DAHLBY, T

44-REPORTING TEXAS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Students work as online reporters, photographers, and editors for the School of Journalism's Reporting Texas Web site. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 08055 TTH 1100 - 1230P BMC 3.208 MCELROY, K
F 900 - 1200 BMC 3.208

46-GENDER AND THE NEWS
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Explores how gender relates to news, both historically and currently, and the role of the news media in reinforcing and/or challenging prevailing stereotypes and attitudes about gender. Focuses on women both as producers of journalism and as subjects of media portrayals. Journalism 395 (Topic: Gender and the News) and 395 (Topic 46) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with WGS 324 (TOPIC 4), J 348D, WGS 393.
• 08060 TTH 1100 - 1230P CMA 3.116 BOCK, M

47-LIVING IN THE INFO AGE
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Examines communication and information technologies, and how individuals, media organizations and corporations employ the Internet for their benefit. Explores how the communication and information technologies evolve and the cultural, economic, political, and social implications of such technologies for society. Journalism 395 (Topic: Living in the Information Age) and 395 (Topic 47) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 355F.
• 08065 TTH 1100 - 1230P BMC 3.206 JOHNSON, T

57-JOURNALISM AND RELIGION
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Explores some of the world's belief systems, including Judaism, Christianity, Islam, Baha'i, Hinduism, Buddhism, and atheism. Journalism 395 (Topic: Journalism and Religion) and 395 (Topic 57) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 343F.
• 08070 MW 1030 - 1200 CMA 3.124 DELAO, E

62-REPORTING WITH DATA
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Examines how to find compelling data sets, clean and analyze the contents, and then present that result through a variety of methods, including online interactive charts and maps. Only one of the following may be counted: Journalism 395 (Topic: Data Visualization), 395 (Topic 45), or 395 (Topic 62). Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 327D.
• 08075 TTH 1100 - 1230P CMA 4.152 MCDONALD, C
• 08080 TTH 200 - 330P BMC 3.208 MCDONALD, C

65-INTRO CODING JOURNALISTS
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. The basics of coding for journalism. Learn necessary coding skills to perform in digital newsrooms, from simple things like interactive news graphics to more sophisticated tools like machine learning. Journalism 395 (Topic: Introduction to Coding for Journalists) and 395 (Topic 65) may not be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Partially taught as a Web-based course. meets with J 326C.
• 08085 TTH 330 - 500P BMC 3.208

66-MEDIA INNOV/ENTREPRNRSHIP
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Learn how the digital revolution has disrupted the media industry, creating opportunities for entrepreneurial, innovative initiatives. Study cases of successful media startups, and develop a startup project,using digital technologies and human-centered design. Journalism 395 (Topic: Entrepreneurial Journalism) and 395 (Topic 66) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 331M.
• 08090 MW 1200 - 130P CMA 4.146 ALVES, R

J 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in journalism and consent of the graduate adviser; for 698B, Journalism 698A.
• 08095

J 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in journalism and consent of the graduate adviser; for 698B, Journalism 698A.
• 08100

J 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in journalism and consent of the graduate adviser.
• 08105

J 398T SUPERVISED TEACHING IN JOURN
Offered on the letter-grade basis only. Teaching under the close supervision of the course instructor; weekly group meetings with the instructor, individual consultations, and reports required throughout the teaching period. Prerequisite: Graduate standing, appointment as a teaching assistant, and consent of the graduate adviser. meets with RTF 398T.
• 08110 W 900 - 1200 CMA 3.108 BERG, C

J 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser received prior to registering.
• 08115

J 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser received prior to registering.
• 08120

J 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser received prior to registering.
• 08125

J 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Journalism 399R, 699R, or 999R, and written consent of thegraduate adviser received prior to registering.
• 08130

J 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Journalism 399R, 699R, or 999R, and written consent of thegraduate adviser received prior to registering.
• 08135

J 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Journalism 399R, 699R, or 999R, and written consent of thegraduate adviser received prior to registering.
• 08140

DEPARTMENT OF RADIO-TELEVISION-FILM

Radio-Television-Film - RTF

RTF 301N ASIAN AMERICAN FILM HISTORY
Course number may be repeated for credit when the topics vary. Restricted to non-radio-television-film majors only. meets with AAS 310 (TOPIC 6), AMS 315 (TOPIC 7).
• 08195 TTH 1100 - 1230P CLA 1.102 NAULT, C

EXPLORING CHILDREN'S MEDIA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Restricted to non-radio-television-film majors only.
• 08200 TTH 1100 - 1230P BMC 4.206 TYNER, K

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course	unique	days	time	room	instructor

GLOBAL BOLLYWOOD
Course number may be repeated for credit when the topics vary. Restricted to non-radio-television-film majors only.

• 08205	MW	500 - 630P	CMB 2.104	
	M	730 - 1000P	CMB 2.102	

RTF 303C INTRO MEDIA/ENT INDUSTRIES-WB
Introduction to Media and Entertainment Industries provides a foundational social science understanding of media and entertainment industries. Drawing on insights from media studies, management, and sociology, uses social science theories, methods, and practices to examine social, political, and economic forces that shape and are shapedby media production, distribution, and monetization. Taught as a Web-based course.

• 08210				CHEN, W

INTRO TO MEDIA/ENT INDUSTRIES
Introduction to Media and Entertainment Industries provides a foundational social science understanding of media and entertainment industries. Drawing on insights from media studies, management, and sociology, uses social science theories, methods, and practices to examine social, political, and economic forces that shape and are shapedby media production, distribution, and monetization.

• 08215	MWF	100 - 200P	BMC 1.202	CHEN, W

RTF 306 INTRO TO WORLD CINEMA HISTORY
Survey of the aesthetic, cultural, economic, political, and technological trends impacting motion pictures around the world from their origins in the late nineteenth century through the present. Only one of the following may be counted: Radio-Television-Film 306, 314, or 322C.

• 08220	TTH	930 - 1100	BMC 2.106	FRICK, C
	T	500 - 730P	BMC 2.106	

INTRO WORLD CINEMA HIST-WB
Hour(s) to be arranged. Survey of the aesthetic, cultural, economic, political, and technological trends impacting motion pictures around the world from their origins in the late nineteenth century through the present. Only one of the following may be counted: Radio-Television-Film 306, 314, or 322C. Taught as a Web-based course.

• 08225				FRICK, C

RTF 307 MEDIA AND SOCIETY
Concentrates on media's role in society, including our contributions as participants and audiences, as well as consequences to our social norms, political engagement, and identities. Considers how media work within local, national, and global contexts, addressing social continuities and disruptions, organizational processes, policies and politics, and economic conditions.

• 08230	MWF	900 - 1000	CMB 2.104	CHAUDHARY, N
	W	730 - 1000P	CMA 2.306	
• 08235	MWF	200 - 300P	CMB 2.104	BARNER, B
	W	730 - 1000P	CMA 2.306	
• 08240	TTH	500 - 630P	PAR 1	CROTTY, R
	W	730 - 1000P	CMA 2.306	

RTF 308 DEVELOPMENT OF FILM AND MEDIA
Study of historical development of the film, radio, television, and digital media industries. Overview of the cultural, social, economic, and technological contexts in which media have been produced and circulated.

• 08245	TTH	1100 - 1230P	CMA 2.306	FULLER, K
	TH	730 - 1000P	CMA 2.306	
	M	500 - 600P	BMC 4.204	
• 08250	TTH	1100 - 1230P	CMA 2.306	FULLER, K
	TH	730 - 1000P	CMA 2.306	
	M	500 - 600P	CMA 6.170	
• 08255	TTH	1100 - 1230P	CMA 2.306	FULLER, K
	TH	730 - 1000P	CMA 2.306	
	M	600 - 700P	BMC 4.204	
• 08260	TTH	1100 - 1230P	CMA 2.306	FULLER, K
	TH	730 - 1000P	CMA 2.306	
	M	600 - 700P	CMA 6.170	
• 08265	TTH	1100 - 1230P	CMA 2.306	FULLER, K
	TH	730 - 1000P	CMA 2.306	
	M	700 - 800P	BMC 3.204	
• 08270	TTH	1100 - 1230P	CMA 2.306	FULLER, K
	TH	730 - 1000P	CMA 2.306	
	M	700 - 800P	CMA 6.170	
• 08275	TTH	1100 - 1230P	CMA 2.306	FULLER, K
	TH	730 - 1000P	CMA 2.306	
	M	800 - 900P	BMC 3.204	
• 08280	TTH	1100 - 1230P	CMA 2.306	FULLER, K
	TH	730 - 1000P	CMA 2.306	
	M	800 - 900P	CMA 6.170	

RTF 317 NARR STRATEGIES/MEDIA DESIGN
Study of the way meaning is structured and perceived in film, television, and digital/interactive media; introduction to basic storytelling techniques in multiple media formats. Includes viewing and analysis of movies, television series, video games, and various other media narratives. Students may not enroll in this course more than twice. Radio-television-film 304 and 317 may not both be counted. Prerequisite: Three semester hours of lower-division coursework in radio-television-film.

• 08285	MWF	300 - 400P	BUR 134	HANSON, B
	W	500 - 730P	CMA 2.306	
• 08290	TTH	330 - 500P	BUR 130	LINDSEY, J
	W	500 - 730P	CMA 2.306	
• 08295	TTH	500 - 630P	BUR 134	SIEGEL, B
	W	500 - 730P	CMA 2.306	

RTF 318 INTRO TO IMAGE AND SOUND
Designed to accommodate 100 or more students. Exploration of fundamental film and digital production concepts and techniques through lectures, projects, and laboratory work. Students may not enroll in this course more than twice. Prerequisite: Six semester hours of lower-division coursework in radio-television-film.

• 08300	TTH	200 - 330P	CMA 2.306	LEWIS, D
	F	800 - 1100	CMA 5.176	
• 08305	TTH	200 - 330P	CMA 2.306	LEWIS, D
	F	800 - 1100	CMB 4.114	
• 08310	TTH	200 - 330P	CMA 2.306	LEWIS, D
	F	800 - 1100	CMB 4.116	
• 08315	TTH	200 - 330P	CMA 2.306	LEWIS, D
	F	800 - 1100	CMB 4.118	
• 08320	TTH	200 - 330P	CMA 2.306	LEWIS, D
	F	1100 - 200P	CMB 4.114	
• 08325	TTH	200 - 330P	CMA 2.306	LEWIS, D
	F	1100 - 200P	CMB 4.118	
• 08330	TTH	200 - 330P	CMA 2.306	LEWIS, D
	F	200 - 500P	CMB 4.114	
• 08335	TTH	200 - 330P	CMA 2.306	LEWIS, D
	F	200 - 500P	CMB 4.118	

RTF 321C HISTORY OF AMERICAN TELEVISION
Designed to accommodate 35 or fewer students. Survey of the evolution of United States television programming, aesthetics, production, and policy. Radio-Television-Film 316 and 321C may not both be counted. Prerequisite: Upper-division standing.

• 08339	MW	500 - 630P	CMA 3.124	
	M	730 - 1000P	CMA 3.116	

RTF 321D FILM HISTORY TO 1960
Introductory survey of the history of world cinema to 1960. Explores thedevelopment of film as a narrative medium, key filmmakers, films, and ofthe origins of the main elements of film grammar. Radio-Television-Film 321D and 322C may not both be counted. Prerequisite: Upper-division standing.

• 08340	TTH	1230 - 200P	CMB 2.102	BERG, C
	T	500 - 730P	CMB 2.102	

RTF 323C SCREENING RACE
Designed to accommodate 35 or fewer students. Introduction to the study of race and ethnicity in U.S. film, television, and new media. Includes focus on media histories, media criticism, production strategies, and U.S. audiences. Only one of the following may be counted: Communication 316M, Radio-Television-Film 316M, 323C. Prerequisite: Upper-division standing.

• 08345	TTH	930 - 1100	BMC 4.204	MCCLEAREN, J
	W	500 - 730P	CMA 3.116	

RTF 324C INTRODUCTION TO GLOBAL MEDIA
Introduces the role of global media as a set of texts, technologies, andindustries that shape our identities, our social worlds, and our political practices. Radio-Television-Film 312C and 324C may not both be counted. Prerequisite: Upper-division standing.

• 08350	TTH	200 - 330P	CMA 3.120	STRAUBHAAR, J

RTF 326C TECH CULTURE
Examines ideas about the relationship between technology and culture, how US culture views technology, and the historically contingent design,development and use of different media and communication technologies. Only one of the following may be counted: Communication 309, Radio-Television-Film 309, 326C. Prerequisite: Upper-division standing.

• 08355	MWF	100 - 200P	BMC 4.212	STROVER, S

RTF 329C DIGITL MEDIA PRODUCTION-WB
Interactive course designed to teach foundational Digital Media Production tools. Apply digital media tools and techniques to a variety of tasks in the pipeline of production from concept, storyboard, layout to compositor, VFX, CG and interactive design. Radio-Television-Film 329C and 344M (Topic: Digital Media Production maynot both be counted. Prerequisite: Forty-five hours of coursework. Taught as a Web-based course.

• 08360				BAYS, B

RTF 330L INTRNSHP IN FILM & ELEC MEDIA
Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experience related to the study of film, television, radio, or other media. Students must make their own arrangements to secure relevant internships. Radio-Television-Film 330L and 330M may not both be counted. Restricted to radio-television-film majors. Prerequisite: Upper-division standing and consent of the internship coordinator.

• 08365				

RTF 333 INTRODUCTION TO SCREENWRITING
An introduction to screenwriting for features, short films, documentaries, and television. Lectures explore the basic theory of story, character, and structure. Students write original screenplays during workshop hours. Prerequisite: For radio-television-film majors, upper-division standing and twelve semester hours of lower-division coursework in radio-television-film; for non-majors, upper-division standing.

• 08370	TH	1100 - 1230P	CMB 2.102	MCCREERY, C
	T	500 - 700P	CMA 6.146	
• 08375	TH	1100 - 1230P	CMB 2.102	MCCREERY, C
	W	500 - 700P	CMA 6.146	
• 08380	TH	1100 - 1230P	CMB 2.102	MCCREERY, C
	W	500 - 700P	CMA 6.172	

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course	unique	days	time	room	instructor
	• 08385	TH	1100 - 1230P	CMB 2.102	MCCREERY, C
		W	500 - 700P	CMA 6.174	
	• 08390	TH	1100 - 1230P	CMB 2.102	MCCREERY, C
		T	700 - 900P	CMA 6.146	
	• 08395	TH	1100 - 1230P	CMB 2.102	MCCREERY, C
		W	700 - 900P	CMA 3.130	
	• 08400	TH	1100 - 1230P	CMB 2.102	MCCREERY, C
		W	700 - 900P	CMA 6.146	

RTF 335 2-RACE/CLASS/GENDER IN AMER TV

Course number may be repeated for credit when the topics vary. Analysis of critical methods, selected television programs, and selectedcritics. Practice in written criticism required of all students. Surveys history and contemporary debates regarding the construction of race, class, gender and sexual orientation in U.S. television from the late 1940s through the present day and related issues of television aesthetics, production practices, audiences, and advocacy. Radio-Television-Film 335 (Topic 2) and 335 (Topic: Race, Class and Gender in American Television) may not both be counted. Prerequisite: Upper-division standing.

• 08405	TTH	930 - 1100	CMA 3.116	BELTRAN, M
	TH	500 - 730P	CMA 3.120	

RTF 336 SPEC PROJECTS IN RADIO-TV-FILM

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Comprehensive research or creative projects in areas of special interestdeveloped and executed by the student under faculty supervision. May be taken twice for credit. Restricted to radio-television-film majors. Prerequisite: Upper-division standing and consent of the department.

• 08410

RTF 337 EARS ONLY: AUDIO STORYTELLING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Fundamentals of audio program production. Students create either brief or long audio programs. Prerequisite: Upper-division standing; Radio-Television-Film 317 and 318with a grade of at least B-, and six additional hours of lower division coursework in Radio-Television-Film. meets with RTF 388P.

• 08415	M	600 - 900P	CMA 5.176	GARRISON, A
	W	200 - 500P	CMB 4.114	

RTF 340 MULTI-CAM TELEVISION DIRECTING

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Introduction to production of television programs, including the multicamera format. May not be taken concurrently with Radio-Television-Film 366 or 366K. Prerequisite: Upper-division standing, Radio-Television-Film 317 and 318with a grade of at least B- in each, and six additional semester hours of lower-division coursework in radio-television-film.

• 08420	W	200 - 500P	CMB 4.118	SCHNEIDER, D
	TH	600 - 900P	CMB 4.118	

RTF 341 AUDIO PRODUCTION INTO POST

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Theory and practice of producing quality audio for television, film, andother picture media. Includes basic editing on a digital audio workstation. Prerequisite: Upper-division standing, Radio-Television-Film 317 and 318with a grade of at least B- in each, and six additional semester hours of lower-division coursework in radio-television-film.

• 08425	MW	900 - 1200	CMB 4.114	GARRISON, A

RTF 342 INDIAN CINEMA

Course number may be repeated for credit when the topics vary. Study of political, social, cultural, and economic factors affecting the use and impact of communication systems in an international context. Prerequisite: Upper-division standing.

• 08430	TTH	200 - 330P	CMA 3.124	KUMAR, S
	T	730 - 1000P	CMA 3.116	

RTF 342S 2-INDIAN CINEMA

Course number may be repeated for credit when the topics vary. Study of political, social, cultural, and economic factors affecting theuse and impact of communication systems in an international context. Radio-Television-Film 342 (Topic: Indian Cinema) and 342S (Topic 2) may not both be counted. Prerequisite: Upper-division standing. meets with AAS 320.

• 08434	TTH	200 - 330P	CMA 3.124	KUMAR, S
	T	730 - 1000P	CMA 3.116	

RTF 343 1-ADV NARRATIVE PRODUCTION

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced study in film, television, and media production. Individual and group production of short films using high-definition video. Restricted to radio-television-film majors. Prerequisite: Upper-division standing; Radio-Television-Film 366K. Additional prerequisite: Radio-Television-Film 366K (Topic 2: Narrative Production).

• 08435	T	200 - 500P	CMB 4.126	LAW, H
	TH	200 - 500P	CMB 4.118	
• 08440	M	200 - 500P	CMB 4.122	SMITH, D
	W	1000 - 100P	CMB 4.116	

RTF 343D CINEMATOGRAPHY

Designed to accommodate 35 or fewer students. Visual storytelling and the art of cinematography through practice in a workshop environment. Radio-Television-Film 343D and 368 (Topic 2) may not both be counted. Restricted to radio-television-film majors. Prerequisite: Upper division standing; Radio-Television-Film 366K.

• 08445	M	900 - 1200	CMB 4.126	FIEGE, J
	W	600 - 900P	CMB 4.122	

RTF 344M CG FOR FILM AND GAMES

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Special topics in digital media theory, design, or development. May include visual effects and motion graphics or digital media and digital art. Prerequisite: For Radio-Television-Film majors, upper-division standing,Radio-Television-Film 317 and 318 with a grade of at least B-, and six additional hours of coursework in Radio-Television-Film; for non-majors, upper-division standing.

• 08450	TTH	500 - 630P	CMB 4.114	BAYS, B

POST PRODUCTION

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Special topics in digital media theory, design, or development. May include visual effects and motion graphics or digital media and digital art. Prerequisite: For Radio-Television-Film majors, upper-division standing,Radio-Television-Film 317 and 318 with a grade of at least B-, and six additional hours of coursework in Radio-Television-Film; for non-majors, upper-division standing.

• 08455	MW	1000 - 1130	CMA 4.144	QUIROZ, S

4-INTERACTIVE MED & GAME DEV

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Special topics in digital media theory, design, or development. May include visual effects and motion graphics or digital media and digital art. Radio-Television-Film 344M (Topic: Interactive Media and Game Development) and 344M (Topic 4) may not both be counted. Prerequisite: For Radio-Television-Film majors, upper-division standing,Radio-Television-Film 317 and 318 with a grade of at least B-, and six additional hours of coursework in Radio-Television-Film; for non-majors, upper-division standing.

• 08460	W	200 - 500P	CMA 4.148	

5-WRTG INTERACT GAMES/MEDIA

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Special topics in digital media theory, design, or development. May include visual effects and motion graphics or digital media and digital art. Designed to give aspiring game writers the skills, knowledge and techniques needed to write successfully for the games industry. Through the creation of original interactive games, focuses on such fundamentals as premise, character development, story structure, and the creation of multi-level worlds. Only one of the following may be counted: Radio-Television-Film 344M (Topic: Wri for Interact Games & Media), 344M (Topic 5), Theatre and Dance 355T (Topic: Writing for Interactive Games). Prerequisite: For Radio-Television-Film majors, upper-division standing,Radio-Television-Film 317 and 318 with a grade of at least B-, and six additional hours of coursework in Radio-Television-Film; for non-majors, upper-division standing.

• 08465	TTH	500 - 630P	CMA 4.144	O CONNOR, S

6-INTRO TO 3D ANIMATION

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Special topics in digital media theory, design, or development. May include visual effects and motion graphics or digital media and digital art. Only one of the following may be counted: Radio-Television-Film 344M (Topic: Computer Animation and 3-D Modeling), 344M (Topic 2), 344M (Topic 6). Prerequisite: For Radio-Television-Film majors, upper-division standing,Radio-Television-Film 317 and 318 with a grade of at least B-, and six additional hours of coursework in Radio-Television-Film; for non-majors, upper-division standing.

• 08470	TTH	200 - 330P	CMB 4.114	AKINS, W

RTF 344N IMMERSIVE FILM MAKING

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced topics in digital media theory, design, and development. Prerequisite: Radio-Television-Film 344M.

• 08475	T	1000 - 100P	CMA 4.148	QUIROZ, S

MOTION CAPTURE STUDIO

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced topics in digital media theory, design, and development. Prerequisite: Radio-Television-Film 344M.

• 08480	W	1000 - 100P	CMA 4.148	CHETTY, D

1-ADV VFX/MOTION GRAPHICS

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced topics in digital media theory, design, and development. Explores advanced subjects, concepts, and techniques in compositing, image and projection, digital painting, and animation. Radio-Television-Film 344N (Topic: Advanced Visual Effects) and 344N (Topic 1) may not both be counted. Prerequisite: Radio-Television-Film 344M. Additional prerequisite: Radio-Television-Film 344M (Topic 3: Introduction to Visual Effects and Motion Graphics).

• 08485	TTH	330 - 500P	CMB 4.114	BAYS, B

RTF 344T 1-GAME DEV CAPSTONE: 2D GAMES

Course number may be repeated for credit when the topics vary. Capstone courses in game development. Radio-Television-Film 344N (Topic 6: Game Development Capstone: 2D Games) and 344T (Topic 1) may not both be counted. Prerequisite: Upper-division standing and consent of instructor. meets with MUS 354S, ART 379S (TOPIC 1), AET 376, C S 354S.

• 08490	MF	1230 - 200P	GDC 6.202	TOPRAC, P
	W	600 - 900P	GDC 6.202	

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course unique days time room instructor

RTF 345 8-SOCIAL DOCUMENTARY

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Critical assessment of major genres, periods, movements, and personalities in United States and international film history. Radio-Television-Film 345 (Topic: Social Documentary) and 345 (Topic 8) may not both be counted. Prerequisite: Upper-division standing.

• 08494	M	130 - 300P	CMA 3.116	KOCHER, K
	W	130 - 300P	CMA 3.120	
	W	730 - 1000P	CMA 3.116	

RTF 346 INTRODUCTION TO EDITING

Designed to accommodate 35 or fewer students. Theory and practice of video and film editing techniques. Prerequisite: Upper-division standing, Radio-Television-Film 317 and 318with a grade of at least B- in each, and six additional semester hours of lower-division coursework in radio-television-film. Course uses AVID software.

• 08495	MW	1030 - 1200	CMA 5.176	KOCHER, K
	M	500 - 630P	CMA 4.144	
• 08500	MW	1030 - 1200	CMA 5.176	KOCHER, K
	M	630 - 800P	CMA 4.144	
• 08505	TTH	1230 - 200P	CMA 5.176	HOWARD, D
	TH	500 - 630P	CMA 4.150	
• 08510	TTH	1230 - 200P	CMA 5.176	HOWARD, D
	TH	630 - 800P	CMA 4.150	
• 08515	MW	130 - 300P	CMA 5.176	KOCHER, K
	T	500 - 630P	CMA 4.150	
• 08520	MW	130 - 300P	CMA 5.176	KOCHER, K
	T	630 - 800P	CMA 4.150	
• 08525	TTH	330 - 500P	CMA 5.176	HOWARD, D
	T	630 - 800P	CMA 5.176	
• 08530	TTH	330 - 500P	CMA 5.176	HOWARD, D
	T	800 - 930P	CMA 5.176	

RTF 347C ENTER INDUST: BIG PICTURE-L A

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Survey of business practices in film, television, music, and digital media industries: development, production, distribution, and exhibition. Upper-division standing; additional prerequisites vary with the topic. Restricted to students admitted to the Semester in Los Angeles Program. Explores the commercial challenges that face producers and network and studio executives, and addresses the continual struggle between creativit y and the bottom line. Taught in Los Angeles, California.

• 08535 POLLOK, S

RTF 347E ADVANCED EDITING

In-depth look at the principles, techniques, and aesthetics of editing; building a broad background for students' future professional development. Designed to provide a basic-to-intermediate level of familiarity with Avid editing software, by discussing and working on provided narrative, documentary, and technical exercises; various approaches to editing style in each case. Only one of the following may be counted: Radio-Television-Film 344 (Topic: Advanced Editing), 346C, 346E (Topic: Advanced Editing), 347E. Prerequisite: Radio-Television-Film 346 with a grade of at least B.

• 08540	TTH	200 - 330P	CMA 5.176	LEWIS, A
	TH	500 - 730P	CMA 3.116	

RTF 347P THE BUSINESS OF HOLLYWOOD

Designed to accommodate 100 or more students. Explores contemporary media industries: how media industries operate,andthe "big picture" of the contemporary film, television, and digital media landscape. Large-scale issues being faced by those working in the entertainment industry - including the impact of conglomerate ownership,regulation, globalization, and digitization on creative practices and work roles. Radio-Television-Film 347C (Topic: Business of Hollywood) and 347P may not both be counted. Prerequisite: Upper-division standing.

• 08545	MW	300 - 430P	BMC 1.202	PERREN, A
	M	500 - 630P	BMC 1.202	

RTF 348 2-DEVEL PROCESS OF FILM/TV-L A

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Examination of the economics and the production, research, management, and distribution practices of the film and electronic media industries. Examines the development process in both film and television; preparing pitches, coverage, and development notes; identifying strengths and weaknesses of literary material typical of that submitted to studios, networks, and production companies. Taught in Los Angeles, California. Only one of the following may be counted: Communication 324 (Topic: Development Process of Film and Television), 324 (Topic 2), Radio-Television-Film 348 (Topic: Development Process of Film and Television), 348 (Topic 2). Restricted to students admitted to the Semester in Los Angeles Program. Prerequisite: Upper-division standing. Taught in Los Angeles, California. same as COM 324 (TOPIC 2).

• 08550 KEREW-SHAW, D

3-INSIDE MUSIC INDUSTRY-L A

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Examination of the economics and the production, research, management, and distribution practices of the film and electronic media industries. Only one of the following may be counted: Communication 324 (Topic: Inside The Music Industry), 324 (Topic 3), Radio-Television-Film 348 (Topic: Inside The Music Industry) and 348 (Topic 3). Restricted to students admitted to the Semester in Los Angeles Program. Prerequisite: Upper-division standing. same as COM 324 (TOPIC 3).

• 08555 FERRANTE, D

4-NEW MEDIA/EMERG ENTRTNMT-L A

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Examination of the economics and the production, research, management, and distribution practices of the film and electronic media industries. Explores burgeoning areas of digital entertainment including broadband, video-on-demand, interactive television, mobile entertainment, and interactive digital gaming. Taught in Los Angeles, California. Only one of the following may be counted: Communication 324 (Topic: New Media and Emerging Entertainment), 324 (Topic 4), Radio-Television-Film 348 (Topic: New Media and Emerging Entertainment), 348 (Topic 4). Restricted to students admitted to the Semester in Los Angeles Program. Prerequisite: Upper-division standing. same as COM 324 (TOPIC 4).

• 08560 FINO, J

RTF 350L SEMESTER IN L A INT-L A

Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experience related to the study of film, television, radio, or other media. Students must make their own arrangements to secure relevant internships. Communication 350L, 650L and Radio-Television-Film 350L, 650L may not both be counted. Restricted to students in the Semester in Los Angeles Program. Prerequisite: Upper-division standing. Taught in Los Angeles, California. meets with COM 350L.

• 08565

RTF 650L SEMESTER IN L A INT-L A

Hour(s) to be arranged. Offered on the pass/fail basis only. Practical work experience related to the study of film, television, radio, or other media. Students must make their own arrangements to secure relevant internships. Communication 350L, 650L and Radio-Television-Film 350L, 650L may not both be counted. Restricted to students in the Semester in Los Angeles Program. Prerequisite: Upper-division standing. Taught in Los Angeles, California. meets with COM 650L.

• 08570

RTF 351C INTRODUCTION TO 2-D ANIMATION

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Theory and practice of digital graphics and animation techniques. Restricted to radio-television-film majors. Prerequisite: For majors, Radio-Television-Film 318, and nine additionalsemester hours of coursework in radio-television-film; for others, upper-division standing.

• 08575 MW 500 - 630P CMB 4.114 MYERS, L

RTF 359 3-ASIAN AMERICAN MEDIA CULS

Course number may be repeated for credit when the topics vary. Special topics related to the critical analysis of media in cultural contexts. Examines popular and critical roles, representations, and politics of Asian Americans in U.S. media including Hollywood cinema, U.S. network and cable television, Asian American independent film, and online media. Radio-Television-Film 359 and 359S may not both be counted unless the topics vary. Only one of the following may be counted: Asian American Studies 320 (Topic: Asian American Media Cultures), Asian American Studies 320 (Topic 4), Radio-Television-Film 359 (Topic: Asian American Media Cultures), Radio-Television-Film 359 (Topic 3). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as AAS 320 (TOPIC 4).

• 08580 MWF 1100 - 1200 BMC 3.206 MALLAPRAGADA, M

7-RACE/DIGITAL MEDIA CULTURES

Course number may be repeated for credit when the topics vary. Special topics related to the critical analysis of media in cultural contexts. Radio-Television-Film 359 and 359S may not both be counted unless the topics vary. Radio-Television-Film 359 (Topic: Race/Digital Media Cultures) and 359 (Topic 7) may not both be counted. Prerequisite: Upper-division standing.

• 08585 MWF 1000 - 1100 BMC 4.204 WATKINS, S

RTF 359S DOCUMENTING DIFFERENCE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Special topics related to the critical analysis of media in cultural contexts. Radio-Television-Film 359 and 359S may not both be counted unless the topics vary. Prerequisite: Upper-division standing. meets with AAS 320 (TOPIC 6).

• 08590 TTH 1230 - 200P PAR 208 NAULT, C

12-GENDER AND FAN CULTURE

Course number may be repeated for credit when the topics vary. Special topics related to the critical analysis of media in cultural contexts. Radio-Television-Film 359 and 359S may not both be counted unless the topics vary. Radio-Television-Film 359S (Topic: Gender and Fan Culture) and 359S (Topic 12) may not both be counted. Prerequisite: Upper-division standing. meets with WGS 324.

• 08595	MWF	1000 - 1100	BMC 3.206	SCOTT, S
	M	500 - 730P	CMA 3.120	

RTF 365 GENDER/RACE/SEXLTY SPORT MEDIA

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics addressing media, communication, and society. Prerequisite: Upper-division standing.

• 08599 MW 300 - 430P BMC 3.206 MCCLEAREN, J

RTF 365D 2-CHILDREN, YOUTH, AND MEDIA

Course number may be repeated for credit when the topics vary. Advanced topics addressing media literacy and education. Only one of the following may be counted: Radio-Television-Film 334 (Topic: Children and Media), 365D (Topic: Children, Youth and Media), and 365D (Topic 2). Prerequisite: Upper-division standing.

• 08600 TTH 200 - 330P BMC 4.212 TYNER, K

course	unique	days	time	room	instructor

RTF 366K 2-NARRATIVE PRODUCTION

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A workshop in visual storytelling and non-dialogue filmmaking. May not be taken concurrently with Radio-Television-Film 340 or 366. Restricted to radio-television-film majors. Prerequisite: Upper-division standing; Radio-Television-Film 317 and 318 with a grade of at least B- in each; and six semester hours of lower-division coursework in radio-television-film.

• 08605	T	600 - 900P	CMB 4.126	LEWIS, D
	W	1000 - 100P	CMB 4.126	
• 08610	T	1000 - 100P	CMB 4.126	MIMS, S
	T	600 - 900P	CMB 4.118	
• 08615	TTH	1100 - 200P	CMB 4.118	SCHIESARI, N

3-DOCUMENTARY PRODUCTION

Course number may be repeated for credit when the topics vary. Workshop in contemporary documentary practice, including directing, producing, cinematography, editing, sound recording, and distribution. May not be taken concurrently with Radio-Television-Film 340 or 366. Restricted to radio-television-film majors. Prerequisite: Upper-division standing; Radio-Television-Film 317 and 318 with a grade of at least B- in each; and six semester hours of lower-division coursework in radio-television-film.

• 08620	M	200 - 500P	CMB 4.116	SCHIESARI, N
	T	600 - 900P	CMB 4.122	

5-MUSIC FILM PRODUCTION

Course number may be repeated for credit when the topics vary. May not be taken concurrently with Radio-Television-Film 340 or 366. Radio-Television-Film 366K (Topic: Music Film Production) and 366K (Topic 5) may not both be counted. Restricted to radio-television-film majors. Prerequisite: Upper-division standing; Radio-Television-Film 317 and 318 with a grade of at least B- in each; and six semester hours of lower-division coursework in radio-television-film.

• 08625	W	1000 - 100P	CMB 4.122	RAVAL, P
	TH	600 - 900P	CMB 4.116	

7-CREATING A WEB SERIES

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. May not be taken concurrently with Radio-Television-Film 340 or 366. Radio-Television-Film 366K (Topic: Creating a Web Series) and 366K (Topic 7) may not both be counted. Restricted to radio-television-film majors. Prerequisite: Upper-division standing; Radio-Television-Film 317 and 318 with a grade of at least B- in each; and six semester hours of lower-division coursework in radio-television-film.

• 08630	M	900 - 1200	CMB 4.118	AKEL, M
	W	600 - 900P	CMB 4.126	

RTF 367D DIRECTING WORKSHOP

Explores the role of the director, focusing on the director-actor relationship, narrative structure, and visual language. Only one of the following may be counted: Radio-Television-Film 344 (Topic: Directing Workshop), 366D (Topic: Directing Workshop), 367D Restricted to radio-television-film majors. Prerequisite: Upper-division standing, Radio-Television-Film 317 and 318with a grade of at least B- in each, and six additional semester hours of lower-division coursework in radio-television-film.

• 08635	T	200 - 500P	CMB 4.118	SHEA, A
	TH	600 - 900P	CMB 4.126	
• 08640	T	200 - 500P	CMB 4.122	SMITH, D
	W	200 - 500P	CMB 4.126	

RTF 367K PRODUCING FILM AND TELEVISION

Additional hour(s) to be arranged. Comprehensive consideration of the production process from the producer's standpoint regarding fiscal and creative management. Includesdevelopment and preproduction and production planning using computer budgeting and scheduling. Prerequisite: For Radio-Television-Film majors, upper-division standing,Radio-Television-Film 317 and 318 with a grade of at least B- in each, and six additional hours of coursework in Radio-Television-Film; for others, upper-division standing.

• 08645	TTH	330 - 500P	CMB 2.104	BARBER, M

RTF 367Q SCRIPT TO SCREEN

Designed to accommodate 35 or fewer students. Examination of the behind the scenes production of feature films. Includes examination of scripts, shot lists, storyboards, shooting schedules, visual effects and behind-the-scenes footage. Radio-Television-Film 367 (Topic: Adv. Producing Script to Screen) and 367Q may not both be counted. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 367K, or 366D, or 333.

• 08650	T	930 - 1230P	BMC 4.212	RICE, S

RTF 368C ADVANCED DIRECTING

Offered on the letter-grade basis only. Creation of collaborative, performance-based works that emphasize simplicity and ingenuity in image and sound choices. Works will adhere to a production code that is a modified version of the Dogme 95 Vow of Cinematic Chastity. Radio-Television-Film 368 (Topic 4: Advanced Directing) and 368C may notboth be counted. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 366D. meets with RTF 388P.

• 08655	M	200 - 500P	CMB 4.118	SHEA, A
	W	200 - 500P	CMB 4.122	

RTF 368S 2-MEDIA STUDIES THESIS

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Advanced film production or media studies research. An independent research project based on primary data, resulting in a written summary of theoretical foundations, methodological approach, results, and a discussion. Restricted to radio-television-film majors. Prerequisite: Upper-division standing and consent of instructor; Prerequisites vary with the topic.

• 08660

RTF 369 1-ADV SCRNWRT FOR FEATURE FILM

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Students develop and write original screenplays. Includes advanced study of screenplay structure, critical analysis of student and professional work, and intensive writing each week toward a completed script. Students may not enroll in more than two sections of any Radio-Television-Film 369 course in the same semester. Students may not enroll in more than one section of Radio-Television-Film 369 (Topic 1) in the same semester. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.

• 08665	T	330 - 630P	CMA 3.130	WILLETT, T

3-ADV SCRNWRITING: TV PILOTS

Course number may be repeated for credit when the topics vary. Students develop and write original screenplays. Includes advanced study of screenplay structure, critical analysis of student and professional work, and intensive writing each week toward a completed script. Students may not enroll in more than two sections of any Radio-Television-Film 369 course in the same semester. Radio-Television-Film 369 (Topic: Adv Screenwriting: TV Pilots) and 369 (Topic 3) may not both be counted. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.

• 08670	TH	930 - 1230P	CMA 3.130	KELBAN, S
• 08675	F	100 - 400P	CMA 3.130	LADDY, T

4-ADV SCREENWRITING: TV SPECS

Course number may be repeated for credit when the topics vary. Students develop and write original screenplays. Includes advanced study of screenplay structure, critical analysis of student and professional work, and intensive writing each week toward a completed script. Students may not enroll in more than two sections of any Radio-Television-Film 369 course in the same semester. Radio-Television-Film 369 (Topic: Adv Screenwriting: TV Specs) and 369 (Topic 4) may not both be counted. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.

• 08680	M	100 - 400P	CMA 3.130	HENDERSON, F

5-ADV SCRNWRTING: INDIE FILMS

Course number may be repeated for credit when the topics vary. Students develop and write original screenplays. Includes advanced study of screenplay structure, critical analysis of student and professional work, and intensive writing each week toward a completed script. Students may not enroll in more than two sections of any Radio-Television-Film 369 course in the same semester. Radio-Television-Film 369 (Topic: Adv Scrnwrt for Film: Indies) and 369 (Topic 5) may not both be counted. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.

• 08685	TH	330 - 630P	CMA 3.130	WILLETT, T

6-ADV SCRNWRTG: SCI-FI/HORROR

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Students develop and write original screenplays. Includes advanced study of screenplay structure, critical analysis of student and professional work, and intensive writing each week toward a completed script. Students may not enroll in more than two sections of any Radio-Television-Film 369 course in the same semester. Radio-Television-Film 369 (Topic: Adv Screenwrtng: Sci-Fi/Horror) and 369 (Topic 6) may not both be counted. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.

• 08690	T	930 - 1230P	CMA 6.146	THORNE, B

RTF 370 7-FILMS OF MARTIN SCORSESE

Course number may be repeated for credit when the topics vary. Analysis of critical methods, selected films, and selected critics. Radio-Television-Film 370 (Topic: Films of Scorsese) and 370 (Topic 7) may not both be counted. Prerequisite: Upper-division standing.

• 08695	MWF	200 - 300P	BMC 4.204	SCHATZ, T
	W	730 - 1000P	CMA 3.120	

RTF 377H GLOBAL SPORTS MEDIA

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Focus on specialized topics and issues in media history, theory, and criticism. Prerequisite: Upper-division standing and a University grade point average of at least 3.0. meets with RTF 387C.

• 08699	T	1230 - 330P	CMA 5.130	MCCLEAREN, J

MEDIA AND POPULAR CULTURE

Course number may be repeated for credit when the topics vary. Focus on specialized topics and issues in media history, theory, and criticism. Prerequisite: Upper-division standing and a University grade point average of at least 3.0. meets with RTF 389.

• 08700	T	930 - 1230P	CMA 5.130	KUMAR, S

RTF 178 RADIO-TV-FILM INTERNSHIP

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Practical work experience related to the study of film, television, radio, or other media. Students must make their own arrangements to secure relevant internships. May be repeated, but only one hour may be counted toward the Bachelor of Science in Radio-Television-Film. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 330L and consent of the internship coordinator.

• 08705

course	unique	days	time	room	instructor

RTF 380C SCREENWRITING FOR DIRECTORS
Designed to accommodate 35 or fewer students. Introduction to the study and practice of writing for film and television. Required of all production students. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.

• 08710	T	200 - 600P	UTC 1.136	LEWIS, R

RTF 380J 1-FIRST-YEAR SCREENWRITING
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduction to theory and practice in narrative writing for film and electronic media. Required of students in the Master of Fine Arts screenwriting program in radio-television-film. Restricted to students in the Master of Fine Arts screenwriting program in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.

• 08715	T	930 - 1230P	CMA 3.130	KELBAN, S

RTF 380M 3-ADVANCED SCREENWRITING I
Course number may be repeated for credit when the topics vary. Creation and development of written work for film and television production. Students will develop a major work, such as a full-length screenplay or television pilot. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08720	TH	100 - 400P	CMA 5.130	LEWIS, R

RTF 380N TV SPECS
Course number may be repeated for credit when the topics vary. Creation and realization of professional materials for film and television. Prerequisite: Graduate standing, Radio-Television-Film 380M or the equivalent, and consent of instructor and the graduate adviser.

• 08725	M	900 - 1200	CMA 3.130	HENDERSON, F

WRITERS ROOM WORKSHOP
Course number may be repeated for credit when the topics vary. Creation and realization of professional materials for film and television. Prerequisite: Graduate standing, Radio-Television-Film 380M or the equivalent, and consent of instructor and the graduate adviser.

• 08730	T	200 - 500P	CMA 6.146	MCCREERY, C

RTF 881KA PRINCIPLES OF FILM AND TV PROD
Additional hour(s) to be arranged. Study of film and video production aesthetics and techniques. Productioncosts borne by the student. Prerequisite: For 881KA, graduate standing and consent of instructor and the graduate adviser; for 881KB, Radio-Television-Film 881KA.

• 08735	W	100 - 500P	CMB 4.116	STEKLER, P
	W	600 - 1000P	CMB 4.116	

RTF 384C STORYTELLING FOR POLICY WONKS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An intensive investigation of selected topics in communication theories. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with P A 388K.

• 08739	TH	200 - 500P	SRH 3.314	STEKLER, P

RTF 384N INTRNSHP IN FILM & ELEC MEDIA
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practical working involvement with participating media production and research agencies. Prerequisite: Graduate standing and consent of the graduate adviser.
• 08740

RTF 386C DIGITAL IDENTITIES
Course number may be repeated for credit when the topics vary. Advanced study in media theory and criticism. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08745	W	300 - 600P	CMA 5.130	SCOTT, S

HISTORIOGRAPHY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced study in media theory and criticism. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08750	T	1230 - 330P	CMA 6.172	FULLER, K

MEDIA INDUSTRIES
Course number may be repeated for credit when the topics vary. Advanced study in media theory and criticism. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08755	T	330 - 630P	CMA 6.172	PERREN, A

RACE/CLASS/GENDER IN AMER TV
Course number may be repeated for credit when the topics vary. Advanced study in media theory and criticism. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08760	TH	1230 - 330P	CMA 6.172	BELTRAN, M
	TH	730 - 1000P	CMA 3.120	

RTF 387C GLOBAL SPORTS MEDIA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of global media systems, theories, and processes. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with RTF 377H.

• 08764	T	1230 - 330P	CMA 5.130	MCCLEAREN, J

RTF 387D MEDIA AND THE MIDDLE EAST
Course number may be repeated for credit when the topics vary. Study of how development institutions use communication strategies for social change, and how development discourse communicates assumptions about social change. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08765	W	1200 - 300P	CMA 6.172	WILKINS, K

RTF 387F LATIN AMERICAN MEDIA
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Study of media systems across cultural and political boundaries. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with LAS 381.

• 08770	TH	930 - 1230P	CMA 6.146	STRAUBHAAR, J

RTF 388C RSCH PROBS: DOCTORAL EXAM PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Research and reading in preparation for doctoral examinations. Prerequisite: Graduate standing in radio-television-film and consent of the graduate adviser.
• 08775

RTF 388D RSCH PROB IN SPEC FIELD OF RTF
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Research project chosen from area of student's major interests. Prerequisite: Graduate standing and consent of the graduate adviser.
• 08780

RTF 388E RSCH PROB IN SPEC FIELD OF RTF
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Research project chosen from area of student's major interests. Prerequisite: Graduate standing and consent of the graduate adviser.
• 08785

RTF 488M 1-PRE-THESIS PRODUCTION
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Production of projects in film and video. Production costs borne by the student. Radio-Television-Film 388M (Topic: Pre-Thesis Production) and 388M, 488M (Topic 1) may not both be counted. Restricted to students in the Master of Fine Arts production program in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.

• 08790	W	1000 - 200P	CMB 4.118	ALVAREZ, M

3-THESIS PRODUCTION
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Production of projects in film and video. Production costs borne by the student. Radio-Television-Film 388M (Topic: Thesis Film Production) and 388M, 488M (Topic 3) may not both be counted. Restricted to students in the Master of Fine Arts production program in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.

• 08795	T	1000 - 200P	CMB 4.122	RAVAL, P

4-THESIS POSTPRODUCTION
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Production of projects in film and video. Production costs borne by the student. Radio-Television-Film 388M (Topic: Prac Film/TV: Thesis Postproduction), 488M (Topic: Prac Film/TV: Thesis Postproduction) and 388M (Topic 4), 488M (Topic 4) may not both be counted. Restricted to students in the Master of Fine Arts production program in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 08800

RTF 388P ADVANCED DIRECTING
Course number may be repeated for credit when the topics vary. Production costs borne by the student. Restricted to students in the Master of Fine Arts production program in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser. Topic description: Creation of collaborative, performance-based works that emphasize simplicity and ingenuity in image and sound choices. Works will adhere to a production code that is a modified version of the Dogme 95 Vow of Cinematic Chastity. meets with RTF 368C.

• 08805	M	200 - 500P	CMB 4.118	SHEA, A
	W	200 - 500P	CMB 4.122	

CINEMATOGRAPHY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Production costs borne by the student. Restricted to students in the Master of Fine Arts production program in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.

• 08810	M	200 - 500P	CMB 4.126	LEWIS, D
	M	600 - 900P	CMB 4.126	

EARS ONLY: AUDIO STORYTELLING
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Production costs borne by the student. Restricted to students in the Master of Fine Arts production program in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser. meets with RTF 337.

• 08814	M	600 - 900P	CMA 5.176	GARRISON, A
	W	200 - 500P	CMB 4.114	

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course	unique	days	time	room	instructor

IMMERSIVE MEDIA PRODUCTION
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Production costs borne by the student. Restricted to students in the Master of Fine Arts production program in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.

• 08815	T	200 - 500P	CMA 4.148	CHETTY, D
• 08820	W	200 - 500P	CMA 4.148	CHETTY, D

RTF 388S RSCH PROB SPEC FIELD RTF: PROD
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of the graduate adviser.
• 08825

RTF 389 MEDIA AND POPULAR CULTURE
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Study of selected issues related to media and society. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. Topic description: Analyze media and popular culture issues. Develop theoretical and methodological skills necessary to critically evaluate the reciprocal relationship between media and popular culture in the 21st ce ntury. meets with RTF 377H.

• 08830	T	930 - 1230P	CMA 5.130	KUMAR, S

RTF 390C INTRO TO EDITING PROCESSES
Course number may be repeated for credit when the topics vary. Introductory editing topics designed to build the foundation for later postproduction practice. Incorporates technical, aesthetic, and practical considerations into an overall view of editing as a process. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08835	TTH	1100 - 1230P	CMA 5.176	LEWIS, A
	T	730 - 1000P	CMA 3.120	

RTF 393N INTERNET/INFORMATION POLICY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Analysis of major domestic and international policy issues related to new communications technology. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with P A 388K, MIS 383N, INF 390N.

• 08839	M	900 - 1200	SRH 3.221	NEWELL, A

NEW MEDIA TECH AND CULTURE
Course number may be repeated for credit when the topics vary. Analysis of major domestic and international policy issues related to new communications technology. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08840	M	100 - 400P	CMA 6.172	MALLAPRAGADA, M

RTF 395 1-THRY/LIT PHD: SOC SCI APPRO
Course number may be repeated for credit when the topics vary. Advanced seminar surveying the literature of media and communication theories. Surveys the literature of social science approaches to communication study. Restricted to doctoral students. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08845	M	900 - 1200	CMA 3.108	STROVER, S

3-THRY/LIT MED STDS MASTER STU
Course number may be repeated for credit when the topics vary. Advanced seminar surveying the literature of media and communication theories. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 08850	M	900 - 1200	CMA 6.146	SCHATZ, T

RTF 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in radio-television-film and consent of the graduate adviser; for 698B, Radio-Television-Film 698A.
• 08855

RTF 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in radio-television-film and consent of the graduate adviser; for 698B, Radio-Television-Film 698A.
• 08860

RTF 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in radio-television-film and consent of the graduate adviser.
• 08865

RTF 398T SUPERVISED TEACHING IN RTF
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Study of the teaching/learning process; practice in classroom presentation. Required for appointment as an assistant instructor in radio-television-film; may be taken before or during the first semester of appointment. Prerequisite: Graduate standing and consent of the graduate adviser. meets with J 398T.

• 08870	W	900 - 1200	CMA 3.108	BERG, C

RTF 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 08875

RTF 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 08880

RTF 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 08885

RTF 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Radio-Television-Film 399R, 699R, or 999R, and consent of the graduate adviser.
• 08890

RTF 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Radio-Television-Film 399R, 699R, or 999R, and consent of the graduate adviser.
• 08895

RTF 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Radio-Television-Film 399R, 699R, or 999R, and consent of the graduate adviser.
• 08900

April 3, 2018

COLLEGE OF EDUCATION

Applied Learning and Development - ALD

ALD 118C ART OF TEACHNG IN HIGHR EDU

Course number may be repeated for credit when the topics vary. Lectures and discussions on various contemporary issues. Emphasis on multidisciplinary perspectives and critical discourse. Restricted to freshmen and sophomores. Restricted to students in the McNair Scholars Program.

- 08955 W 400 - 500P MAI 220E KELLY, D

UNDERGRAD CONNECTION SEMINAR

Course number may be repeated for credit when the topics vary. Lectures and discussions on various contemporary issues. Emphasis on multidisciplinary perspectives and critical discourse. Restricted to freshmen and sophomores.

- 08960 TH 200 - 300P SZB 424 MALOCH, A

ALD 320 COGNIT, HUMAN LEARN, AND MOTIV

Current and classical theories concerning conditioning paradigms, learning and remembering, attention, knowledge representation and retrieval, comprehension and production of language, problem solving, and the ways emotion influences learning. Prerequisite: Three semester hours of coursework in psychology.

- 08965 TTH 1100 - 1230P SZB 435 YAN, V
- 08970 TTH 200 - 330P SZB 435

ALD 321 PLAY IN EARLY CHILDHOOD DEVEL

Theoretical and empirical bases for observing children in play; cognitive, social, and communicative stages related to developmental theory; children's adjustment related to social and emotional theories; motivational value of play. Prerequisite: Three semester hours of coursework in psychology.

- 08975 T 1100 - 1230P UTC 3.134 ADAIR, J
  TH 1100 - 1230P SZB 411
- 08980 T 1100 - 1230P UTC 3.134 ADAIR, J
  TH 1100 - 1230P SZB 518C
- 08985 T 1100 - 1230P UTC 3.134 ADAIR, J
  TH 1230 - 200P SZB 411
- 08990 T 1100 - 1230P UTC 3.134 ADAIR, J
  TH 1230 - 200P SZB 424
- 08995 T 1100 - 1230P UTC 3.134 ADAIR, J
  TH 1230 - 200P SZB 439E

ALD 322 INDIVIDUAL DIFFERENCES

Additional hour(s) to be arranged. Introduction to individual differences among people through the life span. Examines areas of exceptionality within the context of typical development: current research trends; theoretical and legal considerations; and practice-related issues, including family involvement, cultural and linguistic diversity, and educational perspectives. Orientation to assistive technology. Prerequisite: Three semester hours of coursework in psychology.

- 09000 TTH 800 - 930 UTC 3.124 ROJESKI, L
- 09005 T 500 - 800P UTC 4.134 PATTON, J

INDIVIDUAL DIFFERENCES-ELEM

Additional hour(s) to be arranged. Introduction to individual differences among people through the life span. Examines areas of exceptionality within the context of typical development: current research trends; theoretical and legal considerations; and practice-related issues, including family involvement, cultural and linguistic diversity, and educational perspectives. Orientation to assistive technology. Prerequisite: Three semester hours of coursework in psychology. Restricted to students planning a career in elementary education.

- 09010 W 100 - 400P SZB 292 ROJESKI, L

INDIVIDUAL DIFFERENCES-SEC

Additional hour(s) to be arranged. Introduction to individual differences among people through the life span. Examines areas of exceptionality within the context of typical development: current research trends; theoretical and legal considerations; and practice-related issues, including family involvement, cultural and linguistic diversity, and educational perspectives. Orientation to assistive technology. Prerequisite: Three semester hours of coursework in psychology. Restricted to students planning a career in secondary education.

- 09015 TTH 1230 - 200P JES A203A FRAGALE, C

ALD 327 SOCIOCUL INFLNCS ON LEARN-BIL

Additional hour(s) to be arranged. Human learning in multisocial, multilingual, and multicultural contexts; realities of society and their impact on learning; social concerns such as prejudice, stereotyping, cross-cultural attitudes, bilingual issues, parent and community involvement. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Sociocultural Influences on Learning), 372D (Topic 2), Applied and Learning Development 327. Prerequisite: Three semester hours of coursework in psychology. Restricted to Bilingual Education cohort students. Conducted in Spanish.

- 09025 W 900 - 1200 SZB 518C URRIETA, L

SOCIOCUL INFLUENCES ON LEARN

Additional hour(s) to be arranged. Human learning in multisocial, multilingual, and multicultural contexts; realities of society and their impact on learning; social concerns such as prejudice, stereotyping, cross-cultural attitudes, bilingual issues, parent and community involvement. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Sociocultural Influences on Learning), 372D (Topic 2), Applied and Learning Development 327. Prerequisite: Three semester hours of coursework in psychology.

- 09030 MWF 1100 - 1200 SZB 278
- 09035 TTH 1100 - 1230P SZB 424

SOCIOCUL INFLUENCES ON LEARN

Additional hour(s) to be arranged. Human learning in multisocial, multilingual, and multicultural contexts; realities of society and their impact on learning; social concerns such as prejudice, stereotyping, cross-cultural attitudes, bilingual issues, parent and community involvement. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Sociocultural Influences on Learning), 372D (Topic 2), Applied and Learning Development 327. Prerequisite: Three semester hours of coursework in psychology. meets with AFR 372D (TOPIC 2).

- 09040 T 100 - 400P SZB 411 BROWN, K
- 09045 TH 400 - 700P SZB 424 DE LISSOVOY, N

SOCIOCUL INFLUENCES ON LEARN

Additional hour(s) to be arranged. Human learning in multisocial, multilingual, and multicultural contexts; realities of society and their impact on learning; social concerns such as prejudice, stereotyping, cross-cultural attitudes, bilingual issues, parent and community involvement. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Sociocultural Influences on Learning), 372D (Topic 2), Applied and Learning Development 327. Prerequisite: Three semester hours of coursework in psychology. meets with AFR 372D (TOPIC 2), MAS 374.

- 09050 TH 100 - 400P SZB 426

ALD 329 ACQUIS OF LANG & LITERACIES

Additional hour(s) to be arranged. Subjects include initial language and literacy acquisition theory; second language acquisition theory; relations among first and additionallanguages in literacy and language acquisition; home, school, and learners' perspectives; and current issues in literacy and multilingual classrooms. Applied Learning and Development 325 and 329 may not both be counted. Required for students seeking certification in early childhood through grade six generalist. Prerequisite: Applied Learning and Development 327.

- 09075 TTH 800 - 930 SZB 240
- 09080 W 900 - 1200 SZB 411 RAMOS, N
- 09085 TTH 930 - 1100 SZB 240
- 09090 TTH 1100 - 1230P SZB 439E
- 09095 W 100 - 400P SZB 240

ALD 331 RESTORATIVE PRACTICES

Offered on the letter-grade basis only. Focus on community engagement and social justice issues related to schooling access and equity. Includes a field based component that promotes practices needed to implement restorative practices in multiple settings. Prerequisite: Upper-division standing. Restricted to students in the UTeach Urban Teachers Social Studies Master's plus certification program.

- 09105 TTH 200 - 330P SZB 330 WIEBE, M

DEPARTMENT OF CURRICULUM AND INSTRUCTION

Curriculum and Instruction - EDC
Foreign Language Education - FLE
Science, Technology, Engineering, and Mathematics Education - STM

EDC 319 QUAL INQ/EDU FOR SOC CHANGE

Examines the socio-historical contexts of education for minoritized groups in the U.S. through empirical approach of critical qualitative inquiry in education. Explores qualitative and historical studies in which students, teachers, administrators, and parents seek to change or reform their educational experiences. Entails research in schools and non-school settings.

- 09160 MW 1100 - 1230P SZB 296 URRIETA, L

EDC 331S SCH ORG/CLASS MGMT IN SEC SCH

Additional hour(s) to be arranged. Administrative structure of secondary schools; concepts, principles, andstrategies for establishing an orderly classroom environment, preventinginappropriate behavior, and promoting student involvement in academic work. Prerequisite: Admission to the professional development sequence of courses, completion of seventy-two semester hours of coursework, and a University grade point average of at least 2.50. Restricted to music, theater, and dance majors in the College of Fine Arts. Additional hours taught in Austin-area elementary schools.

- 09190 MWF 1000 - 1100 MRH 2.634 DUKE, R

EDC 332S DESIGNS FOR INSTRUCTION

Additional hour(s) to be arranged. One of the beginning courses in the professional development sequence for approved programs in secondary education. Prerequisite: Admission to the professional development sequence of courses, completion of seventy-two semester hours of coursework, a University grade point average of at least 2.50, and concurrent enrollment in Curriculum and Instruction 331S. Restricted to music studies majors.

- 09195 TTH 200 - 330P MRH 2.634 SIMMONS, A

DESIGNS FOR INSTRUCTION

Additional hour(s) to be arranged. One of the beginning courses in the professional development sequence for approved programs in secondary education. Prerequisite: Admission to the professional development sequence of courses, completion of seventy-two semester hours of coursework, a University grade point average of at least 2.50, and concurrent enrollment in Curriculum and Instruction 331S. Restricted to students in the Bachelor of Fine Arts in Dance: Dance Studies Option.

- 09200 W 500 - 800P WIN 2.136 CURRAN, T

Mini Grids

course unique days time room instructor

DESIGNS FOR INSTRUCTION
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. One of the beginning courses in the professional development sequence for approved programs in secondary education. Prerequisite: Admission to the professional development sequence of courses, completion of seventy-two semester hours of coursework, a University grade point average of at least 2.50, and concurrent enrollment in Curriculum and Instruction 331S. Restricted theatre studies majors.
• 09205 W 1100 - 200P WIN 1.148 SIMONS, S

DESIGNS FOR INSTRUCTION
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. One of the beginning courses in the professional development sequence for approved programs in secondary education. Prerequisite: Admission to the professional development sequence of courses, completion of seventy-two semester hours of coursework, a University grade point average of at least 2.50, and concurrent enrollment in Curriculum and Instruction 331S. Restricted to visual art studies majors.
• 09210 T 1100 - 200P ART 3.408 LITTLE, R

EDC 339D READING ASSESSMENT AND DEVEL-A
Prerequisite: Admission to the professional development sequence of courses. Restricted to cohort A students. Taught in Austin-area elementary schools.
• 09215 M 900 - 1200

EDC 339F ADOLESCENT LITERACY
Restricted enrollment; contact the department for permission to register for this class. Designed for students in a University secondary teacher preparation program. Social, political, cultural, emotional, and personal perspectives on adolescent literacy. Subjects may include adolescent literacy practices in and out of school; literacy in relation to identity, peer communities, meaning, communication, and social engagement; curricula that emphasize the social and civic purposes of literacy; and motivation, fulfillment, and democratic participation as educational outcomes.
• 09225 TH 1230 - 330P SZB 518C

EDC 341C EARLY CHILDHOOD EDUCATION
Introductory exploration of historical antecedents and social and educational issues in early childhood education; analysis of curricula and behavioral practices in early childhood education; and development of sensitivity to particular needs of early childhood populations.
• 09255 W 900 - 1200 SZB 424 NXUMALO, F

EDC 345 CURRIC ISS IN PHYSICAL EDUCATN
Designed to accommodate 35 or fewer students. Study of personal teaching and physical education programs. Accompanies student teaching. Prerequisite: A major in applied movement science, admission to the professional development sequence of courses, and concurrent enrollment in Curriculum and Instruction 950W.
• 09260 T 300 - 600P BEL 710A CASTELLI, D

EDC 350 SPORT PEDAGOGY
Course number may be repeated for credit when the topics vary. Analysis of selected topics and problems in education. meets with KIN 352K.
• 09265 MWF 100 - 200P BEL 602A BRYANT, L

EDC 351S 1-SEC SCHL TCHG PRAC ENGLISH
Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Supervised practicum in secondary classroom teaching, conducted in cooperating schools, as part of the teacher preparation program. Consists of teaching, analysis, and evaluation. No more than nine semester hours of this course may be taken for credit. Restricted to students seeking secondary teaching certification in English. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences. Restricted to students in the UTeach Urban Teachers program.
• 09285 TH 100 - 400P SZB 442 KELT, D

2-SEC SCHL TCHG PRAC SOC STDS
Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Supervised practicum in secondary classroom teaching, conducted in cooperating schools, as part of the teacher preparation program. Consists of teaching, analysis, and evaluation. No more than nine semester hours of this course may be taken for credit. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences. Restricted to students in the UTeach Urban Teachers program.
• 09290 M 100 - 400P SZB 426 HALL, D

EDC 651S 2-SEC SCHL TCHG PRAC SOC STDS
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Supervised practicum in secondary classroom teaching, conducted in cooperating schools, as part of the teacher preparation program. Consists of teaching, analysis, and evaluation. No more than nine semester hours of this course may be taken for credit. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences. Restricted to students in the UTeach Urban Teachers program.
• 09295

3-SEC SCHL TCHG PRAC MATH
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Supervised practicum in secondary classroom teaching, conducted in cooperating schools, as part of the teacher preparation program. Consists of teaching, analysis, and evaluation. No more than nine semester hours of this course may be taken for credit. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences.
• 09300

4-SEC SCHL TCHG PRAC SCIENCE
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Supervised practicum in secondary classroom teaching, conducted in cooperating schools, as part of the teacher preparation program. Consists of teaching, analysis, and evaluation. No more than nine semester hours of this course may be taken for credit. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences.
• 09305

EDC 951W 5-ALL LVL TCHG PRAC KIN
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Supervised practicum in elementary, middle school, and secondary classroom teaching. Conducted in cooperating schools as part of the teacher preparation program. Consists of teaching, analysis, and evaluation. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences.
• 09310

EDC 364 INTERNSHIP
Hour(s) to be arranged. Offered on the pass/fail basis only. Supervised fieldwork or clinical work in the student's area of study. Communication Sciences and Disorders 364 and Curriculum and Instruction 364, 664 may not both be counted. Prerequisite: Consent of instructor. Restricted to Youth and Community Studies majors.
• 09315

EDC 365C KNOWING/LEARNING IN MATH & SCI
Restricted enrollment; contact the department for permission to register for this class. Psychological foundations of learning; problem solving in mathematics and science education utilizing technology; principles of expertise and novice understanding of subject matter; implications of high-stakes testing; and foundations of formative and summative assessment. Curriculum and Instruction 365C and UTeach-Natural Sciences 350 may not both be counted. Restricted to students in the UTeach-Natural Sciences program. Prerequisite: Credit with a grade of at least C- or registration for UTeach-Natural Sciences 101. same as UTS 350.
• 09320 TTH 930 - 1100 SZB 316 RIEGLE-CRUMB, C
• 09325 TTH 1100 - 1230P SZB 316 AZEVEDO, F

EDC 365D CLASSROOM INTERACTIONS
Restricted enrollment; contact the department for permission to register for this class. Principles of delivering effective instruction in various formats (lecture, lab activity, collaborative settings); examination of gender, class, race, and culture in mathematics and science education; overview of policy related to mathematics and science education. Curriculum and Instruction 365D and UTeach-Natural Sciences 355 may not both be counted. Restricted to students in the UTeach-Natural Sciences program. Prerequisite: The following courses with a grade of at least C-: Curriculum and Instruction 365C or UTeach-Natural Sciences 350, and UTeach-Natural Sciences 110; and a University grade point average of at least 2.50. same as UTS 355.
• 09330 MW 200 - 400P SZB 316 KNUTH, E

CLASSROOM INTERACTIONS
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Principles of delivering effective instruction in various formats (lecture, lab activity, collaborative settings); examination of gender, class, race, and culture in mathematics and science education; overview of policy related to mathematics and science education. Curriculum and Instruction 365D and UTeach-Natural Sciences 355 may not both be counted. Restricted to students in the UTeach-Natural Sciences program. Prerequisite: The following courses with a grade of at least C-: Curriculum and Instruction 365C or UTeach-Natural Sciences 350, and UTeach-Natural Sciences 110; and a University grade point average of at least 2.50. same as UTS 355.
• 09335 TTH 200 - 400P SZB 316 VAKIL, S

EDC 365E PROJECT-BASED INSTRUCTION
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Foundations of project-based, case-based, and problem-based learning environments; principles of project-based curriculum development in mathematics and science education; classroom management and organization of project-based learning classrooms. Curriculum and Instruction 365E and UTeach-Natural Sciences 360 may not both be counted. Restricted to students in the UTeach-Natural Sciences program who have earned a passing score on the preliminary portfolio. Prerequisite: Curriculum and Instruction 365D or UTeach-Natural Sciences355 with a grade of at least C-, and a University grade point average ofat least 2.50. same as UTS 360.
• 09340 TTH 1230 - 200P SZB 316 PETROSINO, A
• 09345 MW 400 - 530P SZB 316 SAMPSON, V

EDC 370E 2-LANGUAGE ARTS-A
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Curriculum content and organization, teaching procedures, materials, and research in elementary school subjects. Prerequisite: A University grade point average of at least 2.50. Additional prerequisite: Admission to the professional development sequence of courses. Restricted to cohort A students. Taught in Austin-area elementary schools.
• 09385 M 100 - 400P

4-SOCIAL STUDIES-A
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Curriculum content and organization, teaching procedures, materials, and research in elementary school subjects. Prerequisite: A University grade point av-

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erage of at least 2.50. Additional prerequisite: Admission to the professional development sequence of courses. Restricted to cohort A students. Field hours taught in Austin-area elementary schools.
• 09420 T 900 - 1200 SZB 442

21-TEACHING ELEMENTARY PHYS ED
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Curriculum content and organization, teaching procedures, materials, and research in elementary school subjects. Prerequisite: A University grade point average of at least 2.50.
• 09480 MW 900 - 1000 BEL 326 STEPHENSON, R
MW 1000 - 1100 BEL 302

EDC 370S 1-ADV METHS ENG/LANG ARTS/READ
Course number may be repeated for credit when the topics vary. Curriculum content and organization, teaching procedures, materials, and research in one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. Restricted to students in a secondary teacher preparation program in the Department of Curriculum and Instruction. Prerequisite: Admission to the professional development sequence of courses, completion of ninety semester hours of coursework, and six semester hours of upper-division coursework in the appropriate subject; additional prerequisites vary with the topic. Restricted to students in the UTeach Urban Teachers program.
• 09485 T 100 - 400P SZB 426 KIM, G

3-ADV METHS IN SOCIAL STUDIES
Course number may be repeated for credit when the topics vary. Curriculum content and organization, teaching procedures, materials, and research in one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. Restricted to students in a secondary teacher preparation program in the department of Curriculum and Instruction. Prerequisite: Admission to the professional development sequence of courses, completion of ninety semester hours of coursework, and six semester hours of upper-division coursework in the appropriate subject; additional prerequisites vary with the topic. Restricted to students in the UTeach Urban Teachers Social Studies program.
• 09490 T 100 - 400P SZB 442

3-ADV METHS IN SOCIAL STUDIES
Course number may be repeated for credit when the topics vary. Curriculum content and organization, teaching procedures, materials, and research in one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. Restricted to students in a secondary teacher preparation program in the department of Curriculum and Instruction. Prerequisite: Admission to the professional development sequence of courses, completion of ninety semester hours of coursework, and six semester hours of upper-division coursework in the appropriate subject; additional prerequisites vary with the topic. Restricted to students in the UTeach Urban Teachers Social Studies Masters Plus Certification program.
• 09495 W 1000 - 100P SZB 344 BROWN, A

EDC 371G TEACHING YOUNG CHILDREN-A
Additional hour(s) to be arranged. Designed to provide students with frameworks for observing and interacting with young children in classroom settings, and to acquaint students with the teacher's varied roles in early childhood classrooms. Topics include cultural and linguistic diversity; supervising and interacting with children in a range of instructional groupings, including center-based and play-based learning activities and whole-group experiences; planning and implementing appropriate practicesand strategies; and record-keeping and assessment. Prerequisite: Upper-division standing, twelve semester hours of upper-division coursework in education, or consent of the education adviser; and admission to the professional development sequence of courses and a University grade point average of at least 2.50. Restricted to cohort A students. Field hours taught in Austin-area elementary schools.
• 09500 TH 100 - 400P SZB 344

EDC 377 CONF COURSE IN CURR AND INSTR
Hour(s) to be arranged. May be repeated for credit. Independent studies in instructional methodology and curriculum. Prerequisite: Upper-division standing and consent of instructor.
• 09520

EDC 380F SOCIOCULTURAL FOUNDATIONS
Problems and issues in the study of education from a sociocultural perspective. Examines research in different fields, including history, sociology, and anthropology of education; innovative education reform in the field of multicultural education; and issues of racial, class, and gender inequality. Includes a critical assessment of the American public school system, with an emphasis on social justice. Prerequisite: Graduate standing and admission to a Doctor of Education or a Doctor of Philosophy degree program.
• 09525 T 700 - 1000P SZB 526 BROWN, K

EDC 380R EDUCATIONAL RESEARCH & DESIGN
An introduction to the methodology of social science research, with a focus on the field of education. Examines the fundamental assumptions, principles, and procedures of research; the meaning of knowledge and the ways in which knowledge may be acquired and communicated to others; preparation and utilization of effective questions; principles of data collection and data analysis; drawing conclusions from data; and evaluation of current research. Prerequisite: Graduate standing and admission to a Master of Arts or a Master of Education degree program.
• 09530 TH 400 - 700P SZB 526 HORWITZ, E

EDC 381F INTRO TO TEACHING & TEACHER ED
Examines research on teaching, research in teacher education, and modes of inquiry. Prerequisite: Graduate standing and admission to a Doctor of Education or a Doctor of Philosophy degree program.
• 09535 T 400 - 700P SZB 411 SALINAS, C

EDC 381R INTRO TO SYS OF HUMAN INQUIRY
Designed to provide students with the knowledge and competence in social science research methods required for careers in teaching or human services. Explores competing definitions of research; the idea of a research paradigm; characteristics of various forms of inquiry, including quantitative and qualitative research; and research methods in relation to issues of ethics and rigor. Curriculum and Instruction 381R and 385G (Topic: Introduction to Systems of Human Inquiry) may not both be counted. Prerequisite: Graduate standing and admission to a Doctor of Education or a Doctor of Philosophy degree program.
• 09540 M 400 - 700P SZB 526 BROWN, C

EDC 385G DEMOCRACY & CITIZENSHIP EDU
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Prerequisite: Graduate standing and consent of instructor.
• 09545 W 400 - 700P SZB 411 PAYNE, K

READING DIFFICULTIES
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Prerequisite: Graduate standing and consent of instructor.
• 09550 W 400 - 700P SZB 284 WORTHY, M

TEACH/LEARN URBAN CONTEXTS
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Prerequisite: Graduate standing and consent of instructor.
• 09555 TH 400 - 700P SZB 426 BROWN, A

TECH & PRESERVICE TEACHER EDUC
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Prerequisite: Graduate standing and consent of instructor.
• 09560 T 400 - 700P SZB 344 HUGHES, J

4-SECOND LANGUAGE ACQUISITION
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Prerequisite: Graduate standing and consent of instructor.
• 09565 W 900 - 1200 SZB 526 HORWITZ, E

33-COMP-SUPPORTED COLLAB LEARN
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Explores current research, theories, and strategies of computer-supported collaborative learning. Includes web-based activities focused on collaborative inquiry and writing, and approaches to project-based and foreign language learning. Prerequisite: Graduate standing and consent of instructor. Partially taught as a Web-based course.
• 09570 M 400 - 700P SZB 323 RESTA, P

33-COMP-SUPPRTD COLLAB LRN-WB
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Explores current research, theories, and strategies of computer-supported collaborative learning. Includes web-based activities focused on collaborative inquiry and writing, and approaches to project-based and foreign language learning. Prerequisite: Graduate standing and consent of instructor. Taught as a Web-based course.
• 09575 RESTA, P

64-CULTURAL THEORY EDUCATION
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Investigation of theories of popular culture, cultural difference, and cultural politics, and their applications in educational research and practice. Focuses on the relation between culture and power, with attention to issues of identity as well as social structure. Prerequisite: Graduate standing and consent of instructor.
• 09580 T 400 - 700P SZB 526 DE LISSOVOY, N

71-EXPL EDUC MEXICAN AMER CHLD
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Provides a historical and contemporary overview of Mexi-

can American children's schooling experiences that consider tracking, bilingual education, school finance, higher education access, and standardized testing. Prerequisite: Graduate standing and consent of instructor.
• 09585 T 700 - 1000P SZB 442 URRIETA, L

79-SOCIOLING IN RSCH/TEACHING
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Focuses on the sociocultural investigation of language, particularly as it pertains to educational settings. Traces the historical emergence of the related fields of sociolinguistics and linguistic anthropology, exploring how each of these scholarly traditions approaches the study oflanguage, identifying key points of overlap and tension between the two fields, and discussing recent examples of interdisciplinary scholarship. Issues to be addressed include linguistic variation, language and identity, bilingualism and multilingualism, language ideologies, and classroom discourse. Prerequisite: Graduate standing and consent of instructor.
• 09590 T 400 - 700P SZB 424 WETZEL, M

80-ORALITY/LITERACY/TECHNOLOGY
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and problems in curriculum theory, program design, and research design at one of the following levels: elementary school, secondary school, higher education, all-level. Explores the relationships among speech, writing, and technology across human history, in contemporary cultures, in individual lives, and in processes of education. Situates discussions of "new literacies" in thecontext of the history of literacy. Prerequisite: Graduate standing and consent of instructor.
• 09595 W 400 - 700P SZB 286 KIM, G

EDC 385R INTRO TO QUANTITATIVE RESEARCH
Designed to help students develop skills in a variety of approaches and methodologies used in research design that requires quantitative methods. Focuses on multivariate methods; and includes research questions, purposes, methodologies, instruments, measures, participant selection, data collection and data analysis methods, results, and conclusions. Prerequisite: Graduate standing; admission to a Doctor of Education or a Doctor of Philosophy degree program; and Curriculum and Instruction 382R, Educational Psychology 371, or an equivalent introductory statistics course and consent of the graduate adviser.
• 09600 W 400 - 700P SZB 344 RIEGLE-CRUMB, C

EDC 386R INTRO TO QUALITATIVE RESEARCH
An introduction to the theoretical and methodological issues central to conducting qualitative research studies. Designed to help students develop practical research skills, and includes opportunities to evaluate current research, analyze data, observe, and interview. Curriculum and Instruction 385G (Topic: Qualitative Research in Educational Settings) and 386R may not both be counted. Prerequisite: Graduate standing and admission to a Doctor of Education or a Doctor of Philosophy degree program.
• 09605 TH 400 - 700P SZB 344 PETROSINO, A

EDC 387R 3-SURVEY RESEARCH METHODS
Course number may be repeated for credit when the topics vary. Curriculum and Instruction 385G (Topic: Survey Research Methods) and 387R (Topic 3) may not both be counted. Prerequisite: Graduate standing, Curriculum and Instruction 385R, and admission to a Doctor of Education or Doctor of Philosophy degree program.
• 09610 T 400 - 700P SZB 434 KEATING, X

EDC 388R 3-EDUCATIONAL ETHNOGRAPHY
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Curriculum and Instruction 385H (Topic: Ethnographic and Qualitative Research Methods), 388R (Topic: Educational Ethnography), 388R (Topic 3). Prerequisite: Graduate standing, Curriculum and Instruction 386R, and admission to a Doctor of Education or a Doctor of Philosophy degree program.
• 09615 W 400 - 700P SZB 526 ADAIR, J

EDC 390T CHILDREN'S LITERATURE
Course number may be repeated for credit when the topics vary. Various topics designed to help students analyze and improve instruction at one of the following levels: elementary school, secondary school, higher education, all-level. Prerequisite: Graduate standing.
• 09620 M 400 - 700P SZB 442

9-BILINGUAL EDUCATION
Course number may be repeated for credit when the topics vary. Various topics designed to help students analyze and improve instruction at one of the following levels: elementary school, secondary school, higher education, all-level. Prerequisite: Graduate standing.
• 09625 T 400 - 700P SZB 442 ALVAREZ, A

21-INSTRUCTIONAL SYSTEMS DSGN
Course number may be repeated for credit when the topics vary. Various topics designed to help students analyze and improve instruction at one of the following levels: elementary school, secondary school, higher education, all-level. Provides an overview of the theoretical frameworks, current trends, and common concerns associated with the design and development of instructional materials. Investigates the theoretical, practical, and critical perspectives on instructional design as applicable in a variety of educational contexts (K-12 education, higher education, and corporate training) and modes (face-to-face, online, and hybrid environments). Includes readings, discussions, real-world design, practical applications, and interactions with instructional design experts. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 09630 W 400 - 700P SZB 240 LIU, M

42-RSCH ON TEACHING PHYS EDUC
Course number may be repeated for credit when the topics vary. Various topics designed to help students analyze and improve instruction at one of the following levels: elementary school, secondary school, higher education, all-level. An examination of past and current research on teaching, teachers, and curriculum in physical education. Empirical and conceptual scholarship related to the physical education teaching process, the preparation of teachers and their experiences, and the development of curriculum in physical education settings will be explored. Prerequisite: Graduate standing.
• 09635 TH 400 - 700P SZB 442 HARRISON, L

43-FOUNDTNS OF LEARNING TECH
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Various topics designed to help students analyze and improve instruction at one of the following levels: elementary school, secondary school, higher education, all-level. Introduces students to the field of learning technology by learning its history, as well as the learning theories, paradigms, thought leaders, trends, and issues that have shaped the field. Primarily web-based and involves both individual and collaborative work. Online class meetings will be held every two to three weeks to facilitate real-time discussions on the readings, as well as opportunities for interaction with visiting experts in the field. Curriculum and Instruction 390T (Topic: Foundations of Learning Technology) and 390T (Topic 43) may not both be counted. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 09640 TH 400 - 700P SZB 518C RESTA, P

EDC 395K ENVIR EDUC FOR YOUNG CHILDREN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 09645 W 400 - 700P SZB 442 NXUMALO, F

EDC 196 9-PHYS EDUCATION TEACHER EDUC
Course number may be repeated for credit when the topics vary. Research projects and creative investigations in a selected subject-field and developments in instructional practices and in research findings and methodologies. Offered at the following levels: elementary school, secondary school, higher education, all-level. Prerequisite: Graduate standing, and admission to candidacy for the doctoral degree or consent of instructor.
• 09650 F 100 - 300P SZB 442 CASTELLI, D

EDC 196T DIR RSCH IN CURRIC AND INSTRUC
Hour(s) to be arranged. May be repeated for credit. Investigation of assigned problems under the direction of a Graduate Studies Committee member; development and demonstration of competence in research design and execution; production of acceptably written reports of a technical character. Prerequisite: Graduate standing and consent of instructor.
• 09655

EDC 396T DIR RSCH IN CURRIC AND INSTRUC
Hour(s) to be arranged. May be repeated for credit. Investigation of assigned problems under the direction of a Graduate Studies Committee member; development and demonstration of competence in research design and execution; production of acceptably written reports of a technical character. Prerequisite: Graduate standing and consent of instructor.
• 09660

EDC 197V INDEPENDENT STUDY
Hour(s) to be arranged. May be repeated for credit. May involve syntheses of literature, field investigations on selected subjects, or other individual research subjects. May be taken for credit five times. Prerequisite: Graduate standing and twelve semester hours of graduate education coursework.
• 09665

EDC 397V INDEPENDENT STUDY
Hour(s) to be arranged. May be repeated for credit. May involve syntheses of literature, field investigations on selected subjects, or other individual research subjects. May be taken for credit five times. Prerequisite: Graduate standing and twelve semester hours of graduate education coursework.
• 09670

EDC 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in curriculum and instruction and consent of the supervising professor and the graduate adviser; for 698B, Curriculum and Instruction 698A.
• 09675

EDC 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in curriculum and instruction and consent of the supervising professor and the graduate adviser; for 698B, Curriculum and Instruction 698A.
• 09680

EDC 398P GRADUATE INTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Supervised practice in a professional position. May be taken five times for credit. Prerequisite: Graduate standing and admission to approved internship program.
• 09685

EDC 698P GRADUATE INTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Supervised practice in a professional position. May be taken five times for credit. Prerequisite: Graduate standing and admission to approved internship program.
• 09690

course unique days time room instructor

GRADUATE INTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Supervised practice in a professional position. May be taken five times for credit. Prerequisite: Graduate standing and admission to approved internship program. Restricted to students in the UTeach Urban Teachers Master with Secondary English Certification program.
• 09695

EDC 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in curriculum and instruction and consent of the graduate adviser.
• 09700

EDC 398T SUPV TEACH IN CURRIC AND INSTR
Restricted enrollment; contact the department for permission to register for this class. Supervised college teaching experience. Prerequisite: Graduate standing and appointment as a teaching assistant or an assistant instructor.
• 09705 F 100 - 400P SZB 424 SKERRETT, A

SUPV TEACH IN CURRIC AND INSTR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised college teaching experience. Prerequisite: Graduate standing and appointment as a teaching assistant or an assistant instructor.
• 09710

EDC 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 09715

EDC 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 09720

EDC 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 09725

EDC 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Curriculum and Instruction 399R, 699R, or 999R; approved dissertation proposal must be on file with the graduate adviser.
• 09730

EDC 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Curriculum and Instruction 399R, 699R, or 999R; approved dissertation proposal must be on file with the graduate adviser.
• 09735

EDC 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Curriculum and Instruction 399R, 699R, or 999R; approved dissertation proposal must be on file with the graduate adviser.
• 09740

FLE 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Foreign Language Education 399R, 699R, or 999R.
• 09795

FLE 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Foreign Language Education 399R, 699R, or 999R.
• 09800

FLE 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Foreign Language Education 399R, 699R, or 999R.
• 09805

STM 385 KNOWING & LEARNING IN STEM ED
Different approaches to theorizing and studying science, technology, engineering, and mathematics (STEM) learning and epistemology and synthesis of the scientific basis of learning. A major research project will focus on studying students' thinking in a particular STEM related domain. Prerequisite: Graduate standing.
• 09860 M 400 - 700P SZB 344 AZEVEDO, F

STM 390 1-EQUITY IN STEM EDUC
Course number may be repeated for credit when the topics vary. In-depth study of issues that are central to understanding and improving STEM education at one of the following levels: elementary school, secondary school, higher education, or all-level. Study of the meaning of equity in STEM education and how interpretations align with frameworks for viewing equity. Research, practice, and strategies designed to make STEM education equitable for students of diverse genders, ethnicities, linguistic and cultural backgrounds, socioeconomic status, and physical and learning abilities. History of multicultural education, mathematics, and science teaching for social justice. Prerequisite: Graduate standing.
• 09865 T 400 - 700P SZB 312 VAKIL, S

STM 390T RSCH ON PK-8 STEAM TCHG/LRNG
Course number may be repeated for credit when the topics vary. Advanced investigations of selected topics and critical issues in STEM education aligned with STEM education faculty research interests. Students will typically produce a product (paper, presentation, proposal) that can be submitted to professional or funding agencies. Prerequisite: Graduate standing.
• 09870 TH 400 - 700P SZB 312 MADKINS, T

STM 196T DIR RSCH IN STEM EDUCATION
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing.
• 09875

STM 396T DIR RSCH IN STEM EDUCATION
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing.
• 09880

STM 197V INDEPENDENT STUDY
Hour(s) to be arranged. May be repeated for credit. Involves syntheses of literature, field investigations on selected topics, or other individual research topics. Prerequisite: Graduate standing.
• 09885

STM 397V INDEPENDENT STUDY
Hour(s) to be arranged. May be repeated for credit. Involves syntheses of literature, field investigations on selected topics, or other individual research topics. Prerequisite: Graduate standing.
• 09890

STM 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Science-Mathematics Education 698 and Science, Technology, Engineering, and Mathematics Education 698 may not both be counted. Prerequisite: For 698A, graduate standing in science, technology, engineering, and mathematics education and consent of the graduate adviser; for 698B, Science, Technology, Engineering, and Mathematics Education 698A.
• 09895

STM 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Science-Mathematics Education 698 and Science, Technology, Engineering, and Mathematics Education 698 may not both be counted. Prerequisite: For 698A, graduate standing in science, technology, engineering, and mathematics education and consent of the graduate adviser; for 698B, Science, Technology, Engineering, and Mathematics Education 698A.
• 09900

STM 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Science-Mathematics Education 398R and Science, Technology, Engineering, and Mathematics Education 398R may not both be counted. Restricted to master's students in science, technology, engineering, and mathematics education. Prerequisite: Graduate standing and consent of the graduate adviser.
• 09905

STM 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Science-Mathematics Education 399R, 699R, 999R and Science, Technology, Engineering, and Mathematics Education 399R, 699R, 999R may not both be counted. Prerequisite: Graduate standing; consent of the graduate adviser; and admission to candidacy for the doctoral degree in science, technology, engineering, and mathematics education.
• 09910

STM 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Science-Mathematics Education 399R, 699R, 999R and Science, Technology, Engineering, and Mathematics Education 399R, 699R, 999R may not both be counted. Prerequisite: Graduate standing; consent of the graduate adviser; and admission to candidacy for the doctoral degree in science, technology, engineering, and mathematics education.
• 09915

STM 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Science-Mathematics Education 399R, 699R, 999R and Science, Technology, Engineering, and Mathematics Education 399R, 699R, 999R may not both be counted. Prerequisite: Graduate standing; consent of the graduate adviser; and admission to candidacy for the doctoral degree in science, technology, engineering, and mathematics education.
• 09920

STM 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Science-Mathematics Education 399W, 699W, 999W and Science, Technology, Engineering, and Mathematics Education 399R, 699R, 999R may not both be counted. Prerequisite: Science, Technology, Engineering, and Mathematics Education 399R, 699R, or 999R.
• 09925

STM 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Science-Mathematics Education 399W, 699W, 999W and Science, Technology, Engineering, and Mathematics Education 399R, 699R, 999R may not both be counted. Prerequisite: Science, Technology, Engineering, and Mathematics Education 399R, 699R, or 999R.
• 09930

April 3, 2018

course unique days time room instructor

STM 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Science-Mathematics Education 399W, 699W, 999W and Science, Technology, Engineering, and Mathematics Education 399R, 699R, 999R may not both be counted. Prerequisite: Science, Technology, Engineering, and Mathematics Education 399R, 699R, or 999R.
• 09935

DEPARTMENT OF EDUCATIONAL LEADERSHIP AND POLICY

Educational Leadership and Policy - ELP

ELP 381C EDUCATION RESEARCH I
Explores educational research paradigms and epistemologies; introductionto basic educational research design decisions such as when to use qualitative, quantitative, or mixed-methods, the differences in these approaches and strengths each approach brings to the research endeavor. Educational Administration 381L and Educational Leadership and Policy 381C may not both be counted. Prerequisite: Graduate standing.
• 09990 W 400 - 700P SZB 376 CHILDS, J

ELP 383N GRADUATE INTERNSHIP
May be repeated for credit. Supervised practice in a professional position. Only one of the following may be counted: Educational Administration 397P, 697P, 997P, 397Q, 697Q, 997Q, Educational Leadership and Policy 183N, 383N, 683N, 983N. Prerequisite: Graduate standing and consent of instructor.
• 09995

ELP 384D ADMIN OF INDIVIDUAL SCHOOL
Designed to accommodate 35 or fewer students. Organization, direction, management, and leadership for the program of asingle school. Educational Administration 382T and Educational Leadership and Policy 384D may not both be counted. Prerequisite: Graduate standing and enrollment in the principalship program in educational leadership and policy.
• 10000 S 900 - 1200 SZB 330 HESTER, D

ELP 384F FNDTNS OF EDUCATNAL POLICY
Introduction to the history of the American educational system. Considers historical, economic, social, and political precedents when examining contemporary educational policy. Emphasis on policies related to race, ethnicity, class, and gender, and the recurring nature of controversial issues related to language, segregation, funding, and accountability. Educational Administration 395F and Educational Leadership and Policy 384F may not both be counted. Prerequisite: Graduate standing.
• 10005 T 100 - 400P SZB 376 VALENZUELA, A

ELP 384Q LEADING FOR EQY JUS IN K-12
Explores development of leadership capacity to lead high-achieving, equitable, and socially just schools for all students in integrated ways, especially for students who have been traditionally underserved. Focus on research-based leadership practices for addressing inequities and ways to develop schools that give all students equitable opportunityfor high academic achievement. Educational Administration 395E and Educational Leadership and Policy 384Q may not both be counted. Prerequisite: Graduate standing and enrollment in the principalship program in Educational Leadership and Policy.
• 10010 W 400 - 700P SZB 330 GREEN, T

ELP 384T SCH IMPRV: INSTR LDRSHP/DEV
Designed to provide prospective school leaders with the conceptual, technical, and human-interaction skills necessary for school improvement. Focus on knowledge, principles, problems, and issues related to instructional leadership. Examines instructional supervision theory, goals, functions, supervisory models, and strategies that enhance teaching and learning. Educational Administration 385C and Educational Leadership and Policy 384T may not both be counted. Prerequisite: Graduate standing and enrollment in the principalship program in Educational Leadership and Policy.
• 10015 W 700 - 1000P SZB 364 HESTER, D

ELP 384V POVERTY AND EDUCATION POLICY
The social context of education, the development and expansion of concentrated poverty in central-city schools, and the relationship between poverty and educational performance as it affects schoolchildren and parents in closely related fields such as welfare, housing, employment and training, health care, food assistance, and day care. Educational Administration 395J and Educational Leadership and Policy 384V may not both be counted. Prerequisite: Graduate standing. meets with P A 388K.
• 10020 M 100 - 400P SZB 376 HOLME, J

ELP 385R ORG AND ADMIN OF HIGHER EDUC
Introduction to the study of higher education organizations. Analysis ofall elements of higher education institutions, with particular attentionto structure and governance. Educational Administration 391R and Educational Leadership and Policy 385R may not both be counted. Prerequisite: Graduate standing.
• 10025 M 100 - 400P SZB 286 SHARPE, E
• 10030 W 400 - 700P SZB 380 SHARPE, E

ELP 385T STUDENT AFFAIRS IN HIGHER ED
Designed to accommodate 35 or fewer students. Examination of the rationale for student affairs professions and the various administrative units involved in carrying out their mission. Educational Administration 391P and Educational Leadership and Policy 385T may not both be counted. Prerequisite: Graduate standing.
• 10035 T 100 - 400P SZB 434 TAYLOR, B
• 10040 T 400 - 700P SZB 240 GONZALES, J

ELP 390E ECONOMICS AND FINANCE
Designed to accommodate 35 or fewer students. Survey of the theoretical and empirical literature related to the economic context of and finance policy within K-12 or higher education institutions. Separate K-12 and higher education sections are taught. Covers a wide range of concepts, processes, and policies, such as patterns of financing educational institutions; federal, state, and local governmental roles; revenue sources; costs; benefits; equity; efficiency; budgeting; and finance policy implementation. Educational Administration 388E and Educational Leadership and Policy 390E may not both be counted. Prerequisite: Graduate standing.
• 10045 TH 100 - 400P SZB 364 JABBAR, H

ECONOMICS AND FINANCE
Survey of the theoretical and empirical literature related to the economic context of and finance policy within K-12 or higher education institutions. Separate K-12 and higher education sections are taught. Covers a wide range of concepts, processes, and policies, such as patterns of financing educational institutions; federal, state, and local governmental roles; revenue sources; costs; benefits; equity; efficiency; budgeting; and finance policy implementation. Educational Administration 388E and Educational Leadership and Policy 390E may not both be counted. Prerequisite: Graduate standing.
• 10050 T 100 - 400P SZB 364 SCHUDDE, L

ELP 390F SCHOOL FINANCE AND ETHICS
A study of public school finance, including budgeting and accounting, encompassing historical and current trends and legal issues. An in-depthexamination of state school finance for educational leaders addressing legal and ethical issues and strategic planning that impact the operation of public schools will be addressed. The principal issues thatare examined are why education is worthy of funding, who contributes to that funding, and in what proportions, and how the funding is raised in adequate amounts and equitably distributed. Current trends in Texas school finance and what the future holds for education finance will also be examined. Prerequisite: Graduate standing.
• 10055 TH 400 - 700P SZB 376

ELP 390P EDUCTNL POLITICS AND POLICY
Survey of theoretical and empirical literature related to educational politics and policy concerning K-12 or higher education institutions, including political systems theory, intergovernmental relations, power and conflict, community relations and intergroup theory, and policies dealing with equity, quality, efficiency, and choice. Educational Administration 388P and Educational Leadership and Policy 390P may not both be counted. Prerequisite: Graduate standing. Restricted to students in the Cooperative Superintendency program.
• 10060 TH 100 - 400P SZB 376 REYES, P

EDUCTNL POLITICS AND POLICY
Survey of theoretical and empirical literature related to educational politics and policy concerning K-12 or higher education institutions, including political systems theory, intergovernmental relations, power and conflict, community relations and intergroup theory, and policies dealing with equity, quality, efficiency, and choice. Educational Administration 388P and Educational Leadership and Policy 390P may not both be counted. Prerequisite: Graduate standing. Restricted to students in the Educational Policy and Planning and Higher Education Leadership programs.
• 10065 TH 400 - 700P SZB 364 SHARPE, E

ELP 391E EPISTEMOLOGIES ED RESEARCH
Introduction to the range of different epistemological perspectives thatare used in the conduct of social science research, including the scientific method/positivism, postpositivism, interpretivism, postmodernism, critical theory, race-based and culture-based perspectives, and feminisms. Educational Administration 387Q and Educational Leadership and Policy 391E may not both be counted. Prerequisite: Graduate standing.
• 10070 M 400 - 700P SZB 364 REDDICK, R
• 10075 M 400 - 700P SZB 376 GREEN, T

ELP 391Q QUAL RSCH DESIGN/ANALYSIS
Introduction to the utilization of theoretical frames; research questions or focus, and literature reviews; ethical issues; research design; research methods; data analysis; representations of data; interpretation of data; trustworthiness; implications; and strengths andlimitations in the conduct of qualitative research. Educational Administration 381Q and Educational Leadership and Policy 391Q may not both be counted. Prerequisite: Graduate standing and Educational Leadership and Policy 391E.
• 10080 W 400 - 700P SZB 422
• 10085 W 400 - 700P SZB 426 JABBAR, H

ELP 392P ADV QUANTITATIVE DSGN/ANLYS
Integrated coverage of advanced quantitative methods for education research. A conceptual approach with an emphasis on reading and writing research results sections. Subjects include missing data techniques and statistical procedures, such as linear regression, multiple regression, ANCOVA, logistic regression, and exploratory factor analysis, among other topics. Educational Administration 383 (Topic: ADV QUANTITATIVE RSCH AND ANLY) and Educational Leadership and Policy 392P may not both be counted. Prerequisite: Graduate standing, Educational Leadership and Policy 391E and 391P.
• 10090 W 100 - 400P SZB 364 SCHUDDE, L

ELP 193R RESEARCH APPRENTICESHIP
Group and individual projects in research design, research methodologies, and research execution. Only one of the following may be counted: Educational Administration 196, 296, 396, Educational Leadership and Policy 193R, 393R, 693R, 993R. Prerequisite: Graduate standing and consent of instructor.
• 10095

ELP 393R RESEARCH APPRENTICESHIP
Group and individual projects in research design, research methodologies, and research execution. Only one of the following may be counted: Educational Administration 196, 296, 396, Educational Leadership and Policy 193R, 393R, 693R, 993R. Prerequisite: Graduate standing and consent of instructor.
• 10100

ELP 393S SUPERINTENDENT PRACTICUM
Group and individual studies of research literature; execution of investigative projects and reports of research. Educational Administration 383 (Topic: PRACT IN PUBLIC SCH ADMIN-CSP) and Educational Leadership and Policy 393S may not both be counted. Prerequisite: Graduate standing and enrollment in the Cooperative Superintendency Program (CSP) in educational leadership and policy.
• 10105 OLIVAREZ, R
• 10110 PRINGLE, P

ELP 394C SCHOOL DSTRCT ADMIN FUNC I
Focus on school district governance and the in depth the relationship ofthe superintendent and board of trustees and their respective roles according to the Texas Education Code. Investigates school facility planning and plant management, including the financing of facilities andthe most up to date designs that enhances learning. Explores the function of human resources with a focus on recruitment, selection, and professional development of school district staff as well as important legal implications affecting district personnel. Only one of the following may be counted: Educational Administration 383(Topic: SCHOOL DSTRCT ADMN FNCTNS I), 385, 685 (Topic 6), and Educational Leadership and Policy 394C, 694C. Prerequisite: Graduate standing and enrollment in the Cooperative Superintendency Program (CSP) in educational leadership and policy.
• 10115 TH 400 - 700P SZB 380 PRINGLE, P
• 10120 TH 400 - 700P SZB 323 SOMERS, P

ELP 394E CAPSTONE: POLICY RSRCH PROB
Advanced seminar designed to help students develop research plans specifically for either a research proposal or a long-range research agenda. Educational Administration 395K and Educational Leadership and Policy 394E may not both be counted. Prerequisite: Graduate standing.
• 10125 T 100 - 400P SZB 360A REYES, P

ELP 394K ADV SEM: NETWORKS IN EDU
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 10130 W 900 - 1200 SZB 364 CHILDS, J

CONTEMP ISSUES EDUC POLICY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 10135 M 400 - 700P SZB 380

RACE/ETHIC RELATIONS IN SCH
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with MAS 392.
• 10140 T 400 - 700P SZB 376 VALENZUELA, A

3-PLACE/OPPORTUNITY/EDUCATION
Course number may be repeated for credit when the topics vary. Explores the relationship between social context or "place"; opportunitystructures (i.e. physical and social structures that mediate access to opportunities (i.e. services, institutions, labor markets, etc.)), and outcomes in education. Educational Administration 394D and Educational Leadership and Policy 394K (Topic 3) may not both be counted. Prerequisite: Graduate standing.
• 10145 TH 100 - 400P SZB 364 HOLME, J

ELP 394L SCHOOL LAW
Legal bases for organizing and administering public and private school systems; statutes and court decisions affecting educational functions; administrative legal issues pertaining to various functions of school districts. Educational Administration 388L and Educational Leadership and Policy 394L may not both be counted. Prerequisite: Graduate standing.
• 10150 TH 100 - 400P SZB 434 CANTU, N

ELP 394N SCHL DIST INSTR LEADERSHIP
Connects educational leadership theories with teachers, teaching and student learning, understanding moral and ethical leadership, and building cultural competencies and practices across the school district. Explores common core standards, instructional frameworks, and content-specific instructional practices; differentiated instruction; and assessments of student learning. Prerequisite: Graduate standing and enrollment in the Cooperative Superintendency Program (CSP) in educational leadership and policy.
• 10155 TH 900 - 1200 SZB 376 OLIVAREZ, R

ELP 395C CAPSTONE: ADV ISS HIGHER ED
Designed as a capstone experience for doctoral students in the Program in Higher Education Leadership. Examines current issues in higher education from a practical and administrative perspective. Educational Administration 391F and Educational Leadership and Policy 395C may not both be counted. Prerequisite: Graduate standing and consent of graduate adviser.
• 10160 TH 400 - 700P SZB 323 SOMERS, P

ELP 395H HISTORY OF HIGHER EDUCATION
The development of higher education since the Middle Ages, with emphasison the development of higher education in the United States. Educational Administration 391S and Educational Leadership and Policy 395H may not both be counted. Prerequisite: Graduate standing.
• 10165 W 400 - 700P SZB 364 REDDICK, R

ELP 395K CRIT THEORIES IN HIGHER ED
Course number may be repeated for credit when the topics vary. Administrative organization, functions, and practices within colleges and universities; roles of the administrator and principles of effectiveadministrative practice; intensive study in selected areas of college operation. Prerequisite: Graduate standing.
• 10170 W 100 - 400P BUKOSKI, B

ENROLLMENT MANAGEMENT
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Administrative organization, functions, and practices within colleges and universities; roles of the administrator and principles of effectiveadministrative practice; intensive study in selected areas of college operation. Prerequisite: Graduate standing.
• 10175 M 400 - 700P FAC 211.D ALVARADO, C

4-GENDER IN HIGHER EDUCATION
Course number may be repeated for credit when the topics vary. Administrative organization, functions, and practices within colleges and universities; roles of the administrator and principles of effectiveadministrative practice; intensive study in selected areas of college operation. Examination of gender within higher education contexts. Educational Administration 391K (Topic 15) and Educational Leadership and Policy 395K (Topic 4) may not both be counted. Prerequisite: Graduate standing.
• 10180 T 400 - 700P SZB 323 SOMERS, P

5-EQUITY DIVERSITY HIGHER EDU
Course number may be repeated for credit when the topics vary. Administrative organization, functions, and practices within colleges and universities; roles of the administrator and principles of effectiveadministrative practice; intensive study in selected areas of college operation. Examines the legal, educational and public policy issues related to college access, educational equity, and racial/ethnic diversity in American higher education. Educational Administration 391K (Topic 17) and Educational Leadership and Policy 395K (Topic 5) may not both be counted. Prerequisite: Graduate standing.
• 10185 T 100 - 400P GARCES, L

11-CRIT CONSCSNESS IN HIGH EDU
Course number may be repeated for credit when the topics vary. Administrative organization, functions, and practices within colleges and universities; roles of the administrator and principles of effectiveadministrative practice; intensive study in selected areas of college operation. Introduction to foundational historical and theoretical issues for the critical study of higher education diversity work. Examines the ways institutions of higher education and student affairs areas enact change around issues of difference, identity, oppression, and social justice. Integrates questions of identity with those of social justice, and explores understanding self and others. Educational Administration 391K (Topic 5) and Educational Leadership andPolicy 395K (Topic 11) may not both be counted. Prerequisite: Graduate standing.
• 10190 T 400 - 700P SZB 286 BUKOSKI, B

ELP 395L HIGHER EDUCATION LAW
Legal principles relevant to postsecondary institutions. Emphasis on statutes and cases applicable to both public and private institutions; interpretation and compliance. Educational Administration 391T and Educational Leadership and Policy 395L may not both be counted. Prerequisite: Graduate standing.
• 10195 TH 400 - 700P SZB 284 GARCES, L

ELP 395S SYSTEMS OF HIGHER EDU
Introduction to the systems of American higher education. Overview of literature on historical and contemporary issues facing the system of American higher education. Educational Administration 390S and Educational Leadership and Policy 395S may not both be counted. Prerequisite: Graduate standing.
• 10200 M 100 - 400P SZB 364 SAENZ, V

ELP 399K TREATISE
Offered on the credit/no credit basis only. Educational Administration 399K, 699K, 999K and Educational Leadership and Policy 399K, 699K, 999K may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree. Prior to registering, students must obtain University of Texas at Austin Institutional Review Board approval for research involving human subjects.
• 10205

ELP 699K TREATISE
Offered on the credit/no credit basis only. Educational Administration 399K, 699K, 999K and Educational Leadership and Policy 399K, 699K, 999K may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree. Prior to registering, students must obtain University of Texas at Austin Institutional Review Board approval for research involving human subjects.
• 10210

ELP 999K TREATISE
Offered on the credit/no credit basis only. Educational Administration 399K, 699K, 999K and Educational Leadership and Policy 399K, 699K, 999K may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree. Prior to registering, students must obtain University of Texas at Austin Institutional Review Board approval for research involving human subjects.
• 10215

ELP 399L TREATISE
Offered on the credit/no credit basis only. May be repeated for credit. Educational Administration 399L, 699L, 999L and Educational Leadership and Policy 399L, 699L,

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999L may not both be counted. Prerequisite: Educational Administration 399K, 699K, 999K or EducationalLeadership and Policy 399K, 699K, 999K.
• 10220

ELP 699L TREATISE
Offered on the credit/no credit basis only. May be repeated for credit. Educational Administration 399L, 699L, 999L and Educational Leadership and Policy 399L, 699L, 999L may not both be counted. Prerequisite: Educational Administration 399K, 699K, 999K or EducationalLeadership and Policy 399K, 699K, 999K.
• 10225

ELP 999L TREATISE
Offered on the credit/no credit basis only. May be repeated for credit. Educational Administration 399L, 699L, 999L and Educational Leadership and Policy 399L, 699L, 999L may not both be counted. Prerequisite: Educational Administration 399K, 699K, 999K or EducationalLeadership and Policy 399K, 699K, 999K.
• 10230

ELP 399P DIRECTED RESEARCH IN ELP
May be repeated for credit. Investigation of assigned problems under direction of a Graduate StudiesCommittee member; development and demonstration of competence in research design and execution; production of acceptably written reports of a technical character. Educational Administration 396T and Educational Leadership and Policy 199P, 399P, 699P, 999P may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 10235

ELP 399R DISSERTATION
Offered on the credit/no credit basis only. Educational Administration 399R, 699R, 999R and Educational Leadership and Policy 399R, 699R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree. Prior to registering, students must obtain University of Texas at Austin Institutional Review Board approval for research involving human subjects.
• 10240

ELP 699R DISSERTATION
Offered on the credit/no credit basis only. Educational Administration 399R, 699R, 999R and Educational Leadership and Policy 399R, 699R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree. Prior to registering, students must obtain University of Texas at Austin Institutional Review Board approval for research involving human subjects.
• 10245

ELP 999R DISSERTATION
Offered on the credit/no credit basis only. Educational Administration 399R, 699R, 999R and Educational Leadership and Policy 399R, 699R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree. Prior to registering, students must obtain University of Texas at Austin Institutional Review Board approval for research involving human subjects.
• 10250

ELP 399W DISSERTATION
Offered on the credit/no credit basis only. Educational Administration 399W, 699W, 999W and Educational Leadership and Policy 399W, 699W, 999W may not both be counted. Prerequisite: Educational Leadership and Policy 399R, 699R, or 999R.
• 10255

ELP 699W DISSERTATION
Offered on the credit/no credit basis only. Educational Administration 399W, 699W, 999W and Educational Leadership and Policy 399W, 699W, 999W may not both be counted. Prerequisite: Educational Leadership and Policy 399R, 699R, or 999R.
• 10260

ELP 999W DISSERTATION
Offered on the credit/no credit basis only. Educational Administration 399W, 699W, 999W and Educational Leadership and Policy 399W, 699W, 999W may not both be counted. Prerequisite: Educational Leadership and Policy 399R, 699R, or 999R.
• 10265

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY

Educational Psychology - EDP

EDP 304 STRTGC LEARNING FOR 21ST CN
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Explores a wide range of subjects in educational psychology that impact student learning, including theories of cognition and motivation, and applies them to academic work. Covers strategies to improve student academic performance. Only one of the following may be counted: Educational Psychology 304; 110, 210, 310 (Topic 1); 110, 210, 310 (Topic 4); 110, 210, 310 (Topic 5).
• 10320 TTH 930 - 1100 SZB 416 BUSH-RICHARDS, A

STRTGC LEARNING FOR 21ST CN
Offered on the letter-grade basis only. Explores a wide range of subjects in educational psychology that impact student learning, including theories of cognition and motivation, and applies them to academic work. Covers strategies to improve student academic performance. Only one of the following may be counted: Educational Psychology 304; 110, 210, 310 (Topic 1); 110, 210, 310 (Topic 4); 110, 210, 310 (Topic 5).
• 10325 TTH 930 - 1100 SZB 422
• 10330 TTH 1100 - 1230P SZB 416

STRTGC LEARNING FOR 21ST CN
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Explores a wide range of subjects in educational psychology that impact student learning, including theories of cognition and motivation, and applies them to academic work. Covers strategies to improve student academic performance. Only one of the following may be counted: Educational Psychology 304; 110, 210, 310 (Topic 1); 110, 210, 310 (Topic 4); 110, 210, 310 (Topic 5).
• 10335 TTH 1100 - 1230P SZB 268

STRTGC LEARNING FOR 21ST CN
Offered on the letter-grade basis only. Explores a wide range of subjects in educational psychology that impact student learning, including theories of cognition and motivation, and applies them to academic work. Covers strategies to improve student academic performance. Only one of the following may be counted: Educational Psychology 304; 110, 210, 310 (Topic 1); 110, 210, 310 (Topic 4); 110, 210, 310 (Topic 5).
• 10340 TTH 1230 - 200P SZB 416
• 10345 TTH 1230 - 200P SZB 422
• 10350 TTH 200 - 330P SZB 416
• 10355 TTH 200 - 330P SZB 422
• 10360 TTH 330 - 500P SZB 416

EDP 308 STATS REASONING/LITERACY
Introduction to statistical applications and their interpretation in daily life. Covers principles of gathering and analyzing data, and interpreting analysis results in order to critically evaluate findings reported in the media and social science research. Explores basic statistical analyses, and skills needed for informed research consumerism.
• 10365 MW 1230 - 200P SZB 370
• 10370 TTH 1230 - 200P SZB 296

EDP 316 INTERGROUP DIALOGUE
Offered on the letter-grade basis only. Group discussion of the definitions and implications of social identities. Topics may include gender, race, ethnicity, religion, sexualorientation, physical ability, and age. Only one of the following may be counted: Educational Psychology 210 (Topic: Intergroup Dialogue), 210 (Topic 3), 310 (Topic 3), and 216, 316, 416.
• 10375 W 300 - 600P SZB 416

EDP 318T BLACK INTEGRATION AT UT
Course number may be repeated for credit when the topics vary. Issues, research, and topics of contemporary interest in various areas of educational psychology and the behavioral sciences that may vary fromsemester to semester. meets with AFR 317D.
• 10380 TTH 930 - 1100 BUR 214 BURT, B

5-INTRO TO CAREER PLANNING
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Issues, research, and topics of contemporary interest in various areas of educational psychology and the behavioral sciences that may vary fromsemester to semester. Introduction to social science models of career development and perspectives of work as a culturally-mediated artifact of human society.Discussion of how social scientists use data about individual characteristics and jobs to help people optimize career choices. Group and individual project-based assessments will provide opportunities to apply learned concepts to students's own career planning. Partially taught as a Web-based course.
• 10385 MW 1200 - 100P SZB 435 MCCARTHY, C
F 1200 - 100P

EDP 350E INTRO: LIFE SPAN DEVELOPMENT
Explores theories of personality, as well as research and literature on mental health and character development, applying principles and theories to the educative enterprise. Covers application of personality theory to the guidance of children and youth. Study of physical, social,and cognitive development in humans. Only one of the following may be counted: Educational Psychology 350E, 363M (Topic: Introduction to Life Span Development), and 363M (Topic 6). Prerequisite: Upper-division standing recommended.
• 10390 TTH 330 - 500P SZB 370

EDP 350G ADOLESCENT DEVELOPMENT
Addresses contemporary adolescent development in relation to major transitions, contextual influences, and psychosocial tasks. Covers adolescent identity development, with focus on the education of adolescents. Only one of the following may be counted: Educational Psychology 350G, 363M (Topic: Adolescent Development), 363M (Topic 3). Prerequisite: Upper-division standing and six semester hours of upper-division coursework in education or behavioral sciences.
• 10395 TTH 930 - 1100 SZB 330 SUIZZO, M
• 10400 TTH 1230 - 200P SZB 435 FALBO, T

EDP 350L HUMAN SEXUALITY
Taught from a psychological perspective with attention to the physiological, emotional, and relationship dimensions of sexuality. Presents factual information and promotes scholarly examination of social and personal factors in developing healthy relationships and sexual expression. Educational Psychology 350L and 363 (Topic 3) may not both be counted. Prerequisite: Upper-division standing.
• 10405 MW 1100 - 1230P SZB 104 DALEY, N
• 10410 TTH 1100 - 1230P SZB 104 BROWNSTEIN, L
• 10415 MW 1230 - 200P SZB 104 DALEY, N
• 10420 TTH 1230 - 200P SZB 104 BROWNSTEIN, L
• 10425 MW 200 - 330P SZB 104 DALEY, N
• 10430 TTH 200 - 330P SZB 104 BROWNSTEIN, L
• 10435 TTH 330 - 500P UTC 3.112 PARENT, M

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course unique days time room instructor

EDP 352D INTRO INDIV COUN/PSYCHTHRPY
Nature of the counseling process, dynamics of behavior change, client-counselor roles and relationships; an experiencing of the group process as a basis for studying dynamics of individual and group behavior. Educational Psychology 352D and 367 (Topic 1) may not both be counted. Prerequisite: Upper-division standing.
• 10440 MW 1100 - 1230P JGB 2.216 MOORE, L

EDP 352K MINDFULNESS/COMPASSION/SELF
Designed to accommodate 100 or more students. Subjects include mindfulness, self-compassion, well-being, and self-concept. Only one of the following may be counted: Educational Psychology 352K, 362 (Topic 8), and 362 (Topic: Mindfulness, Compassion, and the Self). Prerequisite: Upper-division standing and completion of three semester hours of coursework in behavioral sciences.
• 10445 M 400 - 700P UTC 4.132 NEFF, K

EDP 354J PSYCHOLOGY OF RACE/RACISM
Review of the history and evolution of the construct of race as a psychological and social phenomenon. Multidisciplinary but primarily social-psychological approach: in addition to readings from psychology, ideas in the areas of anthropology, sociology, and biology will be discussed. Emphasis on theoretical and conceptual approaches toward understanding the psychology of racial thinking. Only one of the following may be counted: African and African Diaspora Studies 372D (Topic 1), 374D (Topic: Psychology of Race and Racism), Educational Psychology 354J, 362 (Topic 6: Psychology of Race and Racism), 362 (Topic: Psychology of Race and Racism). Prerequisite: Upper-division standing. same as AFR 372D (TOPIC 1).
• 10450 TTH 930 - 1100 UTC 1.104 AWAD, G

EDP 371 INTRODUCTION TO STATISTICS
Designed to accommodate 100 or more students. Additional hour(s) to be arranged. Measures of central tendency and variability; correlation and regression; probability and statistical inference; analysis of variance;nonparametric statistics. Only one of the following may be counted: Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301. A student may not earn credit for Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301 after having received credit for any of the following with a grade of at least C-: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, or 328M.
• 10455 TTH 930 - 1100 UTC 4.122 ISRANI, A

INTRODUCTION TO STATISTICS
Additional hour(s) to be arranged. Measures of central tendency and variability; correlation and regression; probability and statistical inference; analysis of variance;nonparametric statistics. Only one of the following may be counted: Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301. A student may not earn credit for Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301 after having received credit for any of the following with a grade of at least C-: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, or 328M.
• 10460 TTH 1100 - 1230P UTC 4.134 ISRANI, A

INTRODUCTION TO STATISTICS
Measures of central tendency and variability; correlation and regression; probability and statistical inference; analysis of variance;nonparametric statistics. Only one of the following may be counted: Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301. A student may not earn credit for Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301 after having received credit for any of the following with a grade of at least C-: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, or 328M.
• 10464 TTH 200 - 330P WAG 201

INTRODUCTION TO STATISTICS-WB
Hour(s) to be arranged. Measures of central tendency and variability; correlation and regression; probability and statistical inference; analysis of variance;nonparametric statistics. Only one of the following may be counted: Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301. A student may not earn credit for Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301 after having received credit for any of the following with a grade of at least C-: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, or 328M. Taught as a Web-based course. Mandatory exams held on-campus at the University of Texas at Austin in Austin, Texas.
• 10465 ISRANI, A

EDP 376T EMO/BEHAV DISORDERS: YOUTH/AD
Course number may be repeated for credit when the topics vary. Issues, research, and topics of contemporary interest in various areas of educational psychology and the behavioral sciences. Prerequisite: Prerequisites may vary with the topic.
• 10470 TTH 930 - 1100 SZB 370 BEARMAN, S

LATINA/O PSYCHOLOGY
Course number may be repeated for credit when the topics vary. Issues, research, and topics of contemporary interest in various areas of educational psychology and the behavioral sciences. Prerequisite: Prerequisites may vary with the topic. meets with MAS 374.
• 10475 TTH 1100 - 1230P PAR 308 LOPEZ, B

7-PEDIATRIC PSYCHOLOGY
Course number may be repeated for credit when the topics vary. Issues, research, and topics of contemporary interest in various areas of educational psychology and the behavioral sciences. Explanation of biological, psychological, and social foundations of pediatric conditions, as well as lifespan health conditions related to development in childhood. Explores pediatric health disparities, the intersection of psychology and public health, research methods used in the field of pediatric psychology, and assessment and intervention with children and families. Prerequisite: Prerequisites may vary with the topic. Additional prerequisite: Upper-division standing; six semester credit hours of coursework in behavioral sciences; consent of instructor. meets with EDP 382E (TOPIC 12).
• 10480 M 100 - 400P SZB 432 RODRIGUEZ, E

EDP 379L RESEARCH IN EDUCATIONAL PSYCH
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised research experience in educational psychology. Prerequisite: Upper-division standing, completion of twelve semester hours of upper-division coursework in behavioral sciences, and consent of instructor.
• 10485

EDP 380C 2-FUNDAMENTAL STATISTICS
Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Introductory course designed for students in the fields of education and the social, behavioral, and health sciences who expect to take a second course in statistics. Subjects include descriptive and inferential statistics; sampling distributions; hypothesis testing; correlation; linear prediction; tests of mean differences; tests of frequencies and proportions; and one-way analysis of variance. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. Educational Psychology 380C (Topic 2) and 180E (Topic 1), 280E (Topic 1), 380E (Topic 1) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization; additional prerequisites vary with thetopic.
• 10490 TTH 200 - 330P SZB 432 KANG, H

12-SURVEY: MULTIVARIATE MTHDS
Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Fundamentals of vector and matrix algebra; multivariate analysis of variance; principal components analysis and exploratory factor analysis;discriminant analysis; and logistic regression. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. Educational Psychology 380C (Topic 12) and Educational Psychology 182K (Topic 4), 282K (Topic 4), 382K (Topic 4), 482K (Topic 4) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization; additional prerequisites vary with thetopic. Additional prerequisite: Educational Psychology 380C (Topic 4) (or 182K (Topic 2), 282K (Topic 2), 382K (Topic 2), 482K (Topic 2)) and Educational Psychology 380C (Topic 6) (or 182K (Topic 1: Experimental Design and Statistical Inference), 282K (Topic 1: Experimental Design and Statistical Inference), 382K (Topic 1: Experimental Design and Statistical Inference), 482K (Topic 1: Experimental Design and Statistical Inference)), or consent of instructor.
• 10495 TTH 930 - 1100 SZB 444 PITUCH, K

14-STRUCT EQUATION MODELING
Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Provides the basic theoretical background necessary for the application of structural equation modeling to research problems including model specification, identification, path analysis, estimation, testing fit, respecification, confirmatory factor analysis, and issues concerning the interpretation of structural equation models. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. Educational Psychology 380C (Topic 14) and 182K (Topic 6), 282K (Topic 6), 382K (Topic 6), 482K (Topic 6) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization; additional prerequisites vary with thetopic. Additional prerequisite: Educational Psychology 380C (Topic 12), (or 182K (Topic 4), 282K (Topic 4), 382K (Topic 4), 482K (Topic 4)), or consent of instructor.
• 10500 TTH 200 - 330P SZB 444 WHITTAKER, T

16-HIERARCHICAL LINEAR MODLNG
Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Introduction to the basic concepts and applications of hierarchical linear models. Subjects include applications in contextual analysis, growth curve modeling, meta-analysis, and multilevel models for dichotomous outcomes. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. Educational Psychology 380C (Topic 16) and 184 (Topic 16), 284 (Topic 16), 384 (Topic 16) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization; additional prerequisites vary with thetopic. Additional prerequisite: Educational Psychology 380C (Topic 4) (or 182K (Topic 2), 282K (Topic 2), 382K (Topic 2), 482K (Topic 2)); and 380C (Topic 6) (or 184 (Topic 6: Data Analysis Using SAS), 284 (Topic 6: Data Analysis Using SAS), 384 (Topic 6: Data Analysis Using SAS)); or consentof instructor.
• 10505 TTH 1230 - 200P SZB 286 PITUCH, K

18-APPLIED BAYESIAN ANALYSIS
Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Practical introduction to Bayesian statistical inference with an emphasis on applications in behavioral and measurement research. Subjects include the conceptual differences between Bayesian and classical statistical inference and the differences between these approaches in the context of statistical procedures. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. Educational Psychology 380C (Topic 18) and 182K (Topic 10), 282K (Topic 10), 382K (Topic 10), 482K (Topic 10) may not both be counted. Prerequisite: Graduate standing

and consent of the adviser in the student's area of specialization; additional prerequisites vary with thetopic. Additional prerequisite: Educational Psychology 380C (Topic 4) (or 182K (Topic 2), 282K (Topic 2), 382K (Topic 2), 482K (Topic 2); and 380C (Topic 6) (or 182K (Topic 1: Experimental Design and Statistical Inference), 282K (Topic 1: Experimental Design and Statistical Inference), 382K (Topic 1: Experimental Design and Statistical Inference), 482K (Topic 1: Experimental Design and Statistical Inference)); or consent of instructor.

• 10510 MW 1230 - 200P ISRANI, A

22-ANALYSIS: CATEGORICAL DATA

Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Introduces basic concepts, common statistical models, and analysis methods for categorical data. Provides theory and examples of applications using categorical techniques. Subjects include inference methods for contingency tables, generalized linear models for binary and count data, logistic regression models, multicategory logit models, log-linear models for contingency tables, and models for matched pairs. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. Educational Psychology 380C, 480C (Topic 22) and 182K, 282K, 382K, 482K (Topic 5) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization; additional prerequisites vary with thetopic. Additional prerequisite: Educational Psychology 380C, 480C (Topic 4) and380C, 480C (Topic 6); or consent of instructor.

• 10515 W 100 - 400P SZB 444 KANG, H

EDP 480C 4-CORRELATION/REGRESSION MTHDS

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Examines tests of association; multiple regression, including multiple predictors of a single interval-scaled outcome; and related subjects such as regression models for mediation and moderation. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. Educational Psychology 380C (Topic 4) and Educational Psychology 182K (Topic 2), 282K (Topic 2), 382K (Topic 2), 482K (Topic 2) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization; additional prerequisites vary with thetopic. Additional prerequisite: Educational Psychology 380C (Topic 2), (or 180E(Topic 1), 280E (Topic 1), 380E (Topic 1)), or consent of instructor.

• 10520 TTH 1230 - 200P SZB 278 BERETVAS, S
TH 200 - 300P SZB 278

6-STAT ANALYSIS: EXPER DATA

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Subjects include hypothesis tests and data analysis procedures for a variety of experimental designs, including one-way analysis of variance;factorial analysis of variance; analysis of covariance; and repeated measures designs. Instruction in the use of statistical software is provided. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. Educational Psychology 380C (Topic 6) and 182K (Topic 1: Experimental Design and Statistical Inference), 282K (Topic 1: Experimental Design and Statistical Inference), 382K (Topic 1: Experimental Design and Statistical Inference), or 482K (Topic 1: Experimental Design and Statistical Inference) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization; additional prerequisites vary with thetopic. Additional prerequisite: Educational Psychology 380C (Topic 2), (or 180E(Topic 1), 280E (Topic 1), 380E (Topic 1), or consent of instructor.

• 10525 TTH 1100 - 1230P SZB 444 WHITTAKER, T
TH 1230 - 130P SZB 444

EDP 380D 2-MEASUREMENT AND EVALUATION

Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications in psychometrics and program evaluation. A basic background in measurement and evaluation is necessary to be appropriately critical of tests and instruments that are used in educational and psychological measurement situations. Subjects include general principles and basic concepts; types of reliability and validity; and the use of psychometric principles in various testing areas, such as intelligence testing; special aptitudes and abilities; educational achievement; and non-cognitive characteristics. Educational Psychology 380D and 180P, 280P, 380P, 480P may not both be counted unless the topics vary. Educational Psychology 380D (Topic 2) and 180P (Topic 1), 280P (Topic 1), 380P (Topic 1), 480P (Topic 1) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization. Additional prerequisite: Twelve semester hours of upper-division coursework in education, psychology, or other behavioral sciences.

• 10530 M 900 - 1200 SZB 432 DODD, B

4-PSYCHOMETRIC THEORY/MTHDS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications in psychometrics and program evaluation. Addresess major approaches to analyzing responses to test items for making inferences about characteristics of examinees and items. Subjectsinclude mental test theory and methods (e.g., the classical true-score model, item response theory models, and test construction methods); an introduction to factor analysis; and psychological scaling theory and procedures. Educational Psychology 380D and 180P, 280P, 380P, 480P may not both be counted unless the topics vary. Educational Psychology 380D (Topic 4) and 180P, 280P, 380P, 480P (Topic 2) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization. Additional prerequisite: Educational Psychology 380C (Topic 2) (or 180E, 280E, 380E (Topic 1)) and Educational Psychology 380D (Topic 2) (or 180P, 280P, 380P, 480P (Topic 1)), or consent of instructor.

• 10534 TTH 930 - 1100 SZB 432

12-COMPUTER-BASED TESTING

Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications in psychometrics and program evaluation. In-depth examination of computer-based testing (CBT) systems based on item response theory (IRT) models, including cases where the items are scored either right or wrong and cases where items are scored using morethan two categories. Subjects include data simulation procedures; estimation of item and person parameters; item banking techniques; components of CBT algorithms; and issues concerning reliability, validity, and score reporting. Educational Psychology 380D and 180P, 280P, 380P, 480P may not both be counted unless the topics vary. Educational Psychology 380D (Topic 12) and Educational Psychology 180P (Topic 13), 280P (Topic 13), 380P (Topic 13), 480P (Topic 13) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization. Additional prerequisite: Educational Psychology 380D (Topic 8) (or 180P (Topic 6), 280P (Topic 6), 380P (Topic 6), 480P (Topic 6)), or consent of instructor.

• 10535 W 900 - 1200 SZB 352A

EDP 381C 2-RSCH DSGN/MTHDS: PSY/EDUC

Course number may be repeated for credit when the topics vary. Theories and models for educational and psychological research. Overview of research designs and methods used in behavioral sciences. Subjects include the philosophy of science, issues of validity and reliability, sampling, descriptive research, experimental and quasi-experimental designs, and qualitative research. Educational Psychology 381C and 184, 284, 384 may not both be counted unless the topics vary. Educational Psychology 381C (Topic 2) and 184, 284, 384 (Topic 24) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education or behavioral science, including an adequate background in statistics; and consent of the adviser in the student's area of specialization. Additional prerequisite: Educational Psychology 380C (Topic 4) (or 182K,282K, 382K, 482K (Topic 2)), or consent of instructor.

• 10540 TTH 1100 - 1230P SZB 432 PUSTEJOVSKY, J

4-RSCH MTHD FOR PRACTITIONERS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Theories and models for educational and psychological research. Designed to facilitate understanding of research methods and statistical-analysis. Overviews development of needs assessment, program evaluation, and program modifications. Facilitates skills in critically evaluating research to select evidence-based approaches for practice settings. Educational Psychology 381C and 184, 284, 384 may not both be counted unless the topics vary. Educational Psychology 381C (Topic 4) and 184, 284, 384 (Topic 20) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education or behavioral science, including an adequate background in statistics; and consent of the adviser in the student's area of specialization.

• 10545 M 100 - 400P SZB 268 PARENT, M

6-LITERATURE/RSRCH SYNTHESIS

Course number may be repeated for credit when the topics vary. Theories and models for educational and psychological research. Focuses on the creation of a literature review or systematic research synthesis. Subjects to be covered include: problem formation; how research is communicated and how the scientific communication system affects knowledge; methods for locating research; problems in retrievingdata from secondary sources; judging the quality of research; estimating the impact of policies and practices and gauging the strength of relations; and assessing variance in impacts and relationships across studies. Educational Psychology 381C and 184, 284, 384 may not both be counted unless the topics vary. Educational Psychology 381C (Topic 6) and 184, 284, 384 (Topic 22) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education or behavioral science, including an adequate background in statistics; and consent of the adviser in the student's area of specialization.

• 10550 M 100 - 400P SZB 524 YAN, V

8-QUALITATIVE RESEARCH MTHDS

Course number may be repeated for credit when the topics vary. Theories and models for educational and psychological research. Examines research methods that are descriptive, field-based, interpretive, and discovery-focused. Subjects include the varieties of qualitative research; identifying questions and phenomena for research; planning and conducting qualitative research; coding and other analytic procedures; developing an interpretation; and trustworthiness issues in qualitative inquiry. Educational Psychology 381C and 184, 284, 384 may not both be counted unless the topics vary. Educational Psychology 381C (Topic 8) and 184, 284, 384 (Topic 8) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education or behavioral science, including an adequate background in statistics; and consent of the adviser in the student's area of specialization. Additional prerequisite: Educational Psychology 380C (Topic 2) (or 180E,280E, 380E (Topic 1)), or consent of instructor.

• 10555 M 900 - 1200 CBA 4.342 AINSLIE, R

12-META-ANALYSIS

Course number may be repeated for credit when the topics vary. Theories and models for educational and psychological research. Effect size calculation for different designs; quantitative methods and models for synthesizing and testing moderators of effect size; and related subject matter. Educational Psychology 381C and 184, 284, 384 may not both be counted unless the topics vary. Educational Psychology 381C (Topic 12) and 184, 284, 384 (Topic 7) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education or behavioral science, including an adequate background in statistics; and consent of the

adviser in the student's area of specialization. Additional prerequisite: Educational Psychology 380C (Topic 4) (or 182K,282K, 382K, 482K (Topic 2)) and Educational Psychology 380C (Topic 6) or consent of instructor.
• 10560 TTH 930 - 1100 SZB 268 BERETVAS, S

EDP 382C 4-FAMILIS & ED IN THREE CULTUR
Course number may be repeated for credit when the topics vary. Examination of issues, theories, and research in selected areas of social psychology and other behavioral sciences that have implications for education. Social psychology is the study of how individuals are influenced by others. Behavioral sciences examines the interaction of cognitive processes and social environment, including social relationships. Highlights the similarities and differences between United States, Chinese, and Japanese societies, specifically in terms of the interaction between family and schools in educating children. Subjects include: tiger mothers, helicopter parents, respect for teachers, cultural views of individual differences, and the relative importance ofeffort versus ability. Educational Psychology 381M and 382C may not both be counted unless the topics vary. Educational Psychology 381M (Topic 6) and 382C (Topic 4) may not both be counted. Prerequisite: Graduate Standing.
• 10565 M 900 - 1200 SZB 526 FALBO, T

EDP 382D 2-HISTORY & SYSTEMS OF PSYCH
Course number may be repeated for credit when the topics vary. History and systems of psychology applied to education; modern theories and current research in learning and human motivation, especially in relation to new educational media and to the educative process. Overview of the major theoretical frameworks in psychology and its antecedents as a scientific field. Includes discussion of influential ideas, the people behind them, and their historical contexts. Special focus is on particular psychology paradigm characteristics of certain periods in history. Additional emphasis is placed on the research methodologies that accompany each paradigm, and on building communication skills and co-constructing understanding through class discussions, oral presentations, and analytical writing. Educational Psychology 382D and 382L may not both be counted unless the topics vary. Educational Psychology 382D (Topic 2) and 382L (Topic 17) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in educational psychology and/or psychology; and consent of the adviser in the student's area of specialization.
• 10570 M 400 - 700P SZB 432 CAWTHON, S

4-PSYCHOLOGY OF LEARNING
Course number may be repeated for credit when the topics vary. History and systems of psychology applied to education; modern theories and current research in learning and human motivation, especially in relation to new educational media and to the educative process. Examination of the current literature on how people learn, the factors that influence the acquisition of knowledge, and on the philosophical frameworks that have characterized views of the learning process. Educational Psychology 382D and 382L may not both be counted unless the topics vary. Educational Psychology 382D (Topic 4) and 382L (Topic 1) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in educational psychology and/or psychology; and consent of the adviser in the student's area of specialization.
• 10575 T 400 - 700P SZB 432 SCHALLERT, D

EDP 382E 2-BIOLOGICAL BASIS OF BEHAVIOR
Course number may be repeated for credit when the topics vary. An investigation of how the biological processes influence behavior, as well as how biological, social, and psychological factors influence health, illness, and learning. Provides an overview of brain structure and function and the brain basesof behavior and disorders of behavior. Focus is on the structure of the nervous system, with a primary emphasis on the functional organization of the brain, and the mechanisms underlying neural communication, followed by a review of various functional systems of the brain and clinical disorders known to be associated with dysfunction of these systems. Educational Psychology 382E and 383 may not both be counted unless the topics vary. Only one of the following may be counted: Educational Psychology 382E (Topic 2), 382L (Topic 9), 383 (Topic 1). Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in educational psychology and/or psychology; and consent of the adviser in the student's area of specialization.
• 10580 W 400 - 700P SZB 268 OBLENESS, J

12-PEDIATRIC PSYCHOLOGY
Course number may be repeated for credit when the topics vary. An investigation of how the biological processes influence behavior, as well as how biological, social, and psychological factors influence health, illness, and learning. Focus on current research and practice in pediatric psychology, including the biological, psychological, and social foundations of pediatric conditions, as well as lifespan health conditions related to development in childhood. Subjects include general principles of pediatric psychology, pediatric health disparities, and disease-specifictopics (e.g., cancer, asthma, diabetes, obesity), including developmental processes of risk and resilience and prevention/intervention for these conditions. Educational Psychology 382E and 383 may not both be counted unless the topics vary. Educational Psychology 382E (Topic 12) and 397 (Topic 6: Practicum in Pediatric Psychology) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in educational psychology and/or psychology; and consent of the adviser in the student's area of specialization. meets with EDP 376T (TOPIC 7).
• 10585 M 100 - 400P SZB 432 RODRIGUEZ, E

EDP 382F 2-INDIVIDUAL THRU LIFE CYCLE
Course number may be repeated for credit when the topics vary. Theories of development and the educative process. Explores issues such as personal identity, academic achievement, social and emotional development, and the role of social statuses in relation to gender, social class, race/ethnicity, and sexual orientation in school settings through readings, reflections, discussion, and class activities. Examines and applies theories of psychology and identity development to adolescent populations from diverse groups. Through integration of all of these areas, students focus on developing an understanding of their experiences as an adolescent, as well as those of the youth they may encounter as they assist them in coping more effectively with life's challenges. Inquiry extends beyond the individual and asks students to think critically about social, cultural, and historical contexts and group identities. Educational Psychology 382F and 385 may not both be counted unless the topics vary. Educational Psychology 382F (Topic 2) and 385 (Topic 1) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education, psychology, or other behavioral sciences or consent of instructor, and consent of the adviser in the student's area of specialization.
• 10590 W 100 - 400P SZB 435 SUIZZO, M

10-MINDFULNESS/COMPASSION/SELF
Course number may be repeated for credit when the topics vary. Theories of development and the educative process. Research and theory related to the concept of the "self" from both Eastern and Western philosophical perspectives, and on the evidence for mental and physical health benefits of mindfulness, compassion for others, and self-compassion. Educational Psychology 382F and 385 may not both be counted unless the topics vary. Educational Psychology 382F (Topic 10) and 386N (Topic 13) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education, psychology, or other behavioral sciences or consent of instructor, and consent of the adviser in the student's area of specialization.
• 10595 T 100 - 400P SZB 268 NEFF, K

EDP 382G 2-LATINO/A PSYCHOLOGY
Course number may be repeated for credit when the topics vary. Theory and research on cultural diversity and individual differences as factors in psychology and education. United States Latino/a experiences, issues, and behavior in the context of psychological theory and research; including, but not limited to, Mexican Americans, Puerto Ricans, Dominicans, Cubans, Central, and SouthAmericans. Integrates sub-disciplines of psychology and explores a variety of subjects relevant to the psychology of Latinos/as, including:race; ethnicity; culture; immigration; acculturation; identity; language; sexuality and sexual orientation; racial and gender socialization; racism, colonization, and colorism; oppression; and health disparities. Educational Psychology 381, 481 and 382G may not both be counted unless the topics vary. Educational Psychology 382G and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 382G and 385 may not both be counted unless the topics vary. Educational Psychology 381 (Topic 38), 481 (Topic 38) and 382G (Topic 2)may not both be counted.
• 10600 M 100 - 400P SZB 444 SANCHEZ, D

EDP 382Q RSCH PRAC: HMN DEV/CUL/LEARN
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit.
• 10605

EDP 383C 4-INDIVIDUAL TESTING
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced study of theory, issues, and application of methods of measurement and diagnostic systems. Topics include techniques to estimate individual and group differences as these inform learning and behavior in educational and community settings. Focuses on the selection, administration, scoring, and interpretation (oral and written) of commonly administered individual tests of intelligence for children and adolescents. Educational Psychology 180P, 280P, 380P, 480P and 383C may not both be counted unless the topics vary. Educational Psychology 381, 481 and 383Cmay not both be counted unless the topics vary. Educational Psychology 383C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 383C and 397 may not both be countedunless the topics vary. Educational Psychology 180P, 280P, 380P, 480P (Topic 3) and 383C, 483C (Topic 4) may not both be counted. Prerequisite: Graduate standing.
• 10610 W 800 - 1200 SZB 268 KEITH, T

8-SOCL/EMOTNL ASSMT CHLD/ADOL
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced study of theory, issues, and application of methods of measurement and diagnostic systems. Topics include techniques to estimate individual and group differences as these inform learning and behavior in educational and community settings. Focus on developing knowledge and skills in evidence-based social/emotional assessment, including conducting and interpreting evidence-based assessments of children's social, emotional, and behavioral functioning, and the diagnosis of mental health disorders in youth. Educational Psychology 180P, 280P, 380P, 480P and 383C may not both be counted unless the topics vary. Educational Psychology 381, 481 and 383Cmay not both be counted unless the topics vary. Educational Psychology 383C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 383C and 397 may not both be countedunless the topics vary. Educational Psychology 383C (Topic 8) and 189H, 289H, 389H, 489H (Topic 21) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Educational Psychology 383C (Topic 28) (or 397 (Topic 2: Child Psychopathology)) or the equivalent; students in areas other than school psychology must also have consent of instructor.
• 10615 W 900 - 1200 SZB 432 RODRIGUEZ, E

26-PSYCHOPATHOLOGY
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced study of theory, issues, and application of methods of measurement and diagnostic systems. Topics include techniques to estimate individual and group differences as these inform learning and behavior in educational and community settings. Emphasis is placed on developing a critical understanding of, such as how to take sufficient account of abusive and stressful environments; difficulties in applying a diagnostic system reliably with incomplete understandings; normal biases and information-processing distortions to which diagnosticians are subject;

sensitization to the potential for dehumanization and other harms that psychopathologists and diagnostic studies may perpetuate; and using the DSM-5 to make diagnoses. Emphasis on adolescents and adults. Educational Psychology 180P, 280P, 380P, 480P and 383C may not both be counted unless the topics vary. Educational Psychology 381, 481 and 383Cmay not both be counted unless the topics vary. Educational Psychology 383C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 383C and 397 may not both be countedunless the topics vary. Educational Psychology 383C (Topic 26) and 397 (Topic 1) may not both becounted. Prerequisite: Graduate standing.
• 10620 T 400 - 700P SZB 444 RUDE, S

EDP 483C 4-INDIVIDUAL TESTING
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Advanced study of theory, issues, and application of methods of measurement and diagnostic systems. Topics include techniques to estimate individual and group differences as these inform learning and behavior in educational and community settings. Focuses on the selection, administration, scoring, and interpretation (oral and written) of commonly administered individual tests of intelligence for children and adolescents. Educational Psychology 180P, 280P, 380P, 480P and 383C may not both be counted unless the topics vary. Educational Psychology 381, 481 and 383Cmay not both be counted unless the topics vary. Educational Psychology 383C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 383C and 397 may not both be countedunless the topics vary. Educational Psychology 180P, 280P, 380P, 480P (Topic 3) and 383C, 483C (Topic 4) may not both be counted. Prerequisite: Graduate standing.
• 10624 W 800 - 1200 SZB 268 KEITH, T

EDP 383E PRACTICUM: LEVEL TWO
Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 10625 TH 400 - 700P SZB 444 OBLENESS, J

EDP 384C 2-THEORIES IN COUNSELING
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced study of theories, processes, and techniques of evidence-based prevention and intervention to enhance learning and behavior in educational and community settings. Theories and research for developing counseling interventions in a pluralistic world. Educational Psychology 381, 481, and 384C may not both be counted unlessthe topics vary. Educational Psychology 383 and 384C may not both be counted unless the topics vary. Educational Psychology 384C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 384C and 397 may not both be counted unless the topics vary. Educational Psychology 381 (Topic 1), 481 (Topic 1), and 384C (Topic 2) may not both be counted. Prerequisite: Graduate standing.
• 10630 M 900 - 1200 SZB 435 ROCHLEN, A

6-CAREER DEVELOPMENT
Course number may be repeated for credit when the topics vary. Advanced study of theories, processes, and techniques of evidence-based prevention and intervention to enhance learning and behavior in educational and community settings. Introduction to the basic principles, models, and methods of career development used in educational settings. Educational Psychology 381, 481, and 384C may not both be counted unlessthe topics vary. Educational Psychology 383 and 384C may not both be counted unless the topics vary. Educational Psychology 384C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 384C and 397 may not both be counted unless the topics vary. Educational Psychology 381, 481 (Topic 4: Career Development) and 384C (Topic 6) may not both be counted. Prerequisite: Graduate standing.
• 10635 W 100 - 400P SZB 432 MCCARTHY, C

9-APPROACHES TO INTERVENTION
Course number may be repeated for credit when the topics vary. Advanced study of theories, processes, and techniques of evidence-based prevention and intervention to enhance learning and behavior in educational and community settings. Educational Psychology 381, 481, and 384C may not both be counted unlessthe topics vary. Educational Psychology 383 and 384C may not both be counted unless the topics vary. Educational Psychology 384C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 384C and 397 may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 10640 T 430 - 730P SZB 268 DRUM, D

24-COG-BEHAV THERAPY: ADULTS
Course number may be repeated for credit when the topics vary. Advanced study of theories, processes, and techniques of evidence-based prevention and intervention to enhance learning and behavior in educational and community settings. Educational Psychology 381, 481, and 384C may not both be counted unlessthe topics vary. Educational Psychology 383 and 384C may not both be counted unless the topics vary. Educational Psychology 384C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 384C and 397 may not both be counted unless the topics vary. Educational Psychology 384C (Topic 24) and 189H, 289H, 389H, 489H (Topic9: Cognitive-Behavioral Assessment and Intervention) may not both be counted. Prerequisite: Graduate standing.
• 10645 W 400 - 700P SZB 444 RUDE, S

32-INTEGRATED BEHAVIORAL HLTH
Course number may be repeated for credit when the topics vary. Advanced study of theories, processes, and techniques of evidence-based prevention and intervention to enhance learning and behavior in educational and community settings. Focus on integrated behavioral health care for underserved children and their families; develops knowledge and skills in integrated health care service delivery, cultural competence in health services, and family-centered health services. Educational Psychology 381, 481, and 384C may not both be counted unlessthe topics vary. Educational Psychology 383 and 384C may not both be counted unless the topics vary. Educational Psychology 384C and 189H, 289H, 389H, 489H may not both be counted unless the topics vary. Educational Psychology 384C and 397 may not both be counted unless the topics vary. Educational Psychology 383 (Topic 3: Integrated Behavioral Health) and 384C (Topic 32) may not both be counted. Prerequisite: Graduate standing.
• 10650 M 900 - 1200 SZB 444 GRAY, J

EDP 384D GROUP COUNSELING/INTERVENTIONS
Offered on the credit/no credit basis only. Theory and research in group practice; group functioning and membership; principles of group planning; and development of leadership skills through structured in-class role-playing. Educational Psychology 381 (Topic 7), 481 (Topic 7) and 384D may not both be counted. Prerequisite: Graduate standing.
• 10655 M 430 - 730P SZB 268 DRUM, D

EDP 384Q PRACTICUM IN COUNSELING
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 10660 W 900 - 1200 SZB 444 SANCHEZ, D
• 10665 TH 430 - 730P SZB 268

EDP 384S PRAC: SPN FOR HELPING PROFSNS
May be repeated for credit. Prerequisite: Graduate standing.
• 10670 W 900 - 1200 CBA 4.346 AINSLIE, R

EDP 384V ADVANCED PRACTICUM
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Advanced study and practice of theories, processes, and techniques of evidence based prevention and intervention to enhance learning and behavior in educational and community settings. Prerequisite: Graduate standing.
• 10675 W 900 - 1200 SZB 435 STARK, K

EDP 385C 2-CONSULTN/COLLAB/SUPERVISION
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Introduces theoretical, empirical, and applicable knowledge of indirect service models as practiced by school psychologists; specifically, behavioral consultation, collaboration, and supervision. Focus on information and skills involved in providing consultation services to organizations that serve children and adolescents (e.g. schools, hospitals and mental health clinics). Educational Psychology 182, 282, 382 (Topic 1: Consultation Theory and Procedure) and 385C (Topic 2) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Educational Psychology 384C (Topic 36) or equivalent, or instructor consent.
• 10680 W 100 - 400P SZB 268

4-ETHICS IN COUNSELING
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Designed to introduce students to the ethical codes of the American Psychological Association and the American Counseling Association, as well as the Texas Administrative Codes for licensed psychologists and licensed professional counselors. Also includes a review of ethical codes and issues in school counseling. Educational Psychology 381 (Topic 19), 481 (Topic 19) and 385C (Topic 4) may not both be counted. Prerequisite: Graduate standing.
• 10685 M 900 - 1200 SZB 268 ROCHLEN, A

8-LAW/ETHICS/HIST OF SCHL PSY
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Provides information about the roles of school psychologists/psychologists and the legal and ethical issues that affecttheir roles. Educational Psychology 385C (Topic 8) and 189H, 289H, 389H, 489H (Topic 1) may not both be counted. Prerequisite: Graduate standing.
• 10690 M 900 - 1200 SZB 434 KEITH, T

EDP 386Q PRAC POST-SECONDARY TEACHNG
Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit.
• 10695

EDP 393E SCH PSYCH SPECIALIST INTERN
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 10700

EDP 193N INTERNSHIP IN SCHOOL PSYCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 10705

EDP 393N INTERNSHIP IN SCHOOL PSYCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 10710

EDP 194 UNDERSTANDING HOMELESSNESS
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Presentation and discussion of issues related to graduate study in educational psychology, including research proposals and developments inthe field, by advanced graduate students, members of the faculty, and visiting lecturers. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization. Class meets September 6-December 6.
• 10715 TH 900 - 1100 STACY, C

March 3, 2018

4-DOCTORAL RESEARCH COLLOQUIUM
Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Presentation and discussion of issues related to graduate study in educational psychology, including research proposals and developments inthe field, by advanced graduate students, members of the faculty, and visiting lecturers. Required of all doctoral students in educational psychology. Educational Psychology 194 (Topic 4) and 196 (Topic 2) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization.
• 10720 W 1200 - 100P SZB 523 MCCARTHY, C

6-SCHOOL PSYCHOLOGY COLLOQUIUM
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Presentation and discussion of issues related to graduate study in educational psychology, including research proposals and developments inthe field, by advanced graduate students, members of the faculty, and visiting lecturers. Registration for at least three semesters required of all doctoral students in school psychology. One semester required of students specializing in school psychology; two semesters required of doctoral students specializing in school psychology. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization.
• 10725 M 1200 - 100P SZB 268 STARK, K
• 10730 W 100 - 200P SZB 526 STARK, K

12-COUNSELING PSYCH COLLOQUIUM
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Presentation and discussion of issues related to graduate study in educational psychology, including research proposals and developments inthe field, by advanced graduate students, members of the faculty, and visiting lecturers. Required of doctoral students specializing in counseling psychology. Educational Psychology 194 (Topic 12) and 196 (Topic 3) may not both be counted. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization.
• 10735 W 1200 - 100P SZB 268 ROCHLEN, A

EDP 194N INTERNSHIP IN COUNSELING PSYCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit.
• 10740

EDP 394N INTERNSHIP IN COUNSELING PSYCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit.
• 10745

EDP 394R RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individual research planned, carried out, and reported under the supervision of a Graduate Studies Committee member. Prerequisite: Graduate standing; admission to an approved program of graduate study; consent of instructor; and consent of the adviser in thestudent's area of specialization.
• 10750

EDP 395R QUALIFYING PROCESS RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Investigation of assigned problems under the direction of a Graduate Studies Committee member; development and demonstration of competence inresearch design and execution; and production of an acceptably written research report. Required of doctoral students with a major in educational psychology. Prerequisite: Graduate standing, consent of instructor, and consent of the adviser in the student's area of specialization.
• 10755

EDP 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in educational psychology and consent of the adviser in the student's area of specialization; for 698B, Educational Psychology 698A.
• 10760

EDP 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in educational psychology and consent of the adviser in the student's area of specialization; for 698B, Educational Psychology 698A.
• 10765

EDP 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in educational psychology and consent of the adviser in the student's area of specialization.
• 10770

EDP 398T COLLEGE TEACHING METHODOLOGY
Designed to accommodate 35 or fewer students. Supervised college teaching experience. With consent of the adviser in the student's area of specialization, may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization.
• 10774 W 900 - 1200 UTC 3.120 BUSH-RICHARDS, A

EDP 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the adviser in the student's area of specialization.
• 10775

EDP 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the adviser in the student's area of specialization.
• 10780

EDP 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the adviser in the student's area of specialization.
• 10785

EDP 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Educational Psychology 399R, 699R, or 999R; and consent of the adviser in the student's area of specialization.
• 10790

EDP 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Educational Psychology 399R, 699R, or 999R; and consent of the adviser in the student's area of specialization.
• 10795

EDP 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Educational Psychology 399R, 699R, or 999R; and consent of the adviser in the student's area of specialization.
• 10800

DEPARTMENT OF KINESIOLOGY AND HEALTH EDUCATION

Health Education - HED
Kinesiology - KIN
Physical Education - PED

HED 311 INTRO TO HEALTH PROMOTION
Offered on the letter-grade basis only. Provides an introduction to the concepts and core principles of health promotion and behavioral science. Restricted to health education and kinesiology majors.
• 10855 TTH 800 - 930 BEL 602A PINEDO BANUELOS, M
• 10860 TTH 1230 - 200P BEL 602A SPAULDING, C

HED 329K CHILD & ADOLESCENT HEALTH
Restricted enrollment; contact the department for permission to register for this class. The foundations of child and adolescent health; health education; and the biological, environmental, and behavioral health determinants of health. Includes the application of evidence-based child and adolescent health promotion concepts; prominent health risk behaviors established during youth that increase the risk of morbidity and mortality; and the application of personal health and wellness information. Restricted to students in the College of Education.
• 10865 TTH 1230 - 200P GEA 105 LATIMER, L

HED 335 THEORS OF SUBSTNC USE & ABUSE
An introduction to the psychological, social, pharmacological, and cultural aspects of substance use and abuse. Includes a study and critique of the theories of substance use and abuse. Restricted to health education and kinesiology majors.
• 10870 TTH 800 - 930 BEL 326C LOUKAS, A

HED 343 FOUNDATIONS OF EPIDEMIOLOGY
Introduction to the basic tenets of epidemiology as well as the different types of epidemiological study designs. Health Education 343 and Health and Society 340 (Topic 1) may not both be counted. Prerequisite: Consent of instructor. same as H S 340 (TOPIC 1).
• 10875 TTH 1100 - 1230P BEL 602B PASCH, K

HED 350 THRY HLTH PROMO/BEHAV SCI
Introduction to the field of health promotion, as applicable in the fields of health and education: theories, processes, activities, and settings for health promotion practice. Health Education 350 and 370K (Topic 1) may not both be counted. Restricted to health promotion majors.
• 10880 TTH 330 - 500P BEL 962 SPAULDING, C

HED 351 NEEDS ASSESSMT/PGM PLANNING
Introduction to the processes of planning, implementing, and evaluating health promotion programs. Only one of the following may be counted: Health Education 351, 352K (Topic 1), 371K. Restricted to health promotion majors. Prerequisite: Health Education 350.
• 10885 TTH 200 - 330P BEL 962 NYDEGGER, L

HED 364 STRATEGIC HEALTH COMM
Introduces essential components of effective communication strategies and persuasive messaging techniques to aid in the development of a strategic health campaign for a client in an allied health field. Health Education 352K (Topic 4) and 364 may not both be counted. Restricted to health education majors, kinesiology majors, and youth andcommunity studies majors.
• 10890 W 400 - 700P BEL 602B STANFORTH, M

HED 378D 1-HEALTHYHORNS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Literature and discussion of current and specific issues in health. Training in the foundations of public health, with the opportunity to provide interactive and educational outreach activities such as presenting workshops to student groups and develop and staff initiativesthat positively impact students' health. Restricted to

April 3, 2018

course	unique	days	time	room	instructor

students in the University Health Services program. Restricted to students in the Healthyhorns Peer Educator program. Prerequisite: Consent of instructor.

• 10895	MWF	200 - 300P	SSB 3.406	COLBERT, A

2-MENTAL HEALTH PROMOTION

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Literature and discussion of current and specific issues in health. Restricted to students in the University Health Services program. Restricted to students in the Mental Health Promotion program. Prerequisite: Consent of instructor.

• 10900	MW	1100 - 1230P	SSB 5.218	TRATTNER, M

3-CLINIC VOLUNTEER PROGRAM

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Literature and discussion of current and specific issues in health. Analysis of literature and weekly discussion of current and specific issues relating to health. Focus on teamwork and leadership skills through a group capstone presentation at the end of the semester. Restricted to students in the University Health Services program. Restricted to students in the University Health Services Clinical Volunteer Program. Prerequisite: Consent of instructor.

• 10905	T	530 - 700P	SSB G1.310	MOSTELLER, K

HED 178F 1-HEALTHYHORNS

Course number may be repeated for credit when the topics vary. Literature and discussion of current and specific issues in health. Restricted to students in the University Health Services program. Restricted to students in the Healthyhorns Peer Educator program. Prerequisite: Consent of instructor.

• 10910	W	500 - 600P	SSB 3.406	COLBERT, A

2-MENTAL HEALTH PROMOTION

Course number may be repeated for credit when the topics vary. Literature and discussion of current and specific issues in health. Restricted to students in the University Health Services program. Restricted to students in the Mental Health Promotion program. Prerequisite: Consent of instructor.

• 10915	TH	400 - 530P	SSB 5.218	TRATTNER, M

HED 386 2-RSCH METH: APPLIED RSCH TECH

Course number may be repeated for credit when the topics vary. Disciplines of research methods, research design, data-producing techniques, treatment and interpretation of data, reporting on research. Prerequisite: Graduate standing. meets with KIN 386 (TOPIC 2).

• 10920	TH	100 - 400P	BEL 710B	HOLAHAN, C

HED 395 IMPACT OF MKTG ON PUBLIC HLTH

Course number may be repeated for credit when the topics vary. Group and individual studies of advanced topics; critique and synthesis of research findings and of literature. Prerequisite: Graduate standing.

• 10925	W	1000 - 100P	BEL 710B	PASCH, K

6-THEORIES OF HEALTH BEHAVIOR

Course number may be repeated for credit when the topics vary. Group and individual studies of advanced topics; critique and synthesis of research findings and of literature. Prerequisite: Graduate standing.

• 10930	TH	400 - 700P	BEL 326C	STEINHARDT, M

26-PLANNING HLTH PROMTN PROGS

Course number may be repeated for credit when the topics vary. Group and individual studies of advanced topics; critique and synthesis of research findings and of literature. Introduction to the processes of planning, implementing, and evaluating health promotion programs. Students develop a health promotion intervention and evaluation plan for a public health issue. Prerequisite: Graduate standing. Additional prerequisite: Health Education 370K (Topic 1: Foundations of Health Promotion I).

• 10935	M	100 - 400P	BEL 710B	NYDEGGER, L

27-PHYS ACTVTY/PUBL HLTH PRACT

Course number may be repeated for credit when the topics vary. Group and individual studies of advanced topics; critique and synthesis of research findings and of literature. Practice strategies for implementation of public health programming related to physical activity, approached through review of the current research literature. Topics focus on evidence-based strategies, and key approaches to program development, implementation, and evaluation. Prerequisite: Graduate standing. meets with KIN 395.

• 10940	T	200 - 500P	UTA 6.300	KOHL, H

HED 196 DOCTORAL SEMINAR

Offered on the credit/no credit basis only. May be repeated for credit. Individual or shared project research with reports evaluated by seminar participants and the instructor. Prerequisite: Graduate standing and written consent form.

• 10945	F	200 - 300P	BEL 326C	PINEDO BANUELOS, M

HED 296T DIRECTED RSCH IN HEALTH EDUC

Hour(s) to be arranged. May be repeated for credit. Investigation of assigned problems under the direction of a Graduate Studies Committee member; development and demonstration of competence in research design and execution; production of an acceptably written research report. Prerequisite: Graduate standing and written consent form.

• 10950

HED 396T DIRECTED RSCH IN HEALTH EDUC

Hour(s) to be arranged. May be repeated for credit. Investigation of assigned problems under the direction of a Graduate Studies Committee member; development and demonstration of competence in research design and execution; production of an acceptably written research report. Prerequisite: Graduate standing and written consent form.

• 10955

HED 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in health education and written consent of the graduate adviser; for 698B, Health Education 698A and written consent of the graduate adviser.

• 10960

HED 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in health education and written consent of the graduate adviser; for 698B, Health Education 698A and written consent of the graduate adviser.

• 10965

HED 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form.

• 10970

HED 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form.

• 10975

HED 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form.

• 10980

HED 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Health Education 399R, 699R, or 999R; and written consent form.

• 10985

HED 699W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Health Education 399R, 699R, or 999R; and written consent form.

• 10990

HED 999W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Health Education 399R, 699R, or 999R; and written consent form.

• 10995

KIN 310 PHYSIOL BASIS OF CONDITIONING

Designed to accommodate 100 or more students. Explores the ways that the human body responds to exercise and physical activity. Covers reasons that exercise is beneficial, how the body responds to exercise, and how to apply the principles of conditioning. Prerequisite: For non-applied movement science, health education, and kinesiology majors, consent of instructor.

• 11050	TTH	930 - 1100	BEL 328	STANFORTH, P

KIN 311 WSI / LIFEGUARD TRAINING

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Principles and practical application of water safety instruction and lifeguard training, personal water safety skills sets, professional rescues, first aid, and CPR/AED programs. Successful completion of course sessions, activities, lectures, skill development and evaluation requirements will qualify the student to test for certifications from nationally recognized safety agencies. Only one of the following may be counted: Kinesiology 311, 213 (Topic 2: Water Safety Instruction), 213 (Topic 4: Lifeguarding Instruction).

• 11055	T	530 - 830P	TSC POOL	CROWLEY, D

KIN 312 2-CARE/PREVEN OF ATH INJURIES

Course number may be repeated for credit when the topics vary. Analysis and discussion of current issues within the discipline of kinesiology. Principles of athletic training, including mechanisms, signs and symptoms, treatments, and basic rehabilitation of athletic injuries and illnesses.

• 11060	MWF	800 - 900	BEL 404A	FARR, B

3-FUNDAMENTALS OF COACHING

Course number may be repeated for credit when the topics vary. Analysis and discussion of current issues within the discipline of kinesiology. An introduction to the principles and practices of coaching as they relate to the integration of sports science, practice structure and design, and the development of a coaching philosophy. Involves group work and field experience with youth athletic organizations.

• 11065	TTH	930 - 1100	BEL 628	SANDERS, M

5-SPORT INDUSTRY IN AMERICA

Course number may be repeated for credit when the topics vary. Analysis and discussion of current issues within the discipline of kinesiology. Kinesiology 312 (Topic: Sport Industry in America) and 312 (Topic 5) maynot both be counted.

• 11070	MWF	300 - 400P	BEL 858

KIN 312M MGMT OF PHYS ACTIV/SPORT PROGS

Designed to accommodate 100 or more students. Designed for applied movement science, health education, and kinesiologymajors. Introduction to the purpose and function of sport and sport management in society, including management, marketing, events, and other components of the field.

• 11075	MW	1000 - 1100	ECJ 1.202	BOWERS, M
	W	900 - 1000	BEL 858	
• 11080	MW	1000 - 1100	ECJ 1.202	BOWERS, M
	F	900 - 1000	BEL 858	
• 11085	MW	1000 - 1100	ECJ 1.202	BOWERS, M
	F	1000 - 1100	BEL 858	

March 3, 2018

course	unique	days	time	room	instructor
	• 11090	MW	1000 - 1100	ECJ 1.202	BOWERS, M
		W	1100 - 1200	BEL 858	
	• 11095	MW	1000 - 1100	ECJ 1.202	BOWERS, M
		F	1100 - 1200	BEL 858	
	• 11100	MW	1000 - 1100	ECJ 1.202	BOWERS, M
		W	1200 - 100P	BEL 858	

KIN 314 CHILDREN'S MOVEMENT

Additional hour(s) to be arranged. Covers skills to support positive, effective physical education and to implement well-planned and stimulating physical activity for children. Focus on integrating academic content with physically active classrooms. Subjects include principles of movement and motor development in children, curriculum, legislation and policy, physiological principles, learning principles, coordinated school health (CSH), and comprehensive school physical activity programming (CSPAP).

• 11105	MW	800 - 900	SZB 104	PHELPS, A
	F	800 - 900	BEL 628	
• 11110	MW	800 - 900	SZB 104	PHELPS, A
	F	900 - 1000	BEL 628	
• 11115	MW	800 - 900	SZB 104	PHELPS, A
	F	1000 - 1100	BEL 628	

KIN 119 8-SWIMMING

Course number may be repeated for credit when the topics vary. Designed for applied movement science, health education, and kinesiologymajors. Introduces a variety of movement and dance activities that can be used to teach rhythm to youth, with an emphasis on grades K-6. Designed for kinesiology and health education majors. Development of swimming techniques including instruction in seven swimming strokes, springboard diving, cardiovascular conditioning, exercise physiology concepts, nutrition, personal safety, elementary rescue skills, CPR/AED and basic snorkeling techniques. Provides preparation for American Red Cross certification. Additional prerequisite: Comfortable in deep water and able to swim two lengths using two strokes, or consent of instructor; for non-kinesiologymajors, consent of instructor. meets with PED 101J (TOPIC 5).

• 11120	TTH	800 - 930	TSC POOL	CROWLEY, D

8-SWIMMING

Course number may be repeated for credit when the topics vary. Designed for applied movement science, health education, and kinesiologymajors. Introduces a variety of movement and dance activities that can be used to teach rhythm to youth, with an emphasis on grades K-6. Designed for kinesiology and health education majors. Development of swimming techniques including instruction in seven swimming strokes, springboard diving, cardiovascular conditioning, exercise physiology concepts, nutrition, personal safety, elementary rescue skills, CPR/AED and basic snorkeling techniques. Provides preparation for American Red Cross certification. Additional prerequisite: Comfortable in deep water and able to swim two lengths using two strokes, or consent of instructor; for non-kinesiologymajors, consent of instructor. meets with PED 106C (TOPIC 1).

• 11125	TTH	1000 - 1130	TSC POOL	CROWLEY, D
• 11130	TTH	1100 - 1230P	TSC POOL	CROWLEY, D

10-CONDITIONING

Course number may be repeated for credit when the topics vary. Designed for applied movement science, health education, and kinesiologymajors. Introduces a variety of movement and dance activities that can be used to teach rhythm to youth, with an emphasis on grades K-6. Basic principles involved in designing a sound conditioning program emphasizing resistance training techniques. Prerequisite: Physical Education 106C (Topic 7: Weight Training), or consent of instructor.

• 11135	TTH	400 - 530P	BEL 628	BECKWITH, K

16-SOCIAL DANCE: LEADS

Course number may be repeated for credit when the topics vary. Designed for applied movement science, health education, and kinesiologymajors. Introduces a variety of movement and dance activities that can be used to teach rhythm to youth, with an emphasis on grades K-6. Designed for applied movement science majors, and kinesiology and healtheducation majors. Introduction to popular social partner dances, including swing, waltz, salsa, tango, two-step and more. Emphasis on connecting with a dance partner and the art of both leading and following. Only one of the following may be counted: Kinesiology 119 (Topic 16), Kinesiology 119 (Topic 20), Physical Education 103L (Topic 1), 103L (Topic 7). Additional prerequisite: Consent of instructor. meets with KIN 119 (TOPIC 20).

• 11140	F	1200 - 300P	BEL 628	ENGE, N

16-SOCIAL DANCE: LEADS

Course number may be repeated for credit when the topics vary. Designed for applied movement science, health education, and kinesiologymajors. Introduces a variety of movement and dance activities that can be used to teach rhythm to youth, with an emphasis on grades K-6. Designed for applied movement science majors, and kinesiology and healtheducation majors. Introduction to popular social partner dances, including swing, waltz, salsa, tango, two-step and more. Emphasis on connecting with a dance partner and the art of both leading and following. Only one of the following may be counted: Kinesiology 119 (Topic 16), Kinesiology 119 (Topic 20), Physical Education 103L (Topic 1), 103L (Topic 7). Additional prerequisite: Consent of instructor. meets with PED 103L (TOPIC 1), KIN 119 (TOPIC 20), PED 103L (TOPIC 7).

• 11145	TTH	1200 - 130P	BEL 628	ENGE, N
• 11150	TTH	100 - 230P	BEL 628	ENGE, N

20-SOCIAL DANCE: FOLLOWS

Course number may be repeated for credit when the topics vary. Designed for applied movement science, health education, and kinesiologymajors. Introduces a variety of movement and dance activities that can be used to teach rhythm to youth, with an emphasis on grades K-6. Designed for applied movement science majors, and kinesiology and healtheducation majors. Introduction to popular social partner dances, including swing, waltz, salsa, tango, two-step and more. Emphasis on connecting with a dance partner and the art of both leading and following. Only one of the following may be counted: Kinesiology 119 (Topic 16), Kinesiology 119 (Topic 20), Physical Education 103L (Topic 1), 103L (Topic 7). Additional prerequisite: Consent of instructor. meets with KIN 119 (TOPIC 16).

• 11155	F	1200 - 300P	BEL 628	ENGE, N

20-SOCIAL DANCE: FOLLOWS

Course number may be repeated for credit when the topics vary. Designed for applied movement science, health education, and kinesiologymajors. Introduces a variety of movement and dance activities that can be used to teach rhythm to youth, with an emphasis on grades K-6. Designed for applied movement science majors, and kinesiology and healtheducation majors. Introduction to popular social partner dances, including swing, waltz, salsa, tango, two-step and more. Emphasis on connecting with a dance partner and the art of both leading and following. Only one of the following may be counted: Kinesiology 119 (Topic 16), Kinesiology 119 (Topic 20), Physical Education 103L (Topic 1), 103L (Topic 7). Additional prerequisite: Consent of instructor. meets with PED 103L (TOPIC 1), KIN 119 (TOPIC 16), PED 103L (TOPIC 7).

• 11160	TTH	1200 - 130P	BEL 628	ENGE, N
• 11165	TTH	100 - 230P	BEL 628	ENGE, N

KIN 219K 2-OFFICIATING

Course number may be repeated for credit when the topics vary. Knowledge and skills required for officials, coaches, and athletic trainers of interschool sports. Prerequisite: Varies with the topic.

• 11170	TTH	900 - 1030	GRE 1.104	RICH, G

KIN 219N ADVANCED VOLLEYBALL

For those with high levels of skills and knowledge of multiple offenses and defenses. Explores various aspects of competitive volleyball with emphasis on strategic utilization of defenses used in interscholastic and intercollegiate competitive teams. Prerequisite: Physical Education 108J (Topic 2) or consent of instructor.

• 11175	TTH	930 - 1100	GRE 3.108	RICH, G

KIN 219T MOVEMENT ANALYSIS: TEAM ACTIV

Application of scientific and psychosocial aspects of team sports, basicmechanical principles, and basic progressions relevant to performing andteaching selected team sport skills. Students also learn basic strategies and tasks related to coaching and organizing a team.

• 11180	MW	930 - 1100	GRE 1.104	RICH, G

KIN 321 THEORY OF HUMAN PERFORMANCE

Designed for applied movement science, health education, and kinesiologymajors. Examines foundational knowledge of theories of human performanceand development and the concomitant changes that occur during an individuals lifespan. Explores interactive theories of the associated physiological, biomechanical, and cognitive disciplines that explain thecontrol systems of the human body while in motion and subsequent development. Prerequisite: Upper-division standing.

• 11185	TTH	1100 - 1230P	BEL 628	SANDERS, M

KIN 321M MOTOR DEVEL AND PERFORMANCE

Laboratory hour(s) to be arranged. A review of movement skill progressions with emphasis on the processes that underlie changes in movement competence. Typical growth and maturation from birth to adulthood serves as the metric against which to identify atypical development. The principles underlying motor skill changes are applied to teaching, coaching, and clinical applications. Prerequisite: Upper-division standing.

• 11190	TTH	930 - 1100	BEL 602B	JENSEN, J

KIN 322 DIAGNOSIS AND EVAL OF FITNESS

Covers the science behind assessing physical fitness, and the role of physical activity and exercise in prevention and rehabilitation of cardio-respiratory and metabolic diseases. Prerequisite: For Athletic Training and Kinesiology and Health majors, Kinesiology 310 and Kinesiology 424K; for others, Kinesiology 310; and Kinesiology 424K or 446L.

• 11195	MW	900 - 1000	BEL 602A	STANFORTH, P
	TH	200 - 500P	BEL 902	
• 11200	MW	900 - 1000	BEL 602A	STANFORTH, P
	T	230 - 530P	BEL 902	
• 11205	MW	900 - 1000	BEL 602A	STANFORTH, P
	T	530 - 830P	BEL 902	

KIN 424K APPLIED HUMAN ANATOMY

Combines the study of systematic and regional human anatomy. Includes applications of the skeletal system, and attachments and actions of muscles, with an emphasis on the mechanics of support and motion and their clinical applications. Only one of the following may be counted: Biology 478L, Kinesiology 324K, 424K. Prerequisite: For applied movement science, health education, and kinesiology majors, Kinesiology 310.

• 11210	MWF	900 - 1000	JGB 2.216	GRIFFIN, L
	M	200 - 400P	BEL 404A	
• 11215	MWF	900 - 1000	JGB 2.216	GRIFFIN, L
	T	200 - 400P	BEL 404A	
• 11220	MWF	900 - 1000	JGB 2.216	GRIFFIN, L
	W	200 - 400P	BEL 404A	
• 11225	MWF	900 - 1000	JGB 2.216	GRIFFIN, L
	TH	200 - 400P	BEL 404A	
• 11230	MWF	900 - 1000	JGB 2.216	GRIFFIN, L
	M	500 - 700P	BEL 404A	

March 5, 2017

course	unique	days	time	room	instructor
	• 11235	MWF	900 - 1000	JGB 2.216	GRIFFIN, L
		W	500 - 700P	BEL 404A	

KIN 425K PHYSIOLOGY OF EXERCISE

Application of principles of physiology to muscular activities and an examination of physiological responses and adaptations to both acute andchronic exercise. Kinesiology 325K and 425K may not both be counted. Prerequisite: For Athletic Training and Kinesiology and Health majors, Kinesiology 424K; for others, Kinesiology 424K, Biology 416K, or 446L.

• 11240	TTH	800 - 930	GSB 2.126	TANAKA, H
	T	1000 - 1130	BEL 902	
• 11245	TTH	800 - 930	GSB 2.126	TANAKA, H
	TH	1000 - 1130	BEL 902	
• 11250	TTH	800 - 930	GSB 2.126	TANAKA, H
	T	1130 - 100P	BEL 902	
• 11255	TTH	800 - 930	GSB 2.126	TANAKA, H
	TH	1130 - 100P	BEL 902	
• 11260	TTH	800 - 930	GSB 2.126	TANAKA, H
	M	200 - 330P	BEL 902	
• 11265	TTH	800 - 930	GSB 2.126	TANAKA, H
	M	500 - 630P	BEL 902	

KIN 226 ADVANCED WEIGHT TRAINING

Explores various advanced techniques of weight training, with emphasis on the lifts used in the competitive strength sports of weightlifting and powerlifting. Includes plyometrics and functional training movements for athletic enhancement. Prerequisite: Physical Education 106C or Kinesiology 119 or consent of instructor.

• 11270	TTH	930 - 1100	STD 3.202	BECKWITH, K

KIN 326K BIOMECH ANLY OF MOVEMENT

Study of the principles of equilibrium, force, and motion as applied to humans. Includes applications to human movement and to biological tissues and structures, with emphasis on practical applications (e.g., human performance, causes/prevention of injury etc.). Prerequisite: For athletic training and kinesiology and health educationmajors: Kinesiology 424K; Mathematics 408C or 408K or 408N; and Physics 302K or 317K. For others: Biology 416K or Biology 446L; Kinesiology 424K; Mathematics 408C or 408K or 408N; and Physics 302K or 317K.

• 11275	MWF	200 - 300P	BEL 962	SMITH, D

KIN 127D FIELDWORK: AIDING

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork in appropriate activity courses. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11280

KIN 227D FIELDWORK: AIDING

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork in appropriate activity courses. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11285

KIN 327D FIELDWORK: AIDING

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork in appropriate activity courses. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11290

KIN 627D FIELDWORK: AIDING

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork in appropriate activity courses. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11295

KIN 627F 2-INTERNSHIP IN MEDICAL FIT

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Supervised fieldwork or clinical work in appropriate activities. May be repeated for credit when topics vary up to twelve semester hours.No more than twelve semester hours in health education or kinesiology fieldwork or internship credit may be counted. Restricted to health education and kinesiology majors. Prerequisite: Upper-division standing, Kinesiology 327T (Topic 1) or 327T (Topic 2), a University grade point average of at least 2.50, and consent of instructor.

• 11300

KIN 127J FIELDWORK: OFF CAMPUS

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork or clinical work in appropriate activities off campus. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11305 SPARVERO, E

KIN 327J FIELDWORK: OFF CAMPUS

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork or clinical work in appropriate activities off campus. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11310 FREYTAG, M

KIN 227K FIELDWORK: ON CAMPUS

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork or clinical work in appropriate activities on campus. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11315

KIN 327K FIELDWORK: ON CAMPUS

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork or clinical work in appropriate activities on campus. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11320

KIN 327R FIELDWORK: LAB RESEARCH

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork or clinical work in appropriate activities. May be repeated for credit up to twelve semester hours. No more than twelve semester hours in kinesiology or health education fieldwork or internship credit may be counted. Prerequisite: Consent of instructor.

• 11325

KIN 327T 1-CLINICAL EXERCISE TESTING

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Designed for health education and kinesiology majors. Supervised fieldwork or clinical work in appropriate activities. May be repeated for credit when topics vary up to twelve semester hours.No more than twelve semester hours in health education or kinesiology fieldwork or internship credit may be counted. Kinesiology 327L (Topic 6) and 327T (Topic 1) may not both be counted. Prerequisite: Upper-division standing, a University grade point average of at least 2.50, and consent of instructor; additional prerequisites vary by topic. Additional prerequisite: Kinesiology 322

• 11330 STANFORTH, P

2-PERSONAL TRAINING

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Designed for health education and kinesiology majors. Supervised fieldwork or clinical work in appropriate activities. May be repeated for credit when topics vary up to twelve semester hours.No more than twelve semester hours in health education or kinesiology fieldwork or internship credit may be counted. Kinesiology 327L (Topic 5) and 327T (Topic 2) may not both be counted. Prerequisite: Upper-division standing, a University grade point average of at least 2.50, and consent of instructor; additional prerequisites vary by topic. Additional prerequisite: Kinesiology 332.

• 11335 F 1130 - 100P RSC 1.106 STANFORTH, M

3-PRACTICUM IN DISABILITIES

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Designed for health education and kinesiology majors. Supervised fieldwork or clinical work in appropriate activities. Supervised academic service learning or clinical hours in instructor approved environments. May be repeated for credit when topics vary up to twelve semester hours.No more than twelve semester hours in health education or kinesiology fieldwork or internship credit may be counted. Kinesiology 327L (Topic 9) and 327T (Topic 3) may not both be counted. Prerequisite: Upper-division standing, a University grade point average of at least 2.50, and consent of instructor; additional prerequisites vary by topic.

• 11340

4-STRENGTH/CONDITION COACHING

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Designed for health education and kinesiology majors. Supervised fieldwork or clinical work in appropriate activities. May be repeated for credit when topics vary up to twelve semester hours.No more than twelve semester hours in health education or kinesiology fieldwork or internship credit may be counted. Prerequisite: Upper-division standing, a University grade point average of at least 2.50, and consent of instructor; additional prerequisites vary by topic. Additional prerequisite: Credit or concurrent enrollment in Kinesiology 226 or 363.

• 11345 BECKWITH, K

KIN 628 FIELDWORK IN SPORT MANAGEMENT

Additional hour(s) to be arranged. May be repeated for credit. Requires 270 hours overall or about 20 hours per week. Students will be required to have no more than six hours remaining in their cognate to beeligible. May be taken twice for credit. No more than twelve semester hours in the following courses may be counted: Kinesiology 127L, 227L, 327L, 627L, 628. Restricted to sport management majors. Prerequisite: Upper-division standing, a University grade point average of at least 2.50, and consent of the faculty adviser.

• 11350 M 700 - 800 BEL 858 BOWERS, M

KIN 328C INTERNSHIP IN SPORT MGMT

Hour(s) to be arranged. May be repeated for credit. Supervised fieldwork or clinical work in appropriate activities. No more than twelve semester hours in health education or kinesiology fieldwork or internship credit may be counted. Only one of the following may be counted: Kinesiology 327L (Topic: Fieldwork in Sport Management), 327L (Topic 2), 628, 328C. Restricted to students majoring in sport management. Prerequisite: Upper-division standing, a major grade point average of 2.50, and consent of instructor.

• 11355

April 3, 2018

course	unique	days	time	room	instructor

KIN 332 TECHNIQS OF FITNESS LEADERSHIP

Practical application of theoretical content from exercise physiology, anatomy, and biomechanics. Emphasis on program design and development for healthy adults and special populations. Prerequisite: Kinesiology 310.

• 11360	MW	1000 - 1130	GRE 1.104	STANFORTH, M
	M	800 - 930	RSC 1.106	
	F	1000 - 1130	RSC 1.106	
• 11365	MW	1000 - 1130	GRE 1.104	STANFORTH, M
	T	800 - 930	RSC 1.106	
	F	1000 - 1130	RSC 1.106	

KIN 334 CHLDRN'S EXERCISE & PHYS ACTIV

Focuses on the capacity for physical performance by children and adolescents from both physiological and psychosocial perspectives. Addresses children's readiness for physical training and competitive activities. Considers the active and inactive child with, and without, disabilities and secondary disabling conditions. Entails development of programs designed to keep children appropriately active for a lifetime of positive health outcomes. Prerequisite: Kinesiology 310.

• 11370	TTH	930 - 1100	BEL 326C	BUCHANAN, P

KIN 335C MOTOR LEARNING

Psychological, behavioral, physiological, and environmental factors involved in performance and learning of motor skills; covers both theoretical and experimental evidence for the effects of these factors, with applications in physical activity, sport, and rehabilitation. Weekly laboratory sessions to collect and analyze data to assess motor performance and learning. Kinesiology 315 and 335C may not both be counted. Prerequisite: Psychology 301.

• 11375	MW	1100 - 1200	BEL 602A	JOWERS, E
	TH	930 - 1100	BEL 546C	
• 11380	MW	1100 - 1200	BEL 602A	JOWERS, E
	TH	1100 - 1230P	BEL 546C	
• 11385	MW	1100 - 1200	BEL 602A	JOWERS, E
	TH	1230 - 200P	BEL 546C	
• 11390	MW	1100 - 1200	BEL 602A	JOWERS, E
	TH	200 - 330P	BEL 546C	
• 11395	MW	1100 - 1200	BEL 602A	JOWERS, E
	TH	330 - 500P	BEL 546C	

KIN 336 NEUROMUSCULAR CONTROL

Study of the brain and motor and sensory pathways involved in the control of movement. Covers nerve, muscle, and sensory cell function along with spinal cord reflexes. Application to research and clinical populations is emphasized. Prerequisite: For Athletic Training and Kinesiology and Health majors, Kinesiology 424K; for others, Kinesiology 424K or 446L.

• 11400	MWF	1100 - 1200	BEL 962	GRIFFIN, L

KIN 140C PRAC ATHLET TRAINING: LEVEL 1A

Additional hour(s) to be arranged. Supervised clinical experiences in the application of concepts, theories, and techniques associated with the prevention, recognition, and immediate care of injuries and illnesses suffered by athletic and physically active populations. Students use cognitive, psychomotor, and affective skills and knowledge to complete a prescribed set of educational competencies and clinical proficiencies under the direction of an approved clinical instructor. Prerequisite: Consent of instructor.

• 11405	T	700 - 800	BEL 844	HANNAH, C

KIN 140E PRAC ATHLET TRAINING: LEVEL 2A

Additional hour(s) to be arranged. Supervised clinical experiences in the application of concepts, theories, and techniques associated with the prevention, recognition, immediate care, treatment, evaluation, and diagnosis of injuries and illnesses suffered by athletic and physically active populations. Emphasizes clinical evaluation and assessment techniques. Students use cognitive, psychomotor, and affective skills and knowledge to complete a prescribed set of educational competencies and clinical proficiencies under the direction of an approved clinical instructor. Prerequisite: Consent of instructor.

• 11410	W	700 - 800	BEL 844	HANNAH, C

KIN 140G PRAC ATHLET TRAINING: LEVEL 3A

Additional hour(s) to be arranged. Supervised clinical experiences in the application of concepts, theories, and techniques associated with the prevention, recognition, immediate care, treatment, evaluation, diagnosis, rehabilitation, and reconditioning of injuries and illnesses suffered by athletic and physically active populations. Emphasizes general medical conditions. Students use cognitive psychomotor and affective skills and knowledge to complete a prescribed set of educational competencies and clinical proficiencies under the direction of an approved clinical instructor. Prerequisite: Consent of instructor.

• 11415	TH	700 - 800	BEL 844	HANNAH, C

KIN 341 THERAPEUTIC MODALS IN ATH TRNG

Designed for athletic training majors. The study and practice of using therapeutic modalities, including soft tissue and manual therapy techniques, to treat athletic injuries. Covers physiological effects, indications, contraindications, protocols, injury pathology, and tissue healing. Prerequisite: For non-athletic training majors, consent of instructor.

• 11420	TTH	1100 - 1230P	BEL 844	HANNAH, C
	T	1000 - 1100	BEL 844	

KIN 344 THERAP EXER & REHAB: LOWER

Designed for athletic training majors. The study and practice of therapeutic exercise techniques and rehabilitation protocols in treatingathletic injuries and illnesses. Prerequisite: For non-athletic training majors, consent of instructor and concurrent enrollment in Kinesiology 344U.

• 11425	MWF	900 - 1000	BEL 844	FARR, B
	M	1100 - 1200	BEL 844	

KIN 344U THERAP EXER & REHAB: UPPER

May be repeated for credit. Designed for athletic training majors. Explores the theory and application of therapeutic exercise techniques and rehabilitation protocols. The athletics and physically active populations will be targeted and an aggressive treatment approach for the restoration of function as quickly and as safely as possible will be emphasized. The classroom and laboratory experiences will provide the student with opportunities to apply these techniques under the direct guidance of knowledgeable clinicians specializing in athletic training. Prerequisite: For non-athletic training majors, consent of instructor and concurrent enrollment in Kinesiology 344.

• 11430	MWF	1000 - 1100	BEL 844	FARR, B
	W	1100 - 1200	BEL 844	

KIN 346 ATHLETIC TRAINING PROG ADMIN

Designed for athletic training majors. The study of organizational and administrative principles involved with athletic training programs. Includes legal issues, budgetary concerns, and policies and procedures. Also includes resume development and career planning. Prerequisite: For non-athletic training majors, consent of instructor.

• 11435	TTH	800 - 930	BEL 404A	HANNAH, C

KIN 347 HIST/ETH ISS IN PHYS CUL/SPORT

Designed for applied movement science, health education, and kinesiologymajors. Explores the history of sport industry and sport science and howlaboratory revelations lead to new fitness regimens. Covers ethical issues in the field of physical culture and sport, such as the use of ergogenic drugs, the social consequences of high performance sport, and professional ethics in the fields of kinesiology and health education.

• 11440	TTH	200 - 330P	GSB 2.126	OZYURTCU, T

KIN 349 HIST OF SPORT & PHYSICAL ACTIV

Significant developments in sport and physical activity since prehistoric time; emphasis on events influencing contemporary American programs and the International Olympic Games. Restricted to students in the Bachelor of Science in Kinesiology and Health with a major in physical culture and sports or sport management. Prerequisite: Upper-division standing.

• 11445	MW	300 - 430P	BEL 962	BECKWITH, K

KIN 350 SOCIO ASPECT OF SPORT/PHYS ACT

Designed to accommodate 100 or more students. Kinesiology 350 and 352K (Topic: Sociological Aspects of Sport and Physical Activity) may not both be counted. Restricted to students in the Bachelor of Science in Kinesiology and Health with a major in physical culture and sports or sport management.

• 11450	TTH	930 - 1100	BEL 962	KELLY, D

KIN 351 PHILOS OF SPORT AND PHYS ACTIV

Designed for applied movement science, health education, and kinesiologymajors. Introduction to the ideas and methodologies of the philosophic exploration of play, sport, athletics, exercise, and the body. Emphasis on the study of sport and ethics. Prerequisite: Upper-division standing.

• 11455	TTH	1100 - 1230P	BEL 602A	OZYURTCU, T

KIN 352K NTR: EXERCISE/HEALTH/SPORT

Course number may be repeated for credit when the topics vary. Analysis and synthesis of the literature and discussion of current and specific issues in kinesiology. Prerequisite: Varies with the topic.

• 11460	TTH	930 - 1100	BEL 546F	MCGILL, L

RESEARCH METHODS IN EXER SCI

Course number may be repeated for credit when the topics vary. Analysis and synthesis of the literature and discussion of current and specific issues in kinesiology. Prerequisite: Varies with the topic.

• 11465	TTH	800 - 930	BEL 602B	LALANDE, S

SPORT AND DISABILITY

Course number may be repeated for credit when the topics vary. Analysis and synthesis of the literature and discussion of current and specific issues in kinesiology. Prerequisite: Varies with the topic.

• 11470	TTH	1100 - 1230P	BEL 858	BUCHANAN, P

SPORT PEDAGOGY

Course number may be repeated for credit when the topics vary. Analysis and synthesis of the literature and discussion of current and specific issues in kinesiology. Prerequisite: Varies with the topic. meets with EDC 350.

• 11475	MWF	100 - 200P	BEL 602A	CASTELLI, D

28-MUSCULOSKLTL FUNCTNL ANTMY

Course number may be repeated for credit when the topics vary. Analysis and synthesis of the literature and discussion of current and specific issues in kinesiology. Analysis and synthesis of the literature and discussion of current and specific issues in kinesiology. Kinesiology 352K (Topic 28) and 352K (Topic: MUSCULOSKLTL FUNCTNL ANTMY)may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Kinesiology 424K and consent of department.

• 11480	TTH	930 - 1100	BEL 404A	STONE, A

March 3, 2010

course	unique	days	time	room	instructor

KIN 353 SPORT LAW

Designed for sport management majors. Introduction to the United States legal system and to the major cases, laws, and regulations that togethermake up "sports law." Prerequisite: Upper-division standing.

• 11485	T	1100 - 100P	BEL 546F	HUNT, T
	TH	1100 - 1200	BEL 546F	
• 11490	T	1100 - 100P	BEL 546F	HUNT, T
	TH	1200 - 100P	BEL 546F	

KIN 354 SPORT AND EVENT MARKETING

Application of the fundamental principles used in the marketing of sportand events. An introduction to service quality for increasing customer satisfaction and effectiveness of sport organizations. Restricted to sport management majors. Prerequisite: Upper-division standing.

• 11495	MWF	1000 - 1100	BEL 602B	SPARVERO, E
• 11500	MWF	1000 - 1100	BEL 602B	SPARVERO, E
• 11505	MWF	1000 - 1100	BEL 602B	SPARVERO, E

KIN 355 MEDIA AND PUBLIC RELS IN SPORT

Designed for sport management majors. Examination and application of theconcepts of public and media relations to sport and leisure organizations. Subjects include effective interpersonal communication, persuasion, media relations, publicity tactics, social and new media, and writing and oral communications skills. Prerequisite: Upper-division standing.

• 11510	TTH	330 - 500P	BEL 602A	SWANSON, D

KIN 357 STRATEGIC MGMT OF SPORTS ORGS

Designed for sports management majors. Examines the strategic development of sport and health promotion programs. Focus on strategy development within organizations, which includes complementary course material deriving from various sub-disciplines related to strategic thinking and decision-making. Prerequisite: Upper-division standing; Kinesiology 354; and Kinesiology 356 or three hours of Accounting or three hours of Finance coursework.

• 11515	T	100 - 300P	BEL 602B	BOWERS, M
	TH	100 - 200P	BEL 602B	
• 11520	T	100 - 300P	BEL 602B	BOWERS, M
	TH	200 - 300P	BEL 602B	

KIN 360 PROG FOR PEOPLE WITH DISABILS

Additional hour(s) to be arranged. Covers early detection of disabilities in children, assessment, recommendations for educational settings, and writing an Individualized Education Program. Reviews real-life scenarios featuring individuals with disabilities in active settings. Covers skills useful for a career in a school environment, public policy, and recreation. Prerequisite: Six semester hours of coursework in kinesiology, or consent of instructor.

• 11525	TTH	1230 - 200P	BEL 326C	BUCHANAN, P

KIN 363 THRY/PRAC IN STRENGTH COACHING

Covers the physiology and biomechanics of strength training and conditioning, as well as popular assessment protocols and exercise prescription principles. Covers management of a strength/conditioning facility, including organization and administration, staff utilization, integration of weight training with other training techniques, and standard strength coaching practices. Prerequisite: Kinesiology 310 or 424K.

• 11530	MWF	800 - 900	BEL 602B	BECKWITH, K

KIN 382 4-BIOMECHANICS LABORATORY

Course number may be repeated for credit when the topics vary. Laboratory or workshop-type instruction dealing with selected problems in specialization areas of kinesiology. Prerequisite: Graduate standing. Prerequisite: Kinesiology 395 (Topic 36: Biomechanics of Human Movement), two semesters of calculus, and one semester of college physics (mechanics); or consent of instructor.

• 11535	W	900 - 1200	BEL 546C	JENSEN, J

6-ADV LAB TECHNIQ IN EXER PHYS

Course number may be repeated for credit when the topics vary. Laboratory or workshop-type instruction dealing with selected problems in specialization areas of kinesiology. Knowledge and skills needed to assess the metabolic characteristics of the rat, to evaluate the metabolic characteristics of skeletal muscle, and to perform essential biochemical assays and procedures that are typically used in biochemical and molecular biology experiments. Prerequisite: Graduate standing. Prerequisite: Consent of instructor.

• 11540	M	1000 - 1200	BEL 326C	COYLE, E
	W	500 - 700P	BEL 902	

KIN 386 2-RSCH METH: APPLIED RSCH TECH

Course number may be repeated for credit when the topics vary. Disciplines of research methods, research design, data-producing techniques, treatment and interpretation of data, reporting on research. Prerequisite: Graduate standing. meets with HED 386 (TOPIC 2).

• 11545	TH	100 - 400P	BEL 710B	HOLAHAN, C

4-RSCH METHODS GRANT WRITING

Course number may be repeated for credit when the topics vary. Disciplines of research methods, research design, data-producing techniques, treatment and interpretation of data, reporting on research. Disciplines of research methods, research design, data-producing techniques, treatment and interpretation of data, and reporting on research. Recommended for doctoral students interested in pursuing a post-doctoral experience. Kinesiology 386 (Topic: Research Methods: Grant Writing) and Kinesiology 386 (Topic 4) may not both be counted. Restricted to students in the Department of Kinesiology and Health Education. Prerequisite: Graduate standing.

• 11550	TH	100 - 400P	BEL 858	STONE, A

KIN 395 CARDIOPULMONARY EXERCISE PHYS

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 11555	M	200 - 500P	BEL 326C	LALANDE, S

CLINICAL CARDIOLOGY

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 11560	W	1000 - 1100	BEL 709A	BEASLEY, H

HUMAN DISSECTION II

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 11565	M	100 - 400P		MILLER, B

PHYS ACTIV AND PUBLIC HEAL

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with HED 395 (TOPIC 27).

• 11570	T	200 - 500P	UTA 6.300	KOHL, H

SPORT/BODY/SOCIAL THEORY

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 11575	W	500 - 800P	BEL 710B	OZYURTCU, T

1-ERGOGENIC AIDS FOR EXERCISE

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Kinesiology 325K or consent of instructor.

• 11580	T	100 - 400P	BEL 710B	TANAKA, H

9-MOTOR CNTRL: PERF AND LEARN

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Kinesiology 315 or consent of instructor.

• 11585	TTH	330 - 500P	BEL 602B	ABRAHAM, L

15-COND FOR COMPETITV ATHLETES

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. The physiological factors that govern the adaptations derived from acute and chronic exercise training. Focus will be placed on training adaptation in competitive athletes as they represent the extreme. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Kinesiology 325K or consent of instructor.

• 11590	F	1200 - 300P	BEL 710B	COYLE, E

26-LEGAL ISSUES IN SPORT

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 11595	W	1000 - 100P	BEL 326C	HUNT, T

32-SPORT MARKETING

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: An introductory undergraduate or graduate survey course in marketing.

• 11600	M	200 - 500P	BEL 602B	BOWERS, M

32-SPORT MARKETING-WB

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: An introductory undergraduate or graduate survey course in marketing. Taught as a Web-based course.

• 11605				BOWERS, M

44-SPORT FINANCE-WB

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Designed to reinforce students' understanding of finance and its role insport and health promotion programs, and to provide students with the knowledge and skills needed in the administration of sport and health promotion programs. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Taught as a Web-based course.

• 11610				SPARVERO, E

45-PEDIATRIC MOTOR DEVELOPMENT

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Kinesiology 321M, or consent of instructor.

• 11615	TH	330 - 630P	BEL 858	JENSEN, J

48-SOCL PSY OF SPORT/PHYS ACTV

Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. The theoretical structure that underlies social psychology as it has been applied to sport. Emphasis on the psychological concerns

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that confront coaches in their interactions with individual athletes and teams. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Kinesiology 311K or consent of instructor.
• 11620 W 300 - 600P BEL 326C GNAGY, E

57-MANAGING PEOPLE AND ORGS
Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Graduate-level preparation in select subjects in organizational behavior and human resources management. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Previous coursework in foundations of organizational behavior and administration.
• 11625 T 500 - 800P BEL 710B SPARVERO, E

71-COGN/EXERC ACROSS LIFESPAN
Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Detailed study of the relationship between brain health and physical activity behaviors across the developmental life stages; focused on the effects of physical activity programming on cognitive control and performance. Kinesiology 395 (Topic: Cognition and Exercise Across the Lifespan) and 395 (Topic 71: Cognition and Exercise Across the Lifespan) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 11630 F 900 - 1200 BEL 326C CASTELLI, D

74-HIS OF PHYS CUL AND ALT MED
Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Examines the history of the various practices used to strengthen, enhance, and improve the health of the body through exercise, dietary manipulation, and other holistic practices. Kinesiology 395 (Topic: History of Physical Culture and Alternative Medicine) and Kinesiology 395 (Topic 74) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 11635 TH 500 - 800P BEL 602A TODD, J

77-STRATEGIC MGMT IN SPORT
Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Graduate level preparation in developing and analyzing organizational strategies. Preparation for consultancy work as well as composing and analyzing business plans. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 11640 M 500 - 800P BEL 962 SPARVERO, E

KIN 196 DOCTORAL SEMINAR
May be repeated for credit. Individual or shared project research with reports evaluated by seminar participants and the instructor. Prerequisite: Graduate standing and written consent form.
• 11645 F 1200 - 100P BEL 710B TANAKA, H

KIN 396T DIRECTED RESEARCH
Hour(s) to be arranged. May be repeated for credit. Investigation of assigned problems under direction of a Graduate Studies Committee member; development and demonstration of competence in research design and execution; production of an acceptably written research report. Prerequisite: Graduate standing and written consent form.
• 11650

KIN 397P GRADUATE INTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Supervised practice in a professional organization, business, or institution. Prerequisite: Graduate standing, a University grade point average of at least 3.00 and a grade point average in the major department of at least 3.00, and written consent form.
• 11655

KIN 697P GRADUATE INTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Supervised practice in a professional organization, business, or institution. Prerequisite: Graduate standing, a University grade point average of at least 3.00 and a grade point average in the major department of at least 3.00, and written consent form.
• 11660

KIN 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in kinesiology and written consent of the graduate adviser; for 698B, Kinesiology 698A and written consent of the graduate adviser.
• 11665

KIN 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in kinesiology and written consent of the graduate adviser; for 698B, Kinesiology 698A and written consent of the graduate adviser.
• 11670

KIN 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in kinesiology and written consent of the graduate adviser.
• 11675

KIN 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form.
• 11680

KIN 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form.
• 11685

KIN 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form.
• 11690

KIN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Kinesiology 399R, 699R, or 999R; and written consent form.
• 11695

KIN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Kinesiology 399R, 699R, or 999R; and written consent form.
• 11700

KIN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Kinesiology 399R, 699R, or 999R; and written consent form.
• 11705

PED 101J 1-BEGINNING SWIMMING I
Course number may be repeated for credit when the topics vary. Elementary physical and mental adjustments, four basic strokes, water safety. For nonswimmers.
• 11760 TTH 200 - 330P GRE POOL CROWLEY, D

2-BEGINNING SWIMMING II
Course number may be repeated for credit when the topics vary. Five basic strokes, elementary diving, water safety. For well-adjusted but weak swimmers.
• 11765 TTH 300 - 430P GRE POOL CROWLEY, D
• 11770 TTH 400 - 530P GRE POOL CROWLEY, D

5-STROKE TECH & FITNESS SWIM
Course number may be repeated for credit when the topics vary.
• 11775 TTH 900 - 1030 TSC POOL CROWLEY, D

5-STROKE TECH & FITNESS SWIM
Course number may be repeated for credit when the topics vary. meets with KIN 119 (TOPIC 8).
• 11780 TTH 800 - 930 TSC POOL CROWLEY, D

PED 103L 1-BEGIN SOCIAL DANCE: LEADS
Course number may be repeated for credit when the topics vary. Introduction to popular social partner dances, including swing, waltz, two-step, salsa, tango and more. Emphasis on connecting with a dance partner and the art of leading and following. Only one of the following may be counted: Kinesiology 119 (Topic 16), Kinesiology 119 (Topic 20), Physical Education 103L (Topic 1), 103L (Topic 7). Prerequisite: Varies with the topic. meets with KIN 119 (TOPIC 20), KIN 119 (TOPIC 16), PED 103L (TOPIC 7).
• 11785 TTH 1200 - 130P BEL 628 ENGE, N
• 11790 TTH 100 - 230P BEL 628 ENGE, N

4-INTRMD SCL DANCE: FOLLOWS
Course number may be repeated for credit when the topics vary. An intermediate survey of popular social dances. Includes more complex partnering and variations in familiar and new dance styles. Only one of the following may be counted: Physical Education 103L (Topic2), 103L (Topic 4), 103L (Topic 8). Prerequisite: Varies with the topic. meets with PED 103L (TOPIC 8).
• 11795 TTH 200 - 330P BEL 402A ENGE, N
• 11800 TTH 300 - 430P BEL 402A ENGE, N

7-BEGIN SOCIAL DANCE: FOLLOWS
Course number may be repeated for credit when the topics vary. Introduction to popular social dances, including swing, waltz, two-step,salsa, tango, and more. Emphasis on connecting with a dance partner and the art of leading and following. Only one of the following may be counted: Kinesiology 119 (Topic 16), Kinesiology 119 (Topic 20), Physical Education 103L (Topic 1), 103L (Topic 7). Prerequisite: Varies with the topic. meets with KIN 119 (TOPIC 20), KIN 119 (TOPIC 16), PED 103L (TOPIC 1).
• 11805 TTH 1200 - 130P BEL 628 ENGE, N
• 11810 TTH 100 - 230P BEL 628 ENGE, N

8-INTERMD SOCIAL DANCE: LEADS
Course number may be repeated for credit when the topics vary. An intermediate survey of popular social partner dances. Includes advanced partnering, role reversal, and an emphasis on creativity and style. Only one of the following may be counted: Physical Education 103L (Topic2), 103L (Topic 4), 103L (Topic 8). Prerequisite: Varies with the topic. Additional prerequisite: Physical Education 103L (Topic 1) and audition on first class meeting. meets with PED 103L (TOPIC 4).
• 11815 TTH 200 - 330P BEL 402A ENGE, N
• 11820 TTH 300 - 430P BEL 402A ENGE, N

PED 104P 1-BEGINNING TENNIS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. For the nonplayer.
• 11825 TTH 930 - 1100 BEL 348 SANDERS, M
• 11830 MW 100 - 230P BEL 348 SANDERS, M
• 11835 TTH 200 - 330P BEL 348 SANDERS, M

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course	unique	days	time	room	instructor

1-BEGINNING TENNIS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. For the nonplayer. meets with PED 107D (TOPIC 3).

• 11840	TTH	1100 - 1230P	BEL 348	SANDERS, M
• 11845	MW	1200 - 130P	BEL 628	SANDERS, M

PED 104R 1-BEGINNING RACQUETBALL
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. For the nonplayer.

• 11850	TTH	1100 - 1230P	RSC COURTS	LEE, C

PED 105C 1-BEGINNING HANDBALL
Course number may be repeated for credit when the topics vary. For the nonplayer.

• 11855	MW	1100 - 1230P	GRE COURTS	LEE, C
• 11860	TTH	1100 - 1230P	GRE COURTS	LEE, C
• 11865	TTH	200 - 330P	GRE COURTS	LEE, C

2-INTERMEDIATE HANDBALL
Course number may be repeated for credit when the topics vary. Additional prerequisite: Physical Education 105C (Topic 1) or consent ofinstructor.

• 11870	MW	200 - 330P	GRE COURTS	LEE, C

PED 105R 1-BEGINNING KARATE/TAE KWON DO
Course number may be repeated for credit when the topics vary. Includes self-defense. Prerequisite: No experience required.

• 11875	MW	900 - 1030	BEL 904	YOON, S
• 11880	TTH	900 - 1030	BEL 904	YOON, S
• 11885	MW	1000 - 1130	BEL 904	YOON, S
• 11890	MW	1100 - 1230P	BEL 904	YOON, S

2-INTERMED KARATE/TAE KWON DO
Course number may be repeated for credit when the topics vary. Includes self-defense. Additional prerequisite: Karate/Taekwondo experience.

• 11895	MW	1200 - 130P	BEL 904	YOON, S

PED 105T 1-BEGINNING JUDO
Course number may be repeated for credit when the topics vary. Includes self-defense. Prerequisite: No experience required.

• 11900	TTH	1100 - 1230P	BEL 904	YOON, S

PED 105U BEGIN HAPKIDO/SELF-DEFENSE
Physical Education 105T (Topic: Beginning Hapkido/Self-Defense) and 105Umay not both be counted.

• 11905	TTH	1000 - 1130	BEL 904	YOON, S

PED 106C 1-SWIM CONDITIONING
Course number may be repeated for credit when the topics vary. Additional prerequisite: Comfortable in deep water and able to swim 50 yards.

• 11910	TTH	830 - 1000	TSC 1.116	CROWLEY, D
• 11915	TTH	930 - 1100	TSC POOL	CROWLEY, D
• 11920	TTH	1030 - 1200	TSC POOL	CROWLEY, D
• 11925	TTH	1130 - 100P	TSC POOL	CROWLEY, D
• 11930	TTH	1200 - 130P	TSC 1.100	CROWLEY, D

1-SWIM CONDITIONING
Course number may be repeated for credit when the topics vary. Additional prerequisite: Comfortable in deep water and able to swim 50 yards. meets with KIN 119 (TOPIC 8).

• 11935	TTH	1000 - 1130	TSC POOL	CROWLEY, D
• 11940	TTH	1100 - 1230P	TSC POOL	CROWLEY, D

2-CARDIOVAS & WEIGHT TRAINING
Course number may be repeated for credit when the topics vary. meets with PED 106C (TOPIC 7).

• 11945	TTH	800 - 930	RSC 1.136	MCLAGAN, N
• 11950	MW	900 - 1030	RSC 1.136	MCLAGAN, N
• 11955	MW	1000 - 1130	RSC 1.136	MCLAGAN, N
• 11960	MW	1100 - 1230P	RSC 1.136	MCLAGAN, N
• 11965	TTH	1100 - 1230P	RSC 1.136	MCLAGAN, N

3-AEROBIC WALKING
Course number may be repeated for credit when the topics vary.

• 11970	TTH	930 - 1100	BEL 302	MCLAGAN, N
• 11975	MW	1100 - 1230P	BEL 302	MCLAGAN, N

3-AEROBIC WALKING
Course number may be repeated for credit when the topics vary. meets with PED 106D (TOPIC 3).

• 11980	MW	1000 - 1130	BEL 302	MCLAGAN, N

5-BODY WORKS
Course number may be repeated for credit when the topics vary. Step training with emphasis on muscular/strength endurance work, and inclusion of yoga and pilates. Combines aerobic conditioning with muscular work for a shorter, more intense aerobic segment followed by a challenging muscular workout for the trunk and upper and lower body. Designed to improve body composition, aerobic capacity, muscular endurance, muscular strength, and overall flexibility.

• 11985	MW	1200 - 130P	RSC 1.106	MCLAGAN, N
• 11990	TTH	1230 - 200P	RSC 1.106	MCLAGAN, N

6-CIRCUIT AEROBICS
Course number may be repeated for credit when the topics vary.

• 11995	MW	1000 - 1130	RSC 1.106	MCLAGAN, N
• 12000	TTH	1100 - 1230P	RSC 1.106	MCLAGAN, N

7-WEIGHT TRAINING
Course number may be repeated for credit when the topics vary.

• 12005	MW	800 - 930	RSC 1.136	BECKWITH, K
• 12010	TTH	900 - 1030	RSC 1.136	BECKWITH, K
• 12015	TTH	1000 - 1130	RSC 1.136	BECKWITH, K
• 12020	MW	1200 - 130P	STD 3.202	BECKWITH, K
• 12025	TTH	1200 - 130P	STD 3.202	BECKWITH, K
• 12030	MW	100 - 230P	STD 3.202	BECKWITH, K
• 12035	TTH	100 - 230P	STD 3.202	BECKWITH, K
• 12040	MW	200 - 330P	STD 3.202	BECKWITH, K
• 12045	TTH	200 - 330P	STD 3.202	BECKWITH, K
• 12050	MW	300 - 430P	STD 3.202	BECKWITH, K
• 12055	TTH	300 - 430P	STD 3.202	BECKWITH, K

7-WEIGHT TRAINING
Course number may be repeated for credit when the topics vary. meets with PED 106C (TOPIC 2).

• 12060	TTH	800 - 930	RSC 1.136	BECKWITH, K
• 12065	MW	900 - 1030	RSC 1.136	BECKWITH, K
• 12070	MW	1000 - 1130	RSC 1.136	BECKWITH, K
• 12075	MW	1100 - 1230P	RSC 1.136	BECKWITH, K
• 12080	TTH	1100 - 1230P	RSC 1.136	BECKWITH, K

PED 106D 1-BEGINNING RUNNING I
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 12085	MW	800 - 930	BEL 302	MCLAGAN, N

2-INTERMEDIATE RUNNING
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 12090	MW	900 - 1030	BEL 302	MCLAGAN, N

3-ADVANCED RUNNING
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with PED 106C (TOPIC 3).

• 12095	MW	1000 - 1130	BEL 302	MCLAGAN, N

PED 107D 1-BEGINNING GOLF
Course number may be repeated for credit when the topics vary.

• 12100	MW	900 - 1030	BEL 628	GNAGY, E
• 12105	TTH	900 - 1030	BEL 348	GNAGY, E
• 12110	MW	1000 - 1130	BEL 628	GNAGY, E
• 12115	TTH	1000 - 1130	BEL 348	GNAGY, E
• 12120	MW	1100 - 1230P	BEL 628	GNAGY, E

2-INTERMEDIATE GOLF
Course number may be repeated for credit when the topics vary. Additional prerequisite: One semester of beginning golf or an eighteen hole scoring average of seventy five to ninety.

• 12125	T	200 - 500P	BEL 348	GNAGY, E

3-BEGINNING GOLF II
Course number may be repeated for credit when the topics vary. Physical Education 107D (Topic: Beginning Golf II) and 107D (Topic 3) may not both be counted. Additional prerequisite: Physical Education 107D (Topic 1). meets with PED 104P (TOPIC 1).

• 12130	TTH	1100 - 1230P	BEL 348	GNAGY, E
• 12135	MW	1200 - 130P	BEL 628	GNAGY, E

PED 108C 4-BASKETBALL: ALL LEVEL
Course number may be repeated for credit when the topics vary. Physical Education 108C (Topic: Basketball: All Level) and 108C (Topic 4) may not both be counted.

• 12140	MW	800 - 930	GRE 3.114	RICH, G
• 12145	TTH	800 - 930	GRE 3.114	RICH, G
• 12150	TTH	930 - 1100	GRE 3.114	RICH, G
• 12155	MW	1000 - 1130	GRE 3.114	RICH, G

PED 108J 2-INTERMED POWER VOLLEYBALL
Course number may be repeated for credit when the topics vary. For those with good basic skills: bump, set, spike, serve.

• 12160	MW	930 - 1100	GRE 3.108	RICH, G

PED 108S 2-INTERMEDIATE SOFTBALL
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. For those with experience and good basic skills.

• 12165	MW	1200 - 130P	GRE 1.104	RICH, G

SCIENCE

Science - SCI

SCI 365 PHYSICS BY INQUIRY
Investigates two areas of natural sciences and technology: electric circuits, an engineered phenomenon, and optics, the interaction of lightand vision, physical and biological natural phenomena. Science 360 (Topic 4) and 365 may not both be counted.

• 12220	TTH	430 - 600P	SZB 316	MARSHALL, J

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SCIENCE AND MATHEMATICS EDUCATION

Science-Mathematics Education - SME

DEPARTMENT OF SPECIAL EDUCATION

Special Education - SED

SED 303 AUTISM SPECTRUM DISORDER-WB

Hour(s) to be arranged. Focus on approaches and strategies that help improve the lives of peoplewith ASD. Examines the role research plays in what people know about various claims. Explores how research findings are communicated, and how to best translate research findings into everyday language. Taught as a Web-based course.

• 12275 TACKETT, K

SED 378T AUGMENTATV/ALTERNATV COMM

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with CSD 352.

• 12294 TTH 330 - 500P BUR 208 KOUL, R

INTRO EARLY CHILDHOOD INTERVEN

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Additional hour(s) to be arranged. meets with PSY 341K, HDF 378K (TOPIC 6).

• 12295 M 500 - 800P CPE 2.210 MOYER-TRIMYER, R

TEACH MATH TO STDTS WITH DISAB

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Topic title: Teaching math to students with disabilities.

• 12300

SED 380 RES QUES IN SPED USING DATASET

Course number may be repeated for credit when the topics vary. Study of critical issues in culture, language, and disability. Special Education 380 and 393 may not both be counted unless the topics vary. Special Education 380 and 395 may not both be counted unless the topics vary. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, sociology, or other behavioral sciences; and consent of instructor; additional prerequisites vary with the topic. Topic title: Addressing critical research questions in special education using national datasets.

• 12305 W 100 - 400P SZB 368 COOC, N

10-CUL/LING DIVR SED/REH COUNS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of critical issues in culture, language, and disability. An overview of issues, problems, and emerging practices related to culturally and linguistically diverse students served in special education. Special Education 380 and 393 may not both be counted unless the topics vary. Special Education 380 and 395 may not both be counted unless the topics vary. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, sociology, or other behavioral sciences; and consent of instructor; additional prerequisites vary with the topic.

• 12310 M 700 - 1000P BEN 1.104 PARK, S
• 12315 M 700 - 1000P SZB 284 SCHALLER, J
• 12320 M 700 - 1000P SZB 292 MARTINEZ, J

17-DVRSTY/DSBLTY: CONT PERSPS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of critical issues in culture, language, and disability. Special Education 380 and 393 may not both be counted unless the topics vary. Special Education 380 and 395 may not both be counted unless the topics vary. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, sociology, or other behavioral sciences; and consent of instructor; additional prerequisites vary with the topic. meets with SED 387 (TOPIC 24).

• 12324 T 100 - 400P SZB 368 COOC, N

SED 383 FOUNDATNS OF SPECIAL EDUCATION

Course number may be repeated for credit when the topics vary. Nature of the characteristics of learning disabilities and their effect on learning; assessment and progress monitoring measures; and individualized, differentiated strategies, interventions, technologies, and materials. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic.

• 12325 M 400 - 700P BRYANT, D

INTRVN RSCH IN LEARNING DISABL

Course number may be repeated for credit when the topics vary. Nature of the characteristics of learning disabilities and their effect on learning; assessment and progress monitoring measures; and individualized, differentiated strategies, interventions, technologies, and materials. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic.

• 12330 W 400 - 700P CLEMENS, N

7-ASSESSMENT IN SPECIAL EDUC

Course number may be repeated for credit when the topics vary. Nature of the characteristics of learning disabilities and their effect on learning; assessment and progress monitoring measures; and individualized, differentiated strategies, interventions, technologies, and materials. The basic concepts related to the assessment of exceptional individuals. Prerequisite: Graduate standing; twelve semester hours of upper-division-coursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic.

• 12335 TH 400 - 700P POWELL, S

SED 384 INSTRUCTN/INTERVENTN IN ECSE

Course number may be repeated for credit when the topics vary. Education variables related to educational services and research for young children are investigated in terms of etiology, assessment, curriculum models, educational settings, and interdisciplinary programming. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic. Topic title: Instruction and intervention in early childhood special education.

• 12340 T 400 - 700P SZB 292 SANDBANK, M

1-OVERVIEW EARLY CHILDHD SED

Course number may be repeated for credit when the topics vary. Education variables related to educational services and research for young children are investigated in terms of etiology, assessment, curriculum models, educational settings, and interdisciplinary programming. The educational and emotional needs of young disabled children (birth to age six) and the techniques for implementing a "whole child" educational approach to meet the needs of the child and the family. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic.

• 12345 W 400 - 700P SZB 292 SANDBANK, M

SED 386 11-POS BEH INT SUPP/CLSRM MGMT

Course number may be repeated for credit when the topics vary. Discussion of behavioral disorders, contributory factors; psychological and educational diagnoses applied to educational programming. Study of the basic principles of human behavior, and the application of those principles to teaching positive behavior support and designing effective classrooms. Designed to prepare teachers and clinicians who will be in general and special education settings with children of all ages with and without disabilities. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic.

• 12350 W 500 - 800P

SED 387 INTRO TO VOCATION REHAB COUNS

Course number may be repeated for credit when the topics vary. Study of rehabilitation counseling: basic orientation and process and procedures; related biomedical, psychological, and community aspects; specialized programs and field experiences. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, sociology, or other behavioral sciences; and consent of instructor; additional prerequisites vary with the topic.

• 12355 M 100 - 400P SZB 368

PSYCHOSOC ASPECTS DISABL CONDS

Course number may be repeated for credit when the topics vary. Study of rehabilitation counseling: basic orientation and process and procedures; related biomedical, psychological, and community aspects; specialized programs and field experiences. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, sociology, or other behavioral sciences; and consent of instructor; additional prerequisites vary with the topic.

• 12360 M 1000 - 100P SZB 368 SCHALLER, J

24-GRP/INDIV MTHDS REHAB COUNS

Course number may be repeated for credit when the topics vary. Study of rehabilitation counseling: basic orientation and process and procedures; related biomedical, psychological, and community aspects; specialized programs and field experiences. Basic issues and key concepts of the group process. Analysis of the therapeutic process, stages of development, and practices. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, sociology, or other behavioral sciences; and consent of instructor; additional prerequisites vary with the topic. meets with SED 380 (TOPIC 17).

• 12365 T 100 - 400P SZB 368 SCHALLER, J

SED 388 3-TCH INDIVS WITH AUT/DEV DIS

Course number may be repeated for credit when the topics vary. An intensive study of the psychological, sociological, physiological, and educational factors relating to the assessment, learning, and teaching of children with autism and other developmental disabilities. Includes affective, cognitive, and psychomotor development of individuals with physical disabilities. Development of highly specialized skills needed to teach those with developmental disabilities. Emphasis is on the basic principles of learning that underlie effective instructional strategies and on ways to structure the environment to promote learning. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic.

• 12370 M 400 - 700P
• 12375 M 400 - 700P SZB 292 LITTLE, A

7-CHALLENGING BEHAV/DEV DISBL

Course number may be repeated for credit when the topics vary. An intensive study of the psychological, sociological, physiological, and educational factors relating to the assessment, learning, and teaching of children with autism and other developmental disabilities. Includes affective, cognitive, and psychomotor development of individuals

course unique days time room instructor

with physical disabilities. The nature, assessment, and treatment of the challenging behaviors that are prevalent in individuals with developmental disabilities, such as aggression, self-injury, property destruction, tantrums, and stereotyped movements. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic.
- 12380 TH 400 - 700P FRAGALE, C
- 12385 TH 400 - 700P SZB 434 O'REILLY, M

14-PRAC: PROF/ETH PRACTICE
Course number may be repeated for credit when the topics vary. An intensive study of the psychological, sociological, physiological, and educational factors relating to the assessment, learning, and teaching of children with autism and other developmental disabilities. Includes affective, cognitive, and psychomotor development of individuals with physical disabilities. Prerequisite: Graduate standing; twelve semester hours of upper-divisioncoursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor; additional prerequisites vary with the topic.
- 12390 W 100 - 400P LITTLE, A
- 12395 W 400 - 700P FRAGALE, C
- 12400 W 700 - 1000P SZB 368 LITTLE, A

SED 389 POLICY/PROCEDURE IN SED ADMIN
Course number may be repeated for credit when the topics vary. Study of the content and process of special education administration, including technological forecasting methods, case law as it applies to people with disabilities, management of problem employee styles, and related topics. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, or other behavioral sciences, including a course in special education; and consent of instructor.
- 12405 W 430 - 730P SPENCER, J

SED 395 4-INDEPEND STD IN LEARN DISABL
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Individual research planned, executed, and reported under supervision. Special Education 380 and 395 may not both be counted unless the topics vary. Prerequisite: Admission to an approved program of graduate study or to candidacy for the doctoral degree in education, or graduate standing and consent of instructor; additional prerequisites vary with the topic.
- 12410

8-INDEP STUDY IN AUT/DEVEL DIS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Individual research planned, executed, and reported under supervision. Special Education 380 and 395 may not both be counted unless the topics vary. Prerequisite: Admission to an approved program of graduate study or to candidacy for the doctoral degree in education, or graduate standing and consent of instructor; additional prerequisites vary with the topic.
- 12415

SED 695SA PROFESSIONAL SEMINAR
Forum for students to become familiar with the areas of study, research, and professional practice within special education. Students also refine their professional writing and communication skills, critically evaluate current and emerging research in the field, and examine the historical, legal, philosophical, and theoretical foundations of special education. Required of all doctoral students. Prerequisite: For 695SA, graduate standing and admission to the doctoralprogram in special education; for 695SB, Special Education 695SA.
- 12420 M 400 - 700P CLEMENS, N

SED 696A RESEARCH MENTORING
Hour(s) to be arranged. Offered on the credit/no credit basis only. Designed to develop the knowledge and skills students need in order to conduct research. Under the supervision of a three-member committee, students develop a publishable-quality synthesis of the professional literature on a topic related to their research interests. Required of all doctoral students prior to admission to candidacy. Prerequisite: For Special Education 696A, graduate standing, completion of specialization core requirements, at least three graduate courses in research methods and data analysis, and consent of the graduate adviser; for Special Education 696B, 696A.
- 12425

SED 696B RESEARCH MENTORING
Hour(s) to be arranged. Offered on the credit/no credit basis only. Designed to develop the knowledge and skills students need in order to conduct research. Under the supervision of a three-member committee, students develop a publishable-quality synthesis of the professional literature on a topic related to their research interests. Required of all doctoral students prior to admission to candidacy. Prerequisite: For Special Education 696A, graduate standing, completion of specialization core requirements, at least three graduate courses in research methods and data analysis, and consent of the graduate adviser; for Special Education 696B, 696A.
- 12430

SED 396C TRENDS/ISS IN MCSE
Course number may be repeated for credit when the topics vary. An examination of current trends and issues in areas within special education and rehabilitation counselor education that influence policiesand procedures in the public schools, teacher preparation programs, and community agencies. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, sociology, or other behavioral sciences; and consent of instructor; additional prerequisites vary with the topic.
- 12435 T 400 - 700P SZB 368

SED 396R 2-SINGLE-SUBJECT RSCH DESIGN
Course number may be repeated for credit when the topics vary. The use of single-subject research designs to make data-based decisions about program effectiveness and student outcomes; integration of appliedresearch into classroom instruction as part of evidence-based professional practice in educating students with severe and multiple disabilities. Prerequisite: Graduate standing, twelve semester hours of upper-divisioncoursework in education, and consent of instructor.
- 12440 TH 400 - 700P SZB 292 FALCOMATA, T

SED 396T DIR RSCH IN AUTISM/DEVEL DIS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twelve semester hours of upper-division coursework in education, and consent of instructor.
- 12445

4-DIR RSCH IN LEARNING DISABIL
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twelve semester hours of upper-division coursework in education, and consent of instructor. Partially taught as a Web-based course.
- 12450

SED 397C ADVANCED COLLEGE TEACHING
Hour(s) to be arranged. May be repeated for credit. Supervised teaching experience at the college level. Prerequisite: Graduate standing, admission to an approved program of graduate study or admission to candidacy for the doctoral degree in special education, Special Education 398T, and consent of the graduate adviser.
- 12455

SED 397P GRADUATE INTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Supervised practice in a professional position. Prerequisite: Graduate standing, twelve semester hours of upper-division coursework in education, and consent of instructor.
- 12460

SED 697P GRADUATE INTERNSHIP
Hour(s) to be arranged. May be repeated for credit. Supervised practice in a professional position. Prerequisite: Graduate standing, twelve semester hours of upper-division coursework in education, and consent of instructor.
- 12465

SED 397S SUPV TEACHING IN SPECIAL EDUC
Hour(s) to be arranged. Instruction in the supervision of student teachers and observers at the undergraduate level. Prerequisite: Graduate standing, appointment as a teaching assistant andsupervisor of undergraduate student teachers, and consent of instructor. Topic title: High-incidence disabilities student teaching.
- 12470

SED 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in special education and consent of the supervising professor and the graduate adviser; for 698B, Special Education 698A.
- 12475

SED 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in special education and consent of the supervising professor and the graduate adviser; for 698B, Special Education 698A.
- 12480

SED 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in special education and consent of the graduate adviser.
- 12485

SED 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
- 12490

SED 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
- 12495

SED 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
- 12500

SED 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Special Education 399R, 699R, or 999R.
- 12505

SED 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Special Education 399R, 699R, or 999R.
- 12510

SED 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Special Education 399R, 699R, or 999R.
- 12515

April 5, 2018

COCKRELL SCHOOL OF ENGINEERING

ENGINEERING STUDIES

Engineering Studies - E S

E S 102 SPATIAL VISUALIZATION

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Instruction in the learned ability to mentally manipulate two- and three-dimensional structures. Engineering Studies 102 and General Engineering 119, 219, 319 (Topic: Spatial Visualization) may not both be counted. Restricted to engineering majors.

• 12565	W	500 - 700P	WAG 112	SPEITEL, G
• 12566	W	200 - 400P	UTC 1.136	SPEITEL, G
• 12567	T	800 - 1000	GDC 2.210	SPEITEL, G
• 12568	TH	1100 - 100P	JES A207A	SPEITEL, G

SPATIAL VISUALIZATION

Offered on the letter-grade basis only. Instruction in the learned ability to mentally manipulate two- and three-dimensional structures. Engineering Studies 102 and General Engineering 119, 219, 319 (Topic: Spatial Visualization) may not both be counted. Restricted to engineering majors.

• 12569	M	300 - 500P		SPEITEL, G

E S 321G GLUE UNDERGRAD RESEARCH

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Research experience and seminar for undergraduate engineers. Seminar involves workshops, discussion, and oral reports. Semester long researchproject required. Only one of the following may be counted unless topics vary: EngineeringStudies 122, 222, 322, 321G (or 322G), General Engineering 222. Restricted to engineering majors. Prerequisite: Consent of instructor.

• 12570	T	330 - 500P	EER 1.528	KINNEY, K

E S 122 ENGINEERING AMBASSADOR SEMINAR

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Small-group seminar involving reading, discussion, and oral reports. Only one of the following may be counted unless topics vary: EngineeringStudies 122, 222, 322, 321G (or 322G), General Engineering 222. Restricted to engineering students.

• 12575	T	400 - 500P	EER 1.504	SPEITEL, G

E S 222 EOE CAREER DEVELOPMENT SEMINAR

Designed to accommodate 35 or fewer students. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Small-group seminar involving reading, discussion, and oral reports. Only one of the following may be counted unless topics vary: EngineeringStudies 122, 222, 322, 321G (or 322G), General Engineering 222. Restricted to engineering students.

• 12580	TH	330 - 530P	EER 1.522	SPEITEL, G

WEP LEADERSHIP SEMINAR

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Small-group seminar involving reading, discussion, and oral reports. Only one of the following may be counted unless topics vary: EngineeringStudies 122, 222, 322, 321G (or 322G), General Engineering 222. Restricted to engineering students.

• 12585	W	300 - 500P	EER 1.528	SPEITEL, G

E S 260 SERVICE LEARNING FOR ENGINEERS

Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Barbara Jordan Elementary School in Austin, Texas.

• 12590	W	230 - 430P		CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS

Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Barrington Elementary School in Austin, Texas.

• 12595	M	230 - 430P		CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS

Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Bedichek Middle School in Austin, Texas.

• 12600	TH	330 - 530P		CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS

Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite:

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Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Fulmore Middle School in Austin, Texas.
• 12605 TH 230 - 430P CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS
Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Garcia Middle School in Austin, Texas.
• 12610 W 330 - 530P CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS
Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Lamar Middle School in Austin, Texas.
• 12615 T 330 - 530P CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS
Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Manor Middle School in Manor, Texas.
• 12620 T 230 - 430P CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS
Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Overton Elementary School in Austin, Texas.
• 12625 W 230 - 430P CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS
Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught at Sims Elementary School in Austin, Texas.
• 12630 M 330 - 530P CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS
Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught in Austin-area public schools.
• 12635 T 230 - 430P CRAWFORD, R
• 12640 TH 230 - 430P CRAWFORD, R
• 12645 W 330 - 530P CRAWFORD, R

E S 360 SERVICE LEARNING FOR ENGINEERS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised participation in a service-learning project that helps meet a community need. May be repeated for credit when the projects vary. With approval of the student's major department, may be counted toward an engineering degree. Prerequisite: Consent of instructor. Restricted to students in the Student Engineers Educating Kids program. Taught in Austin-area public schools.
• 12650 CRAWFORD, R

E S 360M EXPERIMENTS IN MSE
Designed to accommodate 35 or fewer students. Hands-on lab-based course designed to teach practical techniques in the synthesis and characterization of materials and their properties, and touse experiments to explore fundamental and potentially abstract materials concepts. Engineering Studies 360M and 377 (Topic: Experiments in Materials Science and Engineering) may not both be counted. Prerequisite: Chemistry 301, Math 408C, 408D and 427J, and Physics 303K and 303L. For students in majors that offer an introductory materials science and engineering course, it is advised to take it prior to taking this course.
• 12655 M 200 - 500P EER 1.522 KOVAR, D

E S 177 LONGHORN STARTUP SEMINAR
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MAN 137, COM 125, C S 178, F A 170.
• 12660 TH 600 - 800P GDC 2.216 BAER, J

E S 277K PROJ DEV UNDERSERVED COMMTY
Offered on the letter-grade basis only. Focus on skills to initiate, evaluate, and plan an international engineering service project with an underserved community. Only one of the following may be counted: Engineering Studies 277K, Civil Engineering 277K (Topic: Project Development for Underserved Communities), Mechanical Engineering 279M (Topic: Project Development for Underserved Communities). Restricted to engineering and social work majors. Prerequisite: Consent of the instructor.
• 12665 M 400 - 600P ETC 2.132 O'CONNOR, J
F 330 - 530P ETC 2.114

E S 079M UNDERGRAD RESEARCH EXPERIENCE
Designed to accommodate 35 or fewer students. Restricted to undergraduate students in the Equal Opportunity in Engineering Program. Prerequisite: A major in engineering and a University grade point average of at least 3.00.
• 12670 W 400 - 500P EER 1.522 SPEITEL, G

GENERAL ENGINEERING

General Engineering - G E

G E 102E SUPPL INSTRUCTN FOR E E 302
Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Electrical Engineering 302. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Electrical Engineering 302.
• 12725 MW 1100 - 1200 SPEITEL, G

G E 204J SUPPL INSTRUCTN FOR M 427J
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 427J. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematic 427J.
• 12730 MW 300 - 500P PAR 303 SPEITEL, G
• 12735 MW 300 - 500P RLM 5.114 SPEITEL, G
• 12740 TTH 330 - 530P CAL 221 SPEITEL, G
• 12745 TTH 330 - 530P CAL 419 SPEITEL, G

SUPPL INSTRUCTN FOR M 427J
Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 427J. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematic 427J.
• 12750 MW 500 - 700P CLA 0.108 SPEITEL, G
• 12755 MW 500 - 700P MEZ B0.302 SPEITEL, G
• 12760 MW 500 - 700P MEZ 2.118 SPEITEL, G
• 12765 TTH 530 - 730P GAR 0.120 SPEITEL, G
• 12770 TTH 530 - 730P GAR 0.132 SPEITEL, G

G E 105G SUPPL INSTRUCTN FOR M 305G
Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 305G. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematic 305G.
• 12775 MW 500 - 600P GDC 2.502 SPEITEL, G

SUPPL INSTRUCTN FOR M 305G
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 305G. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematic 305G.
• 12777 MW 500 - 600P RLM 6.112 SPEITEL, G

G E 106D SUPPL INSTRUCTION FOR CH 301
Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Chemistry 301. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Chemistry 301.
• 12780 TTH 830 - 930 SPEITEL, G
• 12785 MW 900 - 1000 CLA 0.108 SPEITEL, G
• 12790 MW 900 - 1000 MEZ 1.216 SPEITEL, G
• 12795 MW 1100 - 1200 SPEITEL, G
• 12800 TTH 1200 - 100P SPEITEL, G
• 12805 MW 300 - 400P SPEITEL, G
• 12810 MW 300 - 400P SPEITEL, G
• 12815 TTH 330 - 430P SPEITEL, G
• 12820 TTH 330 - 430P SPEITEL, G

SUPPL INSTRUCTION FOR CH 301
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Chemistry 301. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Chemistry 301.
• 12825 TTH 330 - 430P CAL 21 SPEITEL, G
• 12830 TTH 330 - 430P CAL 22 SPEITEL, G

SUPPL INSTRUCTION FOR CH 301
Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Chemistry 301. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Chemistry 301.
• 12835 MW 400 - 500P SPEITEL, G

SUPPL INSTRUCTION FOR CH 301
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Chemistry 301.

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May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Chemistry 301.

• 12840	MW	400 - 500P	JES A215A	SPEITEL, G
• 12845	MW	400 - 500P	JES A217A	SPEITEL, G

SUPPL INSTRUCTION FOR CH 301

Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Chemistry 301. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Chemistry 301.

• 12850	TTH	430 - 530P		SPEITEL, G
• 12855	TTH	430 - 530P		SPEITEL, G
• 12860	TTH	430 - 530P		SPEITEL, G
• 12865	TTH	430 - 530P		SPEITEL, G
• 12870	TTH	430 - 530P		SPEITEL, G
• 12875	MW	500 - 600P		SPEITEL, G
• 12880	MW	500 - 600P		SPEITEL, G
• 12885	MW	500 - 600P	JES A217A	SPEITEL, G
• 12890	MW	500 - 600P		SPEITEL, G
• 12895	MW	600 - 700P		SPEITEL, G
• 12900	MW	600 - 700P		SPEITEL, G
• 12905	MW	600 - 700P		SPEITEL, G
• 12910	MW	600 - 700P		SPEITEL, G

G E 107C SUPPL INSTRUCTION FOR M 408C

Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408C. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408C.

• 12915	TTH	830 - 930		SPEITEL, G
• 12920	TTH	830 - 930	GEA 127	SPEITEL, G
• 12925	MW	300 - 400P		SPEITEL, G
• 12930	MW	300 - 400P		SPEITEL, G
• 12935	MW	300 - 400P		SPEITEL, G
• 12940	MW	300 - 400P	GDC 5.304	SPEITEL, G
• 12945	TTH	330 - 430P	GDC 5.304	SPEITEL, G

SUPPL INSTRUCTION FOR M 408C

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408C. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408C.

• 12950	MW	400 - 500P	BIO 301	SPEITEL, G

SUPPL INSTRUCTION FOR M 408C

Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408C. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408C.

• 12955	MW	400 - 500P		SPEITEL, G
• 12960	MW	400 - 500P		SPEITEL, G

SUPPL INSTRUCTION FOR M 408C

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408C. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408C.

• 12965	MW	400 - 500P	RLM 6.112	SPEITEL, G
• 12970	MW	400 - 500P	RLM 7.112	SPEITEL, G

SUPPL INSTRUCTION FOR M 408C

Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408C. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408C.

• 12975	TTH	430 - 530P		SPEITEL, G
• 12980	TTH	430 - 530P	GDC 5.304	SPEITEL, G
• 12985	MW	500 - 600P	BEN 1.106	SPEITEL, G
• 12990	MW	500 - 600P	BIO 301	SPEITEL, G
• 12995	MW	500 - 600P		SPEITEL, G
• 13000	MW	500 - 600P		SPEITEL, G
• 13005	MW	500 - 600P	JES A205A	SPEITEL, G
• 13010	MW	500 - 600P	RLM 5.112	SPEITEL, G
• 13015	MW	600 - 700P		SPEITEL, G
• 13020	MW	600 - 700P		SPEITEL, G
• 13025	MW	600 - 700P		SPEITEL, G

G E 107D SUPPL INSTRUCTION FOR M 408D

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408D. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408D.

• 13030	MW	300 - 400P	PAR 302	SPEITEL, G

SUPPL INSTRUCTION FOR M 408D

Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408D. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408D.

• 13035	TTH	330 - 430P	PAR 303	SPEITEL, G
• 13040	TTH	330 - 430P	PAR 310	SPEITEL, G

SUPPL INSTRUCTION FOR M 408D

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408D. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408D.

• 13045	MW	400 - 500P	RLM 5.124	SPEITEL, G
• 13050	MW	400 - 500P	PAR 308	SPEITEL, G

SUPPL INSTRUCTION FOR M 408D

Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Mathematics 408D. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Mathematics 408D.

• 13055	TTH	430 - 530P	MEZ 2.102	SPEITEL, G
• 13060	TTH	430 - 530P	PAR 310	SPEITEL, G
• 13065	MW	500 - 600P	PAR 308	SPEITEL, G

G E 208K SUPPL INSTRUCTION FOR PHY 303K

Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Physics303K. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Physics 303K.

• 13070	MW	300 - 500P		SPEITEL, G
• 13075	TTH	330 - 530P		SPEITEL, G

G E 208L SUPPL INSTRUCTION FOR PHY 303L

Offered on the letter-grade basis only. Development of problem-solving skills in the material covered in Physics303L. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Physics 303L.

• 13080	MW	300 - 500P		SPEITEL, G
• 13085	TTH	330 - 530P		SPEITEL, G

G E 209C SUPPL INSTRUCTION FOR E M 306

Offered on the letter-grade basis only. May be repeated for credit. Development of problem-solving skills in the material covered in Engineering Mechanics 306. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Engineering Mechanics 306 and consent of instructor.

• 13090	MW	400 - 600P	CLA 0.106	SPEITEL, G
• 13095	MW	600 - 800P	CLA 0.106	SPEITEL, G

G E 209D SUPPL INSTRUCTION FOR E M 319

Offered on the letter-grade basis only. May be repeated for credit. Development of problem-solving skills in the material covered in Engineering Mechanics 319. May not be counted toward any engineering degree. Restricted to engineering majors. Prerequisite: Concurrent enrollment in Engineering Mechanics 319 and consent of instructor.

• 13100	MW	400 - 600P	PAR 210	SPEITEL, G
• 13105	TTH	500 - 700P	PAR 103	SPEITEL, G

G E 119 SPATIAL VISUALIZATION

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Topics to supplement lower-division engineering curriculum. Engineering Studies 119, 219, 319 and General Engineering 119, 219, 319 may not both be counted unless the topics vary. Restricted to engineering students. Prerequisite: Varies with the topic. Additional prerequisite: An appropriate score on the spatial visualization placement exam.

• 13110	T	800 - 1000		SPEITEL, G
• 13115	TH	1100 - 100P		SPEITEL, G
• 13120	W	200 - 400P		SPEITEL, G
• 13125	M	300 - 500P		SPEITEL, G
• 13130	W	500 - 700P		SPEITEL, G

SUPPL INSTRUCTION FOR E E 302

Course number may be repeated for credit when the topics vary. Topics to supplement lower-division engineering curriculum. Engineering Studies 119, 219, 319 and General Engineering 119, 219, 319 may not both be counted unless the topics vary. Restricted to engineering students. Prerequisite: Varies with the topic. Restricted students in the Cockrell School of Engineering. Prerequisite: Concurrent enrollment in EE 302.

• 13135	MW	1100 - 1200		SPEITEL, G

DEPARTMENT OF AEROSPACE ENGINEERING AND ENGINEERING MECHANICS

Aerospace Engineering - ASE
Computational Engineering - COE
Engineering Mechanics - E M

ASE 102 INTRO TO AEROSPACE ENGINEERING

Offered on the pass/fail basis only. Introduction to aerospace engineering, including problem solving and study skills. Examines opportunities and responsibilities of careers in aerospace engineering. May not be counted toward any engineering degree. Restricted to first year students.

• 13190	TH	200 - 300P	WRW 102	DANIEL, W

ASE 320 LOW-SPEED AERODYNAMICS

Fundamental concepts, fluid statics; integral and differential analysis;detailed analysis of inviscid, incompressible flows; aerodynamics of airfoils and wings. Prerequisite:

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course	unique	days	time	room	instructor

Mathematics 427L, and Mechanical Engineering 310T or 320, with a grade of at least C- in each.

• 13195	TTH	1100 - 1230P	WRW 102	MAHALINGAM, R

ASE 120K LOW-SPEED AERODYNAMICS LAB

Laboratory hour(s) to be arranged. Wind tunnel and water channel experiments at subsonic speeds; use of instrumentation and written reports. Prerequisite: Credit with a grade of at least C- or registration for Aerospace Engineering 320; Aerospace Engineering 333T (or another approved engineering communication course) with a grade of at least C-; and Mathematics 427L with a grade of at least C-.

• 13200	W	200 - 300P	UTC 3.102	MUSTA, M

ASE 324L AEROSPACE MATERIALS LABORATORY

Study of the deformation and fracture behavior of materials used in aerospace vehicles. Structure-property relations, methods of characterizing material behavior, use of properties in the design process. Case histories. Written reports. Prerequisite: Engineering Mechanics 319 with a grade of at least C-.

• 13205	TTH	830 - 930	WRW 102	LIECHTI, K
	M	200 - 500P	WRW 5W	
• 13210	TTH	830 - 930	WRW 102	LIECHTI, K
	W	200 - 500P	WRW 5W	
• 13215	TTH	830 - 930	WRW 102	LIECHTI, K
	T	330 - 630P	WRW 5W	
• 13220	TTH	830 - 930	WRW 102	LIECHTI, K
	TH	330 - 630P	WRW 5W	
• 13225	TTH	830 - 930	WRW 102	LIECHTI, K
	M	500 - 800P	WRW 5W	
• 13230	TTH	830 - 930	WRW 102	LIECHTI, K
	W	500 - 800P	WRW 5W	

ASE 325LX COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of aerospace engineering students in the Cooperative Engineering Program. The student must complete Aerospace Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Aerospace Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Aerospace Engineering 325LY and appointment for a full-time cooperative work tour.

• 13235

ASE 325LY COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of aerospace engineering students in the Cooperative Engineering Program. The student must complete Aerospace Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Aerospace Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Aerospace Engineering 325LY and appointment for a full-time cooperative work tour.

• 13240

ASE 325LZ COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of aerospace engineering students in the Cooperative Engineering Program. The student must complete Aerospace Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Aerospace Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Aerospace Engineering 325LY and appointment for a full-time cooperative work tour.

• 13245

ASE 225MA COOPERATIVE ENGINEERING

Hour(s) to be arranged. This course covers the work period of aerospace engineering students in the Cooperative Engineering Program. The student must complete Aerospace Engineering 225MA and 225MB before agrade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Aerospace Engineering 225MA and appointment for a full-time cooperative work tour.

• 13250

ASE 225MB COOPERATIVE ENGINEERING

Hour(s) to be arranged. This course covers the work period of aerospace engineering students in the Cooperative Engineering Program. The student must complete Aerospace Engineering 225MA and 225MB before agrade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Aerospace Engineering 225MA and appointment for a full-time cooperative work tour.

• 13255

ASE 125N COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of aerospace engineering students in the Cooperative Engineering Program. Prerequisite: Aerospace Engineering 325LZ or 225MB, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour.

• 13260

ASE 128 AEROSPACE ENGR PROJECTS LAB

Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. May be repeated for credit. Directed work on an organized student project in aerospace engineering or engineering mechanics. Prerequisite: At least fifteen semester hours of coursework, a University grade point average of at least 2.50, preparation of a laboratory participation log, and approval by both the faculty member directing the student project and the undergraduate adviser.

• 13265	F	400 - 700P	WRW 113	
• 13270	F	400 - 700P	WRW 312	

ASE 330M LINEAR SYSTEM ANALYSIS

Fundamentals of signals and systems; convolution; Laplace transforms; response of linear, time-invariant systems to standard inputs; frequencyresponse methods; time-domain analysis; introduction to control systems. Prerequisite: Engineering Mechanics 311M, and Mathematics 427J or 427K with a grade of at least C- in each; and credit with a grade of at leastC- or registration for Aerospace Engineering 211K (or 311) or Computational Engineering 211K.

• 13275	TTH	1230 - 200P	UTC 4.124	SENTIS, L

ASE 333T ENGINEERING COMMUNICATION

Technical communication skills for engineers: written and oral reports; individual and collaborative composition; online and traditional research; editing techniques; document design for electronic and hard copy. Open only to aerospace engineering majors. Prerequisite: Rhetoric and Writing 306 or the equivalent with a grade of at least C-.

• 13280	MWF	1000 - 1100	ECJ 1.222	DEMONT, B
	T	100 - 200P	CMA 3.108	
• 13285	MWF	1000 - 1100	ECJ 1.222	DEMONT, B
	TH	100 - 200P	RLM 7.112	

ASE 339 ADVANCED STRENGTH OF MATERIALS

Curved beams, shear deformation, beam columns, beams on elastic foundations; inelastic behavior of members; elementary plate bending. Prerequisite: Engineering Mechanics 319 with a grade of at least C-. same as E M 339.

• 13290	TTH	930 - 1100	WRW 113	KYRIAKIDES, S

ASE 346 VISCOUS FLUID FLOW

Navier-Stokes equations, laminar and turbulent boundary layers, transition, effects of pressure gradients, heat transfer, and compressibility. Prerequisite: Aerospace Engineering 320 with a grade of at least C-. meets with M E 379M.

• 13295	MW	930 - 1100	WRW 312	RAJA, L

ASE 361K AIRCRAFT DESIGN I

Systems engineering based approach to conceptual design and analysis of an aircraft system to meet top-level mission requirements. Selected hands-on lab projects included. Prerequisite: Aerospace Engineering 320 with a grade of at least C-, andcredit with a grade of at least C- or registration for Aerospace Engineering 367K.

• 13300	TTH	200 - 330P	WRW 113	
	TH	500 - 900P	WRW 113	

ASE 361L AIRCRAFT DESIGN II

Systems Engineering based aircraft preliminary and detail design, build,flight test, and demonstration. The overall approach is applicable to all aircraft but the specific project is a small unmanned air system designed to meet defined mission requirements. Prerequisite: Aerospace Engineering 119K or 120K, and 361K with a grade of at least C- in each.

• 13305	TTH	1100 - 1230P	WRW 312	
	W	200 - 400P	WRW 220A	
	W	400 - 600P	ETC 2.102	

ASE 162M HIGH-SPEED AERODYNAMICS LAB

Laboratory hour(s) to be arranged. Experiments using a variable-Mach number supersonic wind tunnel and ballistics range. Aerodynamics of blunt bodies and simple airfoils in supersonic flow. Prerequisite: Aerospace Engineering 362K with a grade of at least C-.

• 13310	M	200 - 300P	WRW 113	MUSTA, M

ASE 364 APPLIED AERODYNAMICS

Detailed analysis of aerodynamics of compressible and incompressible flows about wings and airfoils; wing and airfoil parameters and force and moment coefficients; and thin-airfoil theory, lifting-line theory, panel methods, high-lift devices, delta wings, transonic flows, and supersonic flows over wings. Aerospace Engineering 364 and 379L (Topic: Airfoil and Wing Design Theory) may not both be counted. Prerequisite: Aerospace Engineering 362K with a grade of at least C-.

• 13315	TTH	930 - 1100	WRW 102	GOLDSTEIN, D

ASE 365 STRUCTURAL DYNAMICS

Analysis of discrete and continuous vibrating systems; deriving equations of motion; determining response; and natural frequencies and modes of vibration. Prerequisite: Engineering Mechanics 319 with a grade of at least C-.

• 13320	MWF	900 - 1000	ECJ 1.202	SIROHI, J

ASE 366K SPACECRAFT DYNAMICS

Basic satellite and spacecraft motion, orbital elements, coordinate systems, and transformations; orbit/trajectory design principles; basic three-dimensional spacecraft attitude dynamics. Prerequisite: Aerospace Engineering 211K (or 311) or Computational Engineering 211K, Engineering Mechanics 311M, and Mathematics 427J or 427K with a grade of at least C- in each.

• 13325	MWF	1000 - 1100	CLA 0.128	NAGEL, P

ASE 166M SPACECRAFT SYSTEMS LABORATORY

Overview of spacecraft subsystems, mission design program library, numerical techniques, mission planning references, mission constraints, and mission design projects.

Includes written reports. Prerequisite: Aerospace Engineering 366K with a grade of at least C-, and credit with a grade of at least C- or registration for Aerospace Engineering 374K.

• 13330	W	300 - 430P	ECJ 1.204	DANIEL, W
	M	200 - 330P	WRW 209	
• 13335	W	300 - 430P	ECJ 1.204	DANIEL, W
	M	330 - 500P	WRW 209	
• 13340	W	300 - 430P	ECJ 1.204	DANIEL, W
	M	500 - 630P	WRW 209	

ASE 370C FEEDBACK CONTROL SYSTEMS

Fundamentals of linear control analysis and design for single-input, single-output systems; stability and performance measures; Routh Hurwitzanalysis; root locus methods; frequency response (Bode and Nyquist); introduction to full-state feedback. Aerospace Engineering 370C and 370L may not both be counted. Prerequisite: Aerospace Engineering 330M with a grade of at least C-.

• 13345	TTH	1230 - 200P	RLM 7.104	TANAKA, T

ASE 372K ATTITUDE DYNAMICS

Studies attitude representations, rotational kinematics, rigid-body dynamics, sensors and actuators, attitude determination, and passive and active attitude control systems. Prerequisite: Aerospace Engineering 366K with a grade of at least C-.

• 13350	TTH	200 - 330P	BUR 108	ZANETTI, R

ASE 372N SATELLITE-BASED NAVIGATION

Satellite-based navigation systems, with focus on the Global Positioning System (GPS), ground and space segments, navigation receivers, satellite signal coordinate/time systems, denial of signal, differential techniques, GPS data analysis. Prerequisite: Aerospace Engineering 366K with a grade of at least C-.

• 13355	MW	1230 - 200P	WRW 413	JAH, M

ASE 374K SPACE SYSTEMS ENGR DESIGN

Introduction to systems engineering: the systems engineering process, requirements, design fundamentals, trade studies, cost and risk analyses, integration, technical reviews, case studies, and ethics. Includes written reports. Aerospace Engineering 374K and Computational Engineering 373 may not both be counted. Prerequisite: Aerospace Engineering 366K with a grade of at least C-.

• 13360	TTH	1100 - 1230P	BUR 112	DANIEL, W

ASE 374L SPACECRAFT/MISSION DESIGN

Additional hour(s) to be arranged. Spacecraft systems characteristics, mission requirements, sensors, and consumables analyses; and mission phases, request for proposal, problem definition, ideation, proposal preparation, conceptual design review, preliminary design development and review, and design report preparation. Includes written reports. Prerequisite: Aerospace Engineering 166M and 374K with a grade of at least C- in each, and credit with a grade of at least C- or registration for Aerospace Engineering 376K.

• 13365	MWF	1000 - 1100	ECJ 1.306	DANIEL, W

ASE 375 ELECTROMECHANICAL SYSTEMS

Subjects include basic electronic circuits, operational amplifiers, concepts of impedance and feedback, sensors to measure temperature, displacement, strain, force and acceleration, impulse testing, shake testing, and triggered data acquisition. These concepts will be implemented via experiments that illustrate interesting phenomena in solids and structures. Aerospace Engineering 375 and Mechanical Engineering 340 may not both becounted. Restricted to aerospace engineering majors. Prerequisite: Engineering Mechanics 319 and Physics 303L with a grade ofat least C- in each.

• 13370	MW	100 - 200P	CPE 2.212	SIROHI, J
	M	300 - 600P	WRW 12	
• 13375	MW	100 - 200P	CPE 2.212	SIROHI, J
	W	300 - 600P	WRW 12	
• 13380	MW	100 - 200P	CPE 2.212	SIROHI, J
	T	330 - 630P	WRW 12	
• 13385	MW	100 - 200P	CPE 2.212	SIROHI, J
	TH	330 - 630P	WRW 12	
• 13390	MW	100 - 200P	CPE 2.212	SIROHI, J
	M	600 - 900P	WRW 12	
• 13395	MW	100 - 200P	CPE 2.212	SIROHI, J
	W	600 - 900P	WRW 12	

ASE 376K PROPULSION

Designed to accommodate 100 or more students. Review of control volume analysis and quasi-one-dimensional compressible flow. Analysis and design of rocket nozzles and air-breathing engines, including performance and cycle analysis; the flow in nozzles, diffusers, compressors, and turbines; and combustion chamber processes and propellants. Includes an introduction to chemical and electric rocket propulsion. Prerequisite: Aerospace Engineering 362K with a grade of at least C-.

• 13400	MWF	1100 - 1200	GAR 0.102	MAHALINGAM, R

ASE 679HA UNDERGRADUATE HONORS THESIS

Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a Bachelor of Science in Engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Aerospace Engineering 679HA and enrollment in the EngineeringHonors Program. Partially taught as a Web-based course.

• 13405

ASE 679HB UNDERGRADUATE HONORS THESIS

Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a Bachelor of Science in Engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Aerospace Engineering 679HA and enrollment in the EngineeringHonors Program. Partially taught as a Web-based course.

• 13410

ASE 179K RSCH IN AEROSPACE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. Directed study or research in a selected area of aerospace engineering. Restricted to aerospace engineering majors. Prerequisite: Upper-division standing, a University grade point average of at least 3.00, selection of project, and consent of the faculty member directing project and the undergraduate adviser.

• 13415

ASE 279K RSCH IN AEROSPACE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. Directed study or research in a selected area of aerospace engineering. Restricted to aerospace engineering majors. Prerequisite: Upper-division standing, a University grade point average of at least 3.00, selection of project, and consent of the faculty member directing project and the undergraduate adviser.

• 13420

ASE 379K RSCH IN AEROSPACE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. Directed study or research in a selected area of aerospace engineering. Restricted to aerospace engineering majors. Prerequisite: Upper-division standing, a University grade point average of at least 3.00, selection of project, and consent of the faculty member directing project and the undergraduate adviser.

• 13425

ASE 379L DEVEL OF SOLAR-POWERED VEHICLE

Course number may be repeated for credit when the topics vary. Current topics in aerospace engineering. Prerequisite: Varies with the topic. Topic description: Course explores analysis, design, and construction of a solar-powered car for national competitions. meets with E E 309S, E E 362S.

• 13430	TTH	500 - 630P	ECJ 1.222	HALLOCK, G
	S	200 - 500P	ECB 19	

ASE 380P 1-ANALYTICAL METHODS I

Course number may be repeated for credit when the topics vary. Introduction to modern mathematics, real analysis of functions of one variable, linear algebra, elements of real analysis of functions of manyvariables, calculus of variations. Aerospace Engineering 380P (Topic 1) and Engineering Mechanics 386K may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with COE 371, E M 386K.

• 13435	MWF	100 - 200P	WRW 113	DAWSON, C

ASE 381P 1-LINEAR SYSTEMS ANALYSIS

Course number may be repeated for credit when the topics vary. Linear dynamical systems; controllability and observability; stability; realization theory; state-feedback and observers. Prerequisite: Graduate standing and consent of instructor.

• 13440	TTH	930 - 1100	WRW 413	AKELLA, M

2-MULTIVARIABLE CONTROL SYS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Multivariable feedback systems; factorizations and controller parameterization; limitations and trade-offs of feedback; robust stability and performance; robust H2 and H-infinity control methods. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Aerospace Engineering 381P (Topic 1) or the equivalent.

• 13442	TTH	800 - 930	WRW 413	BAKOLAS, E

6-STATISTICAL ESTIMATION THRY

Course number may be repeated for credit when the topics vary. Modeling static and dynamic systems, linear and nonlinear estimation, Bayesian estimation, batch least squares, Kalman filtering, square-root and information filtering, introduction to advanced estimation methods. Prerequisite: Graduate standing and consent of instructor.

• 13445	TTH	1230 - 200P	WRW 413	JONES, B

13-DEC/CTRL HMN-CNTRD ROBOTS

Course number may be repeated for credit when the topics vary. Oriented towards graduate students in control and robotics who are interested in end-to-end performance of real-world human-centered robotic systems. Control theory for robotics; socio cognitive modeling of human activity; behavior intervention via optimal control; Kinodynamic motion planning; temporal logics and their application to human-centered robots; whole-Body Dynamic Locomotion Controllers; intelligent Collision Management for human-centered robots. Explores theory and application from state-of-the-art papers from venues such as IEEE CSS American Control Conference, Robotics Science and Systems, The International Workshop on the Algorithmic Foundation of Robotics, Dynamic Walking, and IEEE-RAS International Conference on Humanoid Robots. Aerospace Engineering 381P (Topic 13) and Mechanical Engineering 396D may not both be counted. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Consent of graduate adviser.

• 13450	TTH	930 - 1100	ECJ 1.304	SENTIS, L

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course	unique	days	time	room	instructor

14-SYSTEM ID/ADAPTIVE CONTROL
Course number may be repeated for credit when the topics vary. System identification, persistence of excitation, model reference adaptive control, projection operators, immersion and invariance techniques, applications to aeromechanical systems. Aerospace Engineering 381P (Topic 14) and 396 (Topic: System ID and Adaptive Control) may not both be counted. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Aerospace Engineering 381P (Topic 1) or the equivalent.
• 13455 TTH 1230 - 200P GDC 2.502 AKELLA, M

ASE 382Q 1-FOUNDATNS OF FLUID MECHANICS
Course number may be repeated for credit when the topics vary. Fundamental equations; constitutive equations for Newtonian fluids; inviscid, incompressible potential flow; viscous flow including exact solutions and boundary layer theory; compressible flow. Prerequisite: Graduate standing and consent of instructor. meets with M E 381P (TOPIC 1).
• 13460 TTH 1100 - 1230P ECJ 1.314 GOLDSTEIN, D

7-ADV PROBS IN COMPRESSBL FLOW
Course number may be repeated for credit when the topics vary. Physics and modeling of compressible fluids; types and structure of shock waves; heat conduction and secondary viscosity effects; exact nonlinear flow models. Prerequisite: Graduate standing and consent of instructor.
• 13465 MW 200 - 330P ETC 2.132 RAJA, L

11-FOUNDATN COMPUT FLUID DYNAM
Course number may be repeated for credit when the topics vary. Higher-order numerical methods for solving partial differential equations and ordinary differential equations. Focus on the numerical computation of fluid flows, with a variety of scientific applications. Aerospace Engineering 382Q (Topic 11) and Aerospace Engineering 396 (Topic: Foundations of Computational Fluid Dynamics) may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 13470 MW 1230 - 200P WRW 312 BISETTI, F

ASE 384P 1-SOLID MECHANICS I
Course number may be repeated for credit when the topics vary. Mathematical description of stress, deformation, and constitutive equations of solid mechanics; boundary value problems of elasticity. Prerequisite: Graduate standing and consent of instructor. same as E M 388.
• 13475 TTH 200 - 330P WRW 312 RAVI-CHANDAR, K

4-FINITE ELEMENT METHODS
Course number may be repeated for credit when the topics vary. Derivation and implementation of the finite element method; basic codingtechniques; application to problems of stress and diffusion. Only one of the following may be counted: Aerospace Engineering 384P (Topic 4), Computational Science, Engineering, and Mathematics 393F, Engineering Mechanics 394F. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Graduate standing and consent of instructor. same as CSE 393F, E M 394F. also meets with PGE 383.
• 13480 MW 300 - 430P GDC 2.402 WHEELER, M

ASE 388P 2-CELESTIAL MECHANICS I
Course number may be repeated for credit when the topics vary. N-body problem; three-body problem; restricted three-body problem; Jacobian integral; zero-velocity curves; equilibrium points; stability; linearized solutions; variational equations; periodic orbits; the two-body problem; variation of parameters; Lagrange's planetary equations; applications to near-earth and deep-space trajectories; numerical methods. Prerequisite: Graduate standing and consent of instructor.
• 13485 TTH 1100 - 1230P WRW 413 RUSSELL, R

ASE 389P 2-SATELLITE GEODESY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Representations of planetary gravitational fields; determination of spherical harmonic coefficients; geoids and gravity anomalies; temporal variations in the geopotential; planetary rotational dynamics. Prerequisite: Graduate standing and consent of instructor.
• 13490 F 900 - 1200 WRW 413 BETTADPUR, S

7-GLBL NAV SAT SYS SGNL PROC
Course number may be repeated for credit when the topics vary. Comprehensive review of the theory and applications of the Global Positioning System (GPS), including the space segment, the control segment, the user segment, dilution of precision, GPS time, antispoofing, selected availability, differential/kinematic/dynamic techniques, field procedures, and GPS data collection and analysis. Applications of ground-based, aircraft-based, and satellite-based GPS receivers. Prerequisite: Graduate standing and consent of instructor.
• 13495 MW 830 - 1000 WRW 413 HUMPHREYS, T

ASE 396 FUND/GEOPHY APP IMAG RADAR SYS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 13500 TTH 200 - 330P WRW 413 CHEN, J

TEXAS VENTURE LABS PRACTICUM
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with PGS 380M, MAN 385, M E 397, LAW 379M, E M 397, E E 390V.
• 13505 M 600 - 900P ATT M1030 ADAMS, R

VER/SYNTH OF CYBERPHYSICAL SYS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. Topic title: Verification and synthesis of cyberphysical systems. meets with C S 395T.
• 13510 MW 300 - 430P WRW 413 TOPCU, U

ASE 397 GRADUATE SEMINAR
Offered on the credit/no credit basis only. May be repeated for credit. Student, faculty, and visitor presentations of current research topics. Prerequisite: Graduate standing.
• 13515 TTH 330 - 500P WRW 113 GOLDSTEIN, D

ASE 397R RESEARCH IN AEROSPACE ENGR
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 13520

ASE 697R RESEARCH IN AEROSPACE ENGR
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 13525

ASE 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in aerospace engineering and consent of the graduate adviser; for 698B, Aerospace Engineering 698A. Partially taught as a Web-based course.
• 13530

ASE 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in aerospace engineering and consent of the graduate adviser; for 698B, Aerospace Engineering 698A. Partially taught as a Web-based course.
• 13535

ASE 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in aerospace engineering and consent of the graduate adviser. Partially taught as a Web-based course.
• 13540

ASE 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.
• 13545

ASE 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.
• 13550

ASE 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.
• 13555

ASE 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Aerospace Engineering 399R, 699R, or 999R. Partially taught as a Web-based course.
• 13560

ASE 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Aerospace Engineering 399R, 699R, or 999R. Partially taught as a Web-based course.
• 13565

ASE 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Aerospace Engineering 399R, 699R, or 999R. Partially taught as a Web-based course.
• 13570

COE 301 INTRO TO COMPUTER PROGRAMMING
Designed to accommodate 100 or more students. Basic computer programming concepts for engineering computations. Programming in MATLAB or similar computing environments is emphasized, but more advanced languages may also be discussed. Aerospace Engineering 301 and Computational Engineering 301 may not bothbe counted. same as ASE 301.
• 13625 MWF 1000 - 1100 CLA 0.102 CONNOLLY, T

COE 311K ENGINEERING COMPUTATION
Designed to accommodate 100 or more students. Fundamental numerical methods and software tools used in engineering computation. Subjects include linear systems of equations, matrix computations, nonlinear equations, least squares approximations, interpolation, numerical integration and numerical solution of differential equations. Only one of the following may be counted: Aerospace Engineering 211K, 311, Computational Engineering 211K, 311K. Prerequisite: Aerospace Engineering 301 (or 201) or Computational Engineering 301 with a grade of at least C-; and credit with a grade of at least C or registration for Mathematics 427J or 427K.
• 13630 MWF 900 - 1000 WRW 102 SHAHMORADI, A

COE 322 SCIENTIFIC COMPUTATION
Explores the basic tools needed for developing scientific computing software. These include advanced programming languages (e.g. C, C++, python), object oriented programming and data structures. Subjects may include abstract data types; creation, initialization, and destruction of objects; class hierarchies; polymorphism, inheritance and dynamic binding; generic programming using templates, linked lists, queues, stacks, trees and algorithms such as searching, sorting, and hashing. Computational

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Engineering 322 and Statistics and Data Sciences 322 may not both be counted. Restricted to Computational Engineering majors. Prerequisite: Aerospace Engineering 301 (or 201) or Computational Engineering 301 with a grade of at least C-.

• 13635	TTH	330 - 500P	FAC 101B	

COE 352 ADVANCED COMPUTATIONAL ENGR

Course number may be repeated for credit when the topics vary. Topics in advanced numerical methods and scientific computation. Subjectmatter may vary. Restricted to computational engineering majors. Prerequisite: Mathematics 427J or 427K, and Statistics and Data Sciences329C (or Statistics and Scientific Computation 329C) or Mathematics 340Lwith a grade of at least C- in each; and Computational Engineering 211K with a grade of at least C- or programming experience.

• 13640	MWF	1100 - 1200	GDC 2.502	DAWSON, C

COE 371 APPLIED MATHEMATICS I

Introduction to modern mathematics, real analysis of functions of one variable, linear operator theory and ordinary differential equations. Restricted to computational engineering majors. Prerequisite: Upper-division standing; Mathematics 427J or 427K, 427L, and 362K with a grade of at least C- in each; Statistics and Data Sciences 329C (or Statistics and Scientific Computation 329C) or Mathematics 340L with a grade of at least C-. meets with ASE 380P (TOPIC 1), E M 386K.

• 13645	MWF	100 - 200P	WRW 113	DAWSON, C

COE 679HA UNDERGRADUATE HNRS THESIS

Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. Entails an oral presentationand a written thesis. Restricted to computational engineering majors. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Computational Engineering 679HA and enrollment in the Engineering Honors Program.

• 13650

COE 179K RSCH IN COMPUTATIONAL ENGR

Hour(s) to be arranged. May be repeated for credit. Directed study or research in a selected area of computational engineering. Restricted to computational engineering majors. Prerequisite: Upper-division standing, a University grade point average of at least 3.00, selection of project, and consent of the faculty member directing project and the undergraduate adviser.

• 13655

COE 279K RSCH IN COMPUTATIONAL ENGR

Hour(s) to be arranged. May be repeated for credit. Directed study or research in a selected area of computational engineering. Restricted to computational engineering majors. Prerequisite: Upper-division standing, a University grade point average of at least 3.00, selection of project, and consent of the faculty member directing project and the undergraduate adviser.

• 13660

COE 379K RSCH IN COMPUTATIONAL ENGR

Hour(s) to be arranged. May be repeated for credit. Directed study or research in a selected area of computational engineering. Restricted to computational engineering majors. Prerequisite: Upper-division standing, a University grade point average of at least 3.00, selection of project, and consent of the faculty member directing project and the undergraduate adviser.

• 13665

E M 306 STATICS

Vector algebra, force systems, free-body diagrams; engineering applications of equilibrium, including frames, friction, distributed loads; centroids, moments of inertia. Prerequisite: Mathematics 408D, 408L, 408M, or 408S, and Physics 301 or 303K with a grade of at least C- in each.

• 13720	MWF	900 - 1000	PAI 3.02	LANDIS, C
	W	400 - 600P	BUR 134	
• 13725	MWF	900 - 1000	PAI 3.02	LANDIS, C
	TH	400 - 600P	RLM 5.118	
• 13730	MWF	900 - 1000	PAI 3.02	LANDIS, C
	W	600 - 800P	BUR 134	
• 13735	MWF	900 - 1000	PAI 3.02	LANDIS, C
	TH	600 - 800P	RLM 5.118	
• 13740	MWF	900 - 1000	PAI 3.02	LANDIS, C
	TH	600 - 800P	RLM 5.120	

STATICS

Designed to accommodate 100 or more students. Vector algebra, force systems, free-body diagrams; engineering applications of equilibrium, including frames, friction, distributed loads; centroids, moments of inertia. Prerequisite: Mathematics 408D, 408L, 408M, or 408S, and Physics 301 or 303K with a grade of at least C- in each.

• 13745	TTH	1230 - 200P	WEL 2.122	RAVI-CHANDAR, K
	T	400 - 600P	ECJ 1.204	
• 13750	TTH	1230 - 200P	WEL 2.122	RAVI-CHANDAR, K
	W	400 - 600P	ECJ 1.314	
• 13755	TTH	1230 - 200P	WEL 2.122	RAVI-CHANDAR, K
	T	600 - 800P	ECJ 1.204	
• 13760	TTH	1230 - 200P	WEL 2.122	RAVI-CHANDAR, K
	T	600 - 800P	ECJ 1.314	
• 13765	TTH	1230 - 200P	WEL 2.122	RAVI-CHANDAR, K
	W	600 - 800P	ECJ 1.308	
• 13770	TTH	1230 - 200P	WEL 2.122	RAVI-CHANDAR, K
	W	600 - 800P	ECJ 1.314	

STATICS

Vector algebra, force systems, free-body diagrams; engineering applications of equilibrium, including frames, friction, distributed loads; centroids, moments of inertia. Prerequisite: Mathematics 408D, 408L, 408M, or 408S, and Physics 301 or 303K with a grade of at least C- in each.

• 13775	MWF	100 - 200P	GAR 0.102	HUANG, R
	M	400 - 600P	GAR 1.126	
• 13780	MWF	100 - 200P	GAR 0.102	HUANG, R
	M	400 - 600P	RLM 5.120	
• 13785	MWF	100 - 200P	GAR 0.102	HUANG, R
	T	400 - 600P	RLM 5.118	
• 13790	MWF	100 - 200P	GAR 0.102	HUANG, R
	M	600 - 800P	RLM 5.120	
• 13795	MWF	100 - 200P	GAR 0.102	HUANG, R
	T	600 - 800P	GAR 2.112	

E M 311M DYNAMICS

Designed to accommodate 100 or more students. Two- and three-dimensional kinematics and dynamics, applied to a broad class of engineering problems. Prerequisite: Engineering Mechanics 306, and Mathematics 408D or 408M with a grade of at least C- in each.

• 13800	TTH	1100 - 1230P	CPE 2.218	RAUSCH, M
	TH	400 - 600P	ECJ 1.306	
• 13805	TTH	1100 - 1230P	CPE 2.218	RAUSCH, M
	TH	600 - 800P	ECJ 1.306	

E M 319 MECHANICS OF SOLIDS

Designed to accommodate 100 or more students. Internal forces and deformations in solids; stress and strain in elasticand plastic solids; application to simple engineering problems. Prerequisite: Engineering Mechanics 306, and Mathematics 408D or 408M with a grade of at least C- in each.

• 13810	TTH	800 - 930	WEL 2.122	LU, N
	T	400 - 600P	RLM 5.124	
• 13815	TTH	800 - 930	WEL 2.122	LU, N
	W	400 - 600P	GEA 114	
• 13820	TTH	800 - 930	WEL 2.122	LU, N
	T	600 - 800P	RLM 5.124	
• 13825	TTH	800 - 930	WEL 2.122	LU, N
	W	600 - 800P	GEA 114	
• 13830	MWF	300 - 400P	GSB 2.124	MEAR, M
	M	400 - 600P	ETC 2.114	
• 13835	MWF	300 - 400P	GSB 2.124	MEAR, M
	T	400 - 600P	RLM 7.124	
• 13840	MWF	300 - 400P	GSB 2.124	MEAR, M
	M	600 - 800P	ETC 2.114	
• 13845	MWF	300 - 400P	GSB 2.124	MEAR, M
	T	600 - 800P	RLM 5.114	

E M 339 ADVANCED STRENGTH OF MATERIALS

Curved beams, shear deformation, beam columns, beams on elastic foundations; inelastic behavior of members; elementary plate bending. Prerequisite: Engineering Mechanics 319 with a grade of at least C-. same as ASE 339.

• 13850	TTH	930 - 1100	WRW 113	KYRIAKIDES, S

E M 384K CONTINUUM MECHANICS

Foundations of the general nonlinear theories of continuum mechanics; general treatment of motion and deformation of continua, balance laws, constitutive theory; particular application to elastic solids and simple materials. Prerequisite: Graduate standing, and Engineering Mechanics 386K or consent of instructor.

• 13855	MWF	1100 - 1200	GDC 2.410	HUANG, R

E M 386K ANALYTICAL METHODS I

Basic topics in real and complex analysis, ordinary and partial differential equations, and other areas of applied mathematics with application to applied mechanics. Aerospace Engineering 380P (Topic 1) and Engineering Mechanics 386K may not both be counted. Prerequisite: Graduate standing. meets with ASE 380P (TOPIC 1), COE 371.

• 13860	MWF	100 - 200P	WRW 113	DAWSON, C

E M 386M FUNCTNL ANLY IN THEORET MECHS

An introduction to modern concepts in functional analysis and linear operator theory, with emphasis on their application to problems in theoretical mechanics; topological and metric spaces, norm linear spaces, theory of linear operators on Hilbert spaces, applications to boundary value problems in elasticity and dynamical systems. Computational Science, Engineering, and Mathematics 386M and EngineeringMechanics 386M may not both be counted. Prerequisite: Graduate standing, Engineering Mechanics 386L, and Mathematics 365C. same as CSE 386M.

• 13865	TTH	1230 - 200P	WRW 312	DEMKOWICZ, L

E M 388 SOLID MECHANICS I

Mathematical description of stress, deformation, and constitutive equations of solid mechanics; boundary value problems of elasticity. Prerequisite: Graduate standing and consent of instructor. same as ASE 384P (TOPIC 1).

• 13870	TTH	200 - 330P	WRW 312	RAVI-CHANDAR, K

E M 394F FINITE ELEMENT METHODS

Derivation and implementation of the finite element method; basic codingtechniques; application to problems of stress and diffusion. Only one of the following may be counted: Aerospace Engineering 384P (Topic 4), Computational Science, Engineering, and Mathematics 393F, Engineering Mechanics 394F. Prerequisite: Graduate

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course	unique	days	time	room	instructor

standing and consent of instructor. same as ASE 384P (TOPIC 4), CSE 393F. also meets with PGE 383.

• 13875	MW	300 - 430P	GDC 2.402	WHEELER, M

E M 397 COMP PDE-CONSTRND BAYESIAN INV

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. Topic description: Explore both theoretical and computational aspects of Bayesian inversion framework and theorem, MCMC theory, PDE-contrained optimization theory/methods, randomization methods for inverse problems, data assimilation methods for inverse problems, and introduction to infinite dimensional analysis. meets with CSE 397.

• 13880	TTH	930 - 1100	WRW 312	BUI, T

MECHANICS OF ACTIVE MATERIALS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.

• 13885	MW	300 - 430P	WRW 312	LANDIS, C

NEW VENTURE CREATION

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with MAN 385 (TOPIC 22), LAW 379M.

• 13890	TTH	930 - 1100	RRH 3.304	COURTER, S

TEXAS VENTURE LABS PRACTICUM

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with PGS 380M, MAN 385, M E 397, LAW 379M, E E 390V, ASE 396.

• 13895	M	600 - 900P	ATT M1030	ADAMS, R

E M 397R INDIVIDUAL RESEARCH

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Must be arranged by mutual agreement between student and faculty member. Prerequisite: Graduate standing.

• 13900

E M 697R INDIVIDUAL RESEARCH

Offered on the credit/no credit basis only. May be repeated for credit. Must be arranged by mutual agreement between student and faculty member. Prerequisite: Graduate standing.

• 13905

E M 397S MECHANICS SEMINAR

Offered on the credit/no credit basis only. May be repeated for credit. Current topics in mechanics. All engineering mechanics graduate students are required to register foreither Engineering Mechanics 397S or 397T each semester. Prerequisite: Graduate standing.

• 13910	TTH	330 - 500P	WRW 102	LIECHTI, K

E M 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in engineering mechanics and consent of the supervising professor and the graduate adviser; for 698B,Engineering Mechanics 698A. Partially taught as a Web-based course.

• 13915

E M 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in engineering mechanics and consent of the supervising professor and the graduate adviser; for 698B,Engineering Mechanics 698A. Partially taught as a Web-based course.

• 13920

E M 398R MASTER'S REPORT

Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in engineering mechanics and consent of the graduate adviser. Partially taught as a Web-based course.

• 13925

E M 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.

• 13930

E M 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.

• 13935

E M 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.

• 13940

E M 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Engineering Mechanics 399R, 699R, or 999R. Partially taught as a Web-based course.

• 13945

E M 699W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Engineering Mechanics 399R, 699R, or 999R. Partially taught as a Web-based course.

• 13950

E M 999W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Engineering Mechanics 399R, 699R, or 999R. Partially taught as a Web-based course.

• 13955

DEPARTMENT OF BIOMEDICAL ENGINEERING

Biomedical Engineering - BME

BME 303 INTRODUCTION TO COMPUTING

Offered on the letter-grade basis only. Introduction to computing and programming, focusing on arithmetic and logic operations, processor architecture, and programming structures. Programming skills for solving problems using machine and assembly language programming. Emphasis is on biomedical engineering applications of computing. Restricted to biomedical engineering majors.

• 14010	TTH	200 - 330P	PHR 2.108	YEH, H
	W	800 - 1000	BME 3.312	
• 14015	TTH	200 - 330P	PHR 2.108	YEH, H
	M	900 - 1100	BME 3.312	
• 14020	TTH	200 - 330P	PHR 2.108	YEH, H
	T	330 - 530P	BME 3.312	
• 14025	TTH	200 - 330P	PHR 2.108	YEH, H
	M	500 - 700P	BME 3.312	

BME 303L INTRODUCTION TO BME DESIGN

Offered on the letter-grade basis only. Biomedical engineering design concepts with hands-on learning applications. Biomedical Engineering 102L and 203L, 303L may not both be counted. Restricted to biomedical engineering majors.

• 14030	MWF	1200 - 100P	ETC 2.108	PUPERI, D
	W	900 - 1200	EER 1.524	
• 14035	MWF	1200 - 100P	ETC 2.108	PUPERI, D
	F	900 - 1200	EER 1.524	
• 14040	MWF	1200 - 100P	ETC 2.108	PUPERI, D
	T	930 - 1230P	EER 1.524	
• 14045	MWF	1200 - 100P	ETC 2.108	PUPERI, D
	TH	930 - 1230P	EER 1.524	
• 14050	MWF	1200 - 100P	ETC 2.108	PUPERI, D
	F	200 - 500P	EER 1.524	

BME 311 NETWORK ANLY IN BIOMED ENGR

Designed to accommodate 100 or more students. Offered on the letter-grade basis only. Basic concepts in circuit analysis and design of systems for biomedical engineering; Ohm's law, Kirchhoff's laws, and nodal and loop analysis; Theyenin's and Norton's theorem; operational amplifiers; high-order circuit and basic AC circuit analysis using Fourier and Laplace transforms. Restricted to biomedical engineering majors. Prerequisite: Physics 303K with a grade of at least C-; and credit with a grade of at least C- or registration for: Mathematics 427J or 427K, and Physics 303L.

• 14055	MWF	900 - 1000	CMA 2.306	

BME 214L COMPUT FUND OF BME DESIGN

Offered on the letter-grade basis only. Overview of computational methods used to model biomedical systems, analyze data, and assist in the engineering design process. Subjects andhands-on learning applications include 3D modeling tools and computer aided manufacturing, flow simulation, instrumentation, biomedical imaging modalities, and biomedical informatics. Biomedical Engineering 314 and 214L may not both be counted. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 303 or Electrical Engineering 306, Biomedical Engineering 303L (or 203L), and Physics 303K and 103M; and credit with a grade of at least C- or registration for: Biomedical Engineering 311, Mathematics 427J or 427K, and Physics 303L and 103N.

• 14060	MW	1000 - 1100	WRW 102	PUPERI, D
	T	930 - 1230P	BME 3.312	
• 14065	MW	1000 - 1100	WRW 102	PUPERI, D
	TH	930 - 1230P	BME 3.312	
• 14070	MW	1000 - 1100	WRW 102	PUPERI, D
	T	1230 - 330P	BME 3.312	
• 14075	MW	1000 - 1100	WRW 102	PUPERI, D
	W	200 - 500P	BME 3.312	
• 14080	MW	1000 - 1100	WRW 102	PUPERI, D
	F	200 - 500P	BME 3.312	
• 14085	MW	1000 - 1100	WRW 102	PUPERI, D
	TH	330 - 630P	BME 3.312	

BME 325LX COOPERATIVE ENGINEERING

Hour(s) to be arranged. Covers the work period of biomedical engineering students in the Cooperative Engineering Program. The student must complete Biomedical Engineering 325LX, 325LY, and 325LZbefore a grade and degree credit are awarded. Restricted to biomedical engineering majors. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Biomedical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Biomedical Engineering 325LY and appointment for a full-time cooperativework tour.

• 14090

BME 325LY COOPERATIVE ENGINEERING

Hour(s) to be arranged. Covers the work period of biomedical engineering students in the Cooperative Engineering Program. The student must complete Biomedical Engi-

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neering 325LX, 325LY, and 325LZbefore a grade and degree credit are awarded. Restricted to biomedical engineering majors. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Biomedical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Biomedical Engineering 325LY and appointment for a full-time cooperativework tour.
• 14095

BME 325LZ COOPERATIVE ENGINEERING
Hour(s) to be arranged. Covers the work period of biomedical engineering students in the Cooperative Engineering Program. The student must complete Biomedical Engineering 325LX, 325LY, and 325LZbefore a grade and degree credit are awarded. Restricted to biomedical engineering majors. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Biomedical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Biomedical Engineering 325LY and appointment for a full-time cooperativework tour.
• 14100

BME 225MA COOPERATIVE ENGINEERING
Hour(s) to be arranged. Covers the work period of biomedical engineering students in the Cooperative Engineering Program. The student must complete Biomedical Engineering 225MA and 225MB before a grade and degree credit are awarded. Restricted to biomedical engineering majors. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Biomedical Engineering 225MA and appointment for a full-time cooperative work tour.
• 14105

BME 225MB COOPERATIVE ENGINEERING
Hour(s) to be arranged. Covers the work period of biomedical engineering students in the Cooperative Engineering Program. The student must complete Biomedical Engineering 225MA and 225MB before a grade and degree credit are awarded. Restricted to biomedical engineering majors. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Biomedical Engineering 225MA and appointment for a full-time cooperative work tour.
• 14110

BME 125N COOPERATIVE ENGINEERING
Hour(s) to be arranged. May be repeated for credit. Covers the work period of biomedical engineering students in the Cooperative Engineering Program. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 325LZ or 225MB, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour.
• 14115

BME 333T ENGINEERING COMMUNICATION
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Advanced communication skills for engineers, with emphasis on biomedicalengineering topics. Strategies for written, visual, and interpersonal communication, and for oral presentation. Introduction to library research and to ethical decision making in biomedical engineering. Restricted to biomedical engineering majors. Prerequisite: English 303C (or 603A) or Rhetoric and Writing 306 with a grade of at least C-.

• 14120	MWF	1100 - 1200	ECJ 1.306	
	W	100 - 200P	GDC 2.402	
• 14125	MWF	1100 - 1200	ECJ 1.306	
	M	300 - 400P	CMA 5.190	
• 14130	MWF	1200 - 100P	ECJ 1.222	
	M	100 - 200P	GDC 2.410	
• 14135	MWF	1200 - 100P	ECJ 1.222	
	F	100 - 200P	GDC 2.402	

BME 335 ENGR PROBABILITY & STATISTICS
Offered on the letter-grade basis only. Fundamentals of probability, random processes, and statistics with emphasis on biomedical engineering applications. Includes hypothesis testing, regression, and sample size calculations. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 303 or Electrical Engineering 306, and Mathematics 408D or 408M; and credit with a grade of at least C- or registration for Biomedical Engineering 313L (or 113L).

• 14140	TTH	800 - 930	PHR 2.108	MARKEY, M
	M	300 - 400P	GEA 114	
• 14145	TTH	800 - 930	PHR 2.108	MARKEY, M
	M	400 - 500P	GEA 114	
• 14150	TTH	800 - 930	PHR 2.108	MARKEY, M
	M	500 - 600P	GEA 114	

BME 339 BIOCHEMICAL ENGINEERING
Principles of fermentation and cell culture technologies; introduction to recombinant DNA technology and protein expression; the development oftherapeutics, vaccines, and diagnostics using genetic engineering. Only one of the following may be counted: Biology 335, Biomedical Engineering 339, Chemical Engineering 339, 379 (Topic: Introduction to Biochemical Engineering). Restricted to biomedical engineering majors. Prerequisite: Upper-division standing, Biochemistry 369 (or Chemistry 369) and Biology 311C or 315H with a grade of at least C- in each. meets with CHE 339, BIO 335.

• 14155	TTH	930 - 1100	BUR 112	GEORGIOU, G
	TH	500 - 600P	CPE 2.210	

BME 343 BIOMED ENGR SIGNAL & SYS ANLY
Offered on the letter-grade basis only. Signals and systems representation; sampling and quantization; time and frequency domains; Laplace and z-transforms, transfer functions, and frequency response; two-port networks; Bode plots; convolution; stability; Fourier series; Fourier transform; AM/FM modulation; filter design; and applications in biomedical engineering. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 311, 313L (or 113L), and Mathematics 427J or 427K.

• 14160	MWF	1100 - 1200	GEA 105	DUNN, A

BME 345 GRAPHICS AND VISUALIZATION LAB
Introduction to techniques for graphical display of biological data. Subjects include transformations, geometric modeling, and two- and three-dimensional display algorithms. Includes computational projects with biomedical applications. Restricted to biomedical engineering majors. Prerequisite: Electrical Engineering 422C and Mathematics 340L with a grade of at least C- in each. meets with C S 354.

• 14165	MWF	300 - 400P	CLA 1.104	ABRAHAM, S

BME 245L EXPERIMNTL PRINC OF BME DESIGN
Offered on the letter-grade basis only. Exploration of biomedical engineering design principles through open-ended, hands-on research applications involving mechanical testing,cell culture, and biomaterials. Analysis and interpretation of experimental data, including written reporting of outcomes in scientificjournal format. Biomedical Engineering 221 and 245L may not both be counted. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biology 206L, Biomedical Engineering 214L (or 314), 333T, 335 and 344; and credit with a grade of at least C- or registration for Biomedical Engineering 365R.

• 14170	MW	100 - 200P	ECJ 1.202	PUPERI, D
	T	800 - 1100	BME 3.310	
• 14175	MW	100 - 200P	ECJ 1.202	PUPERI, D
	F	1200 - 300P	BME 3.310	
• 14180	MW	100 - 200P	ECJ 1.202	PUPERI, D
	M	200 - 500P	BME 3.310	
• 14185	MW	100 - 200P	ECJ 1.202	PUPERI, D
	T	200 - 500P	BME 3.310	
• 14190	MW	100 - 200P	ECJ 1.202	PUPERI, D
	W	200 - 500P	BME 3.310	
• 14195	MW	100 - 200P	ECJ 1.202	PUPERI, D
	TH	200 - 500P	BME 3.310	
• 14200	MW	100 - 200P	ECJ 1.202	PUPERI, D
	M	500 - 800P	BME 3.310	

BME 350 COMP MTHDS FOR BIOMED ENGRS
Study of and hands-on experiences with computational methods commonly employed in biomedical engineering research. Biomedical Engineering 350 and 377T (Topic: Computational Methods for Biomedical Engineers) may not both be counted. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 313L (or 113L), 214L (or 314), and 335. meets with BME 383J (TOPIC 9).

• 14205	TTH	930 - 1100	PHR 2.116	REN, P

BME 352 ENGINEERING BIOMATERIALS
Offered on the letter-grade basis only. Overview of properties of metallic, ceramic, polymeric, and composite biomaterials used in biomedical applications. Material synthesis and processing. Analysis of mechanical and chemical properties, including stress-strain. Material interactions with the body and blood. Soft and hard biomaterials applications. Restricted to biomedical engineering majors. Prerequisite: Biochemistry 369 (or Chemistry 369) and Biomedical Engineering 344 with a grade of at least C- in each.

• 14210	MWF	900 - 1000	ETC 2.108	SUGGS, L

BME 353 TRANSPORT PHENOM IN LIVING SYS
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Modeling and analysis of momentum, energy, and mass transport in living systems. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 214L (or 314), Mathematics 427J or 427K, and Physics 303L and 103N.

• 14215	TTH	1100 - 1230P	GEA 114	DILLER, K

BME 354 MOLEC SEN/NANODEV FOR BME APPL
Introduction to major types of molecular sensor systems, device miniaturization, and detection mechanisms, including molecular capture mechanisms; electrical, optical, and mechanical transducers; micro-array analysis of biomolecules; semiconductor and metal nanosensors; microfluidic systems; and microelectromechanical systems (MEMS, BioMEMS)fabrication and applications for biomedical engineering. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 313L (or 113L), 335, and 344.

• 14220	TTH	930 - 1100	GAR 2.112	XIE, C

BME 357 BIOMEDICAL IMAGING MODALITIES
Introduction to major biomedical imaging modalities, including X-ray radiography, computed tomography (CT), nuclear medicine (SPECT and PET),magnetic resonance imaging (MRI), and ultrasound. Emphasis on principles, approaches, and applications of each imaging modality. Basicphysics and imaging equations of the imaging system; hardware and software; sources of noise and primary artifacts; safety and patient risk. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 348 or 349, and 261L (or 251). meets with BME 381J (TOPIC 3), E E 385J (TOPIC 18).

• 14225	MWF	200 - 300P	ECJ 1.314	YANKEELOV, T
	M	400 - 600P	ECJ 1.314	

BME 363E MEDICAL DEVICE DESIGN/MANU
Application of engineering principles in the conception, design and prototyping of medical devices. Development of team projects with emphasis on clinical and market needs analysis, creative and useful concept generation, engineering requirements and

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specifications, and written and oral reporting of intermediate and final prototype outcomes. Biomedical Engineering 363E and 377T (Topic: Medical Device Design and Manufacturing) may not both be counted. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 343, 349, 353, and 261L (or 251.) meets with BME 385J, M E 397.
• 14230 TTH 1100 - 1230P ETC 7.146 MILNER, T

BME 365R QUANTITATIVE ENGR PHYSIOL I
Offered on the letter-grade basis only. A quantitative, model-oriented approach to human physiology, including basic cellular physiology, electrophysiology of nerve and muscle, the motor system, the central nervous system, and the cardiovascular system. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biology 311C or 315H, Biomedical Engineering 214L (or 314), and Physics 303L and 103N; and credit with a grade of at least C- or registration for: Biochemistry 369 (or Chemistry 369) and Biomedical Engineering 343.
• 14235 TTH 1230 - 200P MEZ 1.306 BROCK, A
M 1200 - 100P ECJ 1.308
• 14240 TTH 1230 - 200P MEZ 1.306 BROCK, A
M 1200 - 100P ECJ 1.314
• 14245 TTH 1230 - 200P MEZ 1.306 BROCK, A
W 1200 - 100P ECJ 1.204
• 14250 TTH 1230 - 200P MEZ 1.306 BROCK, A
TH 200 - 300P CMA 3.114

BME 366 IMMUNE ENGINEERING
Introduction to various aspects and applications of immune engineering. Subjects include vaccine design, cancer immunotherapy, genomics, infection, auto-immune diseases and emerging tools and methodologies. Biomedical Engineering 366 and 377T (Topic: Immune Engineering) may not both be counted. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 365R and 365S with a grade of at least C- in each. meets with BME 382J (TOPIC 10).
• 14255 TTH 800 - 930 GEA 114 JIANG, N

BME 370 BME CAPSTONE DESIGN I
Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Structured methodologies for designing systems or to interface with living systems. Creative design, analysis, selection, development, and fabrication of biomedical components and systems. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 348 or 349, 352, 353, 261L (or 251), and 365S.
• 14260 MWF 100 - 200P PHR 2.108 ELBERT, D

BME 373 TISSUE/SCAFFOLD/CELL BIOMCH
Fundamentals of biosolid mechanics via the mechanical behavior of scaffolds and living tissues and cells. Emphasis on biomechanical applications to contemporary problems in biomedical research and medical devices. Biomedical Engineering 373 and 377T (Topic: Cell, Tissue and Scaffold Biomechanics for Contemporary Biomedical Engineering Applications) may not both be counted. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 344 and 352 with a grade of at least C- in each. meets with M E 385J, BME 385J (TOPIC 7), CSE 397.
• 14265 TTH 1230 - 200P GAR 2.112 SACKS, M

BME 374K BIOMEDICAL INSTRUMENT DESIGN
Application of electrical engineering principles in the design of electronic instrumentation at the circuit-board level for the measurement of pressure, temperature, flow, and impedance. Also includes the study of light intensity, bioelectric potentials, and stimulation devices such as pacemakers and defibrillators. Focus on design considerations specific to electro-medical environments, safety and efficacy, and public policy issues. Restricted to biomedical engineering, electrical engineering, and mechanical engineering majors. Prerequisite: Biomedical Engineering 343 and Electrical Engineering 438 with a grade of at least C- in each. meets with E E 374K, BME 384J (TOPIC 1), E E 385J (TOPIC 31).
• 14270 TTH 200 - 330P ECJ 1.306 PEARCE, J

BME 177 UNDERGRADUATE RESEARCH PROJECT
Hour(s) to be arranged. Recommended for students considering graduate study. Topic is selected in conjunction with a faculty member in the Department of Biomedical Engineering or in another approved University department. A final written report or the equivalent is required. Restricted to biomedical engineering majors.
• 14275

BME 277 UNDERGRADUATE RESEARCH PROJECT
Hour(s) to be arranged. Recommended for students considering graduate study. Topic is selected in conjunction with a faculty member in the Department of Biomedical Engineering or in another approved University department. A final written report or the equivalent is required. Restricted to biomedical engineering majors.
• 14280

BME 377 UNDERGRADUATE RESEARCH PROJECT
Hour(s) to be arranged. Recommended for students considering graduate study. Topic is selected in conjunction with a faculty member in the Department of Biomedical Engineering or in another approved University department. A final written report or the equivalent is required. Restricted to biomedical engineering majors.
• 14285

BME 377M MEDICAL INTERNSHIP
Hour(s) to be arranged. Designed for students considering medical school. Students participate in a variety of medical and clinical activities, including clinical inpatient rounds, outpatient visits, operating room procedures, and medical grand rounds. Restricted to biomedical engineering majors.
• 14290

BME 377R RESEARCH INTERNSHIP
Hour(s) to be arranged. Students perform biomedical research with a faculty member at an approved institution. Requires a substantial final report. Restricted to biomedical engineering majors.
• 14295

BME 377S INDUSTRIAL INTERNSHIP
Hour(s) to be arranged. Students conduct research in biomedical companies in Texas and nationwide. Research may include development, management, business administration, and other topics. Requires a substantial final report. Restricted to biomedical engineering majors.
• 14300

BME 377T BIOL RESPONSES TO MEDICAL DEV
Course number may be repeated for credit when the topics vary. Restricted to biomedical engineering majors. Prerequisite: Prerequisites vary with the topic. Topic title: Biological responses to medical devices. Additional prerequisite: BME 352 with a grade of C- or better. meets with BME 382J.
• 14305 TTH 1100 - 1230P GDC 2.210 COSGRIFF-HERNANDEZ

BIOMIMETIC DSGN/ENGINEERING
Course number may be repeated for credit when the topics vary. Restricted to biomedical engineering majors. Prerequisite: Prerequisites vary with the topic. Topic description: Introduces areas of biomimetic reverse engineering in predicting human physiology, drug development and testing, and pathophysiology. meets with BME 382J (TOPIC 9).
• 14310 TTH 800 - 930 GDC 4.304 KIM, H

ENGINEERING ENTREPRENEURSHIP
Course number may be repeated for credit when the topics vary. Restricted to biomedical engineering majors. Prerequisite: Prerequisites vary with the topic. meets with M E 379M.
• 14315 TH 330 - 630P ETC 5.132 NICHOLS, S

BME 678A UNDERGRAD THESIS BIOMED ENGR
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of a biomedical engineering faculty member or other approved faculty member; topics are selected jointly by the student and faculty member. The student provides a progress report at the end of the first semester and writes a thesis and gives an oral presentation at the end of the second semester. Students pursuing both the Bachelor of Arts, Plan II, and a Bachelor of Science in Biomedical Engineering may use this course to fulfill the thesis requirements for the Bachelor of Arts, Plan II. Restricted to biomedical engineering majors. Prerequisite: For 678A, admission to the major sequence in biomedical engineering and a University grade point average of at least 3.50; for 678B, a University grade point average of at least 3.50 and Biomedical Engineering 678A.
• 14320

BME 678B UNDERGRAD THESIS BIOMED ENGR
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of a biomedical engineering faculty member or other approved faculty member; topics are selected jointly by the student and faculty member. The student provides a progress report at the end of the first semester and writes a thesis and gives an oral presentation at the end of the second semester. Students pursuing both the Bachelor of Arts, Plan II, and a Bachelor of Science in Biomedical Engineering may use this course to fulfill the thesis requirements for the Bachelor of Arts, Plan II. Restricted to biomedical engineering majors. Prerequisite: For 678A, admission to the major sequence in biomedical engineering and a University grade point average of at least 3.50; for 678B, a University grade point average of at least 3.50 and Biomedical Engineering 678A.
• 14325

BME 379 TISSUE ENGINEERING
Introduction to biomedical research in tissue engineering. Includes case studies of tissues and organs of the body, physiology and biology of tissue, pathologies of tissue, current clinical treatments, the role of engineers in development of new technologies to diagnose and treat pathologies, quantitative cellular and molecular techniques, and applications of synthetic and natural biomaterials. Only one of the following may be counted: Biomedical Engineering 379, Chemical Engineering 339T, 379 (Topic: Cell and Tissue Engineering). Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 352 and 365S with a grade of at least C- in each. meets with BME 382J (TOPIC 1), CHE 339T.
• 14330 TTH 1230 - 200P GEA 114 ZOLDAN, J

BME 679HA UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Restricted to biomedical engineering majors. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Biomedical Engineering 679HA and enrollment in the Engineering Honors Program.
• 14335

BME 679HB UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering

may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Restricted to biomedical engineering majors. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Biomedical Engineering 679HA and enrollment in the Engineering Honors Program.
• 14340

BME 380J 4-FIELDS, FORCES, AND FLOWS
Course number may be repeated for credit when the topics vary. Introduction to mathematical models that integrate different energy domains and length scales, with an emphasis on the coupling between them. Prerequisite: Graduate standing. Prerequisite: Biomedical Engineering 380J (Topic 1) and 380J (Topic 2). Only topic 3 is offered under the number 180J.
• 14345 WF 930 - 1100 PEPPAS, N

BME 381J 3-BIOMED IMAGING: SIGNALS/SYS
Course number may be repeated for credit when the topics vary. Physical principles and signal processing techniques used in thermographic, ultrasonic, and radiographic imaging, including image reconstruction from projections such as CT scanning, MRI, and millimeter wave determination of temperature profiles. Biomedical Engineering 381J (Topic 3) and Electrical Engineering 385J (Topic 18) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites vary with the topic. same as E E 385J (TOPIC 18). also meets with BME 357.
• 14350 MWF 200 - 300P ECJ 1.314 YANKEELOV, T
M 400 - 600P ECJ 1.314

BME 681M NORMAL BODY STRUC/FUNCTION
Hour(s) to be arranged. Exploration of the structure and function of the human body at all levels of organization, from molecular and cellular to the integrated function of multiple organ systems attempting to maintain homeostasis. Emphasis on wellness and normal structure/function, in addition to the mechanistic disruptions that cause illness as well as the scientific rationale for methods to diagnose and treat selected diseases.
• 14355

BME 382J BIOL RESPONSES TO MEDICAL DEV
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in engineering and consent of instructor. Topic title: Biological responses to medical devices. meets with BME 377T.
• 14360 TTH 1100 - 1230P GDC 2.210 COSGRIFF-HERNANDEZ

DELIVERY OF THERAPEUTIC AGENTS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in engineering and consent of instructor. Topic title: Fundamentals and applications of controlled delivery of therapeutic agents. meets with CHE 384T.
• 14362 MW 100 - 230P CPE 2.222 PEPPAS, N

1-CELL AND TISSUE ENGINEERING
Course number may be repeated for credit when the topics vary. Use of case studies to explore pathologies of tissue, current clinical treatment, and the role of engineers in developing new technologies to diagnose and treat these pathologies. Emphasis on the use of quantitative cellular and molecular techniques. Applications of synthetic and natural biomaterials. Prerequisite: Graduate standing in engineering and consent of instructor. Additional prerequisite: Quantitative physiology or pathophysiology course. meets with BME 379, CHE 339T.
• 14365 TTH 1230 - 200P GEA 114 ZOLDAN, J

8-MOLEC BIOPHY: MSRMNTS/MTHDS
Course number may be repeated for credit when the topics vary. In-depth study and development of intuition for thermodynamics and mechanics and application of understanding to molecular-scale problems in cell biology and biomedical engineering. Focus on increasing students' familiarity with modern methods of biophysical measurement, their strengths and limitations, and how they are being applied to address current research problems. Biomedical Engineering 382J (Topic: Molecular Biophysics: Measurements and Methods) and 382J (Topic 8) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor. Additional prerequisite: Undergraduate biology, calculus, chemistry, and physics is recommended.
• 14370 TTH 930 - 1100 CMA 5.190 STACHOWIAK, J

9-BIOMIMETIC DSGN/ENGINEERING
Course number may be repeated for credit when the topics vary. Introduction to biomimetic reverse engineering, including the weaknessesof animal models to predict human physiology, microphysiological systems, the potential of human organs on chips to accelerate drug development processes, pharmaceutical preclinical testing requirements, human microbiome, disease models to study pathophysiology, and related subjects. Biomedical Engineering 382J (Topic: Biomimetic Design and Engineering) and 382J (Topic 9) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor. meets with BME 377T.
• 14375 TTH 800 - 930 GDC 4.304 KIM, H

10-IMMUNE ENGINEERING
Course number may be repeated for credit when the topics vary. Introduction to the concept of immune engineering. Discussion of vaccinedesign, cancer immunotherapy, genomics, infection, auto-immune diseases and emerging tools and methodologies. Biomedical Engineering 382J (Topic: Immune Engineering) and 382J (Topic 10) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor. Additional prerequisite: Understanding of biology. meets with BME 366.
• 14380 TTH 800 - 930 GEA 114 JIANG, N

BME 383J 2-MUSCULOSKELETAL BIOMECHANICS
Course number may be repeated for credit when the topics vary. Synthesis of properties of the musculotendon and skeletal systems to construct detailed computer models that quantify human performance and muscular coordination. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites may vary with the topic. Additional prerequisite: Mathematics 341 and Kinesiology 395 (Topic 36: Biomechanics of Human Movement). meets with M E 385J (TOPIC 22).
• 14385 TTH 930 - 1100 ETC 4.150 NEPTUNE, R

9-COMP MTHDS FOR BIOMED ENGRS
Course number may be repeated for credit when the topics vary. Study of and hands-on experiences with computational methods commonly employed in biomedical engineering research. Biomedical Engineering 383J (Topic: Computational Methods for Biomedical Engineers I) and 383J (Topic 9) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites may vary with the topic. Additional prerequisite: Graduate standing in engineering. meets with BME 350.
• 14390 TTH 930 - 1100 PHR 2.116 MARKEY, M

BME 384J 1-BIOMED INSTRUMENTATION I
Course number may be repeated for credit when the topics vary. Application of electrical engineering techniques to analysis and instrumentation in biological sciences: pressure, flow, temperature measurement; bioelectrical signals; pacemakers; ultrasonics; electrical safety; electrotherapeutics. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites vary with the topic. same as E E 385J (TOPIC 31). also meets with BME 374K, E E 374K.
• 14395 TTH 200 - 330P ECJ 1.306 PEARCE, J

BME 385J CLINICAL CARDIOLOGY
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Biomedical Engineering 385J and 387J may not both be counted unless the topics vary. Prerequisite: Graduate standing in engineering and consent of instructor. meets with M E 397, M E 379M, CSE 397.
• 14400 W 1000 - 1100 PAR 103 BEASLEY, H

MEDICAL DEVICE DESIGN AND MANU
Course number may be repeated for credit when the topics vary. Biomedical Engineering 385J and 387J may not both be counted unless the topics vary. Prerequisite: Graduate standing in engineering and consent of instructor. meets with M E 397, BME 363E.
• 14405 TTH 1100 - 1230P ETC 7.146 MILNER, T

7-TISSUE/CELL BIOMCH APPLCTNS
Course number may be repeated for credit when the topics vary. Analysis of biosolid mechanics via the mechanical behavior of scaffolds and living tissues and cells. Emphasis on biomechanical application areas, including cell mechanics, engineered materials, hard and soft tissues, and organs. Biomedical Engineering 385J and 387J may not both be counted unless the topics vary. Biomedical Engineering 385J (Topic: TISSUE/SCAFFOLD BIOMECHANICS) and 385J (Topic 7) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor. meets with M E 385J, BME 373, CSE 397.
• 14410 TTH 1230 - 200P GAR 2.112 SACKS, M

BME 685M MECHANISMS OF DISEASE
Hour(s) to be arranged. Overview of the disease-specific concepts required to participate in patient care by integrating clinical medicine, microbiology, pathology, and pharmacology into organ system modules, and the pathophysiology of diseases, the differential diagnosis of cardinal symptoms, and treatmentmodalities. Includes other concepts such as radiology and diagnostics.
• 14415

BME 396 RESEARCH INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Students participate in research in an industry, clinic, or academic laboratory setting selected with the approval of the faculty adviser. May be counted only once toward either the master's or the doctoral degree. Prerequisite: Graduate standing.
• 14420

BME 197 RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14425

BME 297 RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14430

BME 397 RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14435

BME 597 RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14440

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course	unique	days	time	room	instructor

BME 697 RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14445

BME 197E PROFESNL RESPONSBLS IN IMAGING
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Graduate standing.
• 14450 RYLANDER, H

BME 197P GRAD PROFESSIONAL DEV SEMINAR
Offered on the credit/no credit basis only. Explores professional development goals of biomedical engineers. Subjects include an individual development plan, careers in academia, entrepreneurship, careers in industry, and more.
• 14455 T 330 - 430P BME 3.206 MARKEY, M

BME 197S GRAD SMNR IN BIOMEDICAL ENGR
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 14460 TH 330 - 500P BME 3.204 YEH, H

BME 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in biomedical engineering and consent of the graduate adviser; for 698B, Biomedical Engineering 698A.
• 14465

BME 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in biomedical engineering and consent of the graduate adviser; for 698B, Biomedical Engineering 698A.
• 14470

BME 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in biomedical engineering and consent of the graduate adviser.
• 14475

BME 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14480

BME 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14485

BME 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14490

BME 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Biomedical Engineering 399R, 699R, or 999R.
• 14495

BME 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Biomedical Engineering 399R, 699R, or 999R.
• 14500

BME 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Biomedical Engineering 399R, 699R, or 999R.
• 14505

DEPARTMENT OF CHEMICAL ENGINEERING

Chemical Engineering - CHE

CHE 102 INTRO TO CHEMICAL ENGINEERING
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Introduction to chemical engineering, including problem solving and study skills. Opportunities and responsibilities of a career in chemicalengineering. May not be counted toward any engineering degree. Restricted to freshmen.
• 14560 TH 330 - 430P CPE 2.208 TRUSKETT, T

CHE 210 INTRODUCTION TO COMPUTING
Computer programming focusing on basics of computing, high-level programming environments, and spreadsheets, with application to chemicalengineering. Chemical engineering majors must make a grade of at least C- in this course. Restricted to chemical engineering majors.
• 14565 MWF 900 - 1000 CPE 2.214 CONTRERAS, L

CHE 317 INTRO TO CHEM ENGR ANALYSIS
Principles and applications of material and energy balances in process analysis. Chemical engineering majors must make a grade of at least C- in this course in order to take upper-division courses in chemical engineering. Prerequisite: Chemical Engineering 210, Chemistry 302, and Mathematics 408D with a grade of at least C- in each.
• 14570 TTH 930 - 1100 BUR 212
W 300 - 500P BUR 220
• 14575 TTH 930 - 1100 CPE 2.206
W 300 - 500P CPE 2.206

CHE 319 TRANSPORT PHENOMENA
Basic study of momentum, energy, and mass transport. Includes viscous and turbulent flow, heat transfer, and mass diffusion. Chemical Engineering 319 and Chemical Engineering 353 may not both be counted. Restricted to chemical engineering majors. Prerequisite: Chemical Engineering 317, and Mathematics 427J or 427K, with a grade of at least C- in each.
• 14580 TTH 800 - 930 CPE 2.206
M 100 - 300P CPE 2.216
• 14585 TTH 800 - 930 CPE 2.220
M 100 - 300P BUR 134

CHE 322 THERMODYNAMICS
Introductory course in thermodynamics with special reference to chemical process applications: basic laws, thermodynamic properties of single component systems, expansion and compression of fluids, heat engines, multicomponent systems, physical equilibrium, chemical equilibrium. Chemical engineering majors must make a grade of at least C- in this course. Prerequisite: Chemical Engineering 210, 317, Chemistry 353, and Mathematics 427J or 427K, with a grade of at least C- in each.
• 14590 TTH 1100 - 1230P CPE 2.206 SANCHEZ, I
F 900 - 1000 CPE 2.206

CHE 323 CHEM ENGR FOR MICRO-/NANOFAB
Definition and description of the terminology and processes of microelectronics, including semiconductor facilities and chemical processes for integrated circuit manufacture, with an emphasis on unit processes; the major unit process, including thin-film metals and dielectrics deposition and etching, silicon oxidation and etching, ion implantation, diffusion, lithography, planarization, and process control; and an overview of promising nanopatterning and nanofabricationtechniques, such as particle-beam imaging, nanoimprint, and near-field probe imaging, implantation, diffusion, lithography, planarization, and process control. Prerequisite: Chemistry 328M and 328N. meets with CHE 384T.
• 14595 TTH 200 - 330P EER 1.504 WILLSON, C

CHE 333T ENGINEERING COMMUNICATION
Advanced technical communication skills, with emphasis on writing strategies for technical documents, oral presentations, and visual aids. Prerequisite: Rhetoric and Writing 306 with a grade of at least C-.
• 14600 T 1230 - 200P RANDALL, D
TH 1230 - 200P CPE 1.418
• 14605 T 1230 - 200P ETC 2.114 RANDALL, D
TH 1230 - 200P ECJ 1.222
• 14610 T 930 - 1100 CPE 1.418 RANDALL, D
TH 930 - 1100 CPE 1.418
• 14615 TTH 330 - 500P ETC 2.102 RANDALL, D
TTH 330 - 500P ETC 2.102

CHE 338 BIOCHEMICAL ENGINEERING
Offered on the letter-grade basis only. Introduction to basic biological processes including transcription, translation, protein/enzyme function, cellular energetics, protein secretion and modifications. Application of quantitative engineering principles to the analysis of biological processes, including thermodynamics, kinetics and stoichiometry. Chemical Engineering 338 and 379 (Topic: Biochemical Engineering) may not both be counted. Restricted to chemical engineering majors. Prerequisite: Chemical Engineering 317 and 319.
• 14620 MWF 1000 - 1100 ETC 2.132 MAYNARD, J

CHE 339 INTRO TO BIOCHEM ENGINEERING
Microorganisms in chemical and biochemical syntheses; genetic manipulation of cells by classical and recombinant DNA techniques. Enzyme technology; design of bioreactors and microbial fermentations; separations of biological products. Only one of the following may be counted: Biology 335, Biomedical Engineering 339, Chemical Engineering 339, 379 (Topic: Introduction to Biochemical Engineering). Prerequisite: Biology 311C and Chemistry 353. meets with BME 339, BIO 335.
• 14625 TTH 930 - 1100 BUR 112 GEORGIOU, G
TH 500 - 600P CPE 2.210

CHE 339T CELL AND TISSUE ENGINEERING
Introduction to biomedical research in tissue engineering. Includes casestudies of tissues and organs of the body, physiology and biology of tissue, pathologies of tissue, current clinical treatments, the role of engineers in development of new technologies to diagnose and treat pathologies, quantitative cellular and molecular techniques, and applications of synthetic and natural biomaterials. Only one of the following may be counted: Biomedical Engineering 379, Chemical Engineering 339T, 379 (Topic: Cell and Tissue Engineering). Prerequisite: Biology 311C and Chemical Engineering 350. meets with BME 379, BME 382J (TOPIC 1).
• 14630 TTH 1230 - 200P GEA 114 ZOLDAN, J

CHE 348 NUMERCL MTHDS IN CHE/PROB SOLV
Numerical solutions to algebraic and differential equations; numerical methods to integration, interpolation, and regression analysis, with application to chemical engineer-

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course	unique	days	time	room	instructor

ing. Chemical engineering majors must make a grade of at least C- in this course. Prerequisite: Chemical Engineering 210, 317, and Mathematics 427J or 427K, with a grade of at least C- in each.

• 14635	TTH	200 - 330P	CPE 2.216	HILDEBRANDT RUIZ
	W	300 - 400P	CPE 2.216	

NUMERCL MTHDS IN CHE/PROB SOLV

Numerical solutions to algebraic and differential equations; numerical methods to integration, interpolation, and regression analysis, with application to chemical engineering. Chemical engineering majors must make a grade of at least C- in this course. Prerequisite: Chemical Engineering 210, 317, and Mathematics 427J or 427K, with a grade of at least C- in each. meets with CHE 348.

• 14640	TTH	200 - 330P	CPE 2.222	CHELIKOWSKY, J
	M	400 - 500P	CPE 1.418	
• 14645	TTH	200 - 330P	CPE 2.222	CHELIKOWSKY, J
	W	400 - 500P	CPE 1.418	

CHE 350 CHEMICAL ENGINEERING MATERIALS

Metallic, ceramic, polymeric, and composite materials. Crystal structures, phase diagrams, diffusion, and mechanical properties. Emphasis on structure-property-processing relationships. Prerequisite: Chemistry 353 with a grade of at least C-.

• 14650	MWF	1100 - 1200	CPE 2.218	KORGEL, B
	F	1200 - 100P	ETC 2.136	
• 14655	MWF	1200 - 100P	CPE 2.204	MILLIRON, D
	F	100 - 200P	CPE 2.212	

CHE 253K APPLIED STATISTICS

Statistical methods such as data exploration and summary, least-squares fitting, probability and probability distributions, statistical inference and hypothesis testing, analysis of variance, design of experiments, statistical quality control, and use of professional statistical software. Chemical engineering majors must make a grade of at least C- in this course. Prerequisite: Chemical Engineering 210, 317, and Mathematics 427J or 427K, with a grade of at least C- in each.

• 14660	MW	900 - 1000	ETC 2.136	FRIEDMAN, K

CHE 253M MEAS, CNTRL, AND DATA ANLY LAB

Laboratory safety; measurement and statistical analysis of transport process variables like temperature, pressure, and flow rate; computer data acquisition; feedback control; statistical process control and design of experiments; and production of professional-level lab reports. Prerequisite: Chemical Engineering 333T, 319 or 353, and 253K with a grade of at least C- in each.

• 14665	M	200 - 700P	CPE 1.420	FRIEDMAN, K
• 14670	T	200 - 700P	CPE 1.420	FRIEDMAN, K
• 14675	W	200 - 700P	CPE 1.420	FRIEDMAN, K
• 14680	TH	200 - 700P	CPE 1.420	FRIEDMAN, K

CHE 354 TRANSPORT PROCESSES

Design and analysis of heat exchangers, fluid-flow systems and equipment, and interphase-contact devices. Chemical engineering majors must make a grade of at least C- in this course. Prerequisite: Chemical Engineering 319 (or 353) with a grade of at leastC-.

• 14685	MWF	1200 - 100P	CPE 2.218	DINSMOOR, B
	W	400 - 500P	CPE 2.216	
• 14690	MWF	1200 - 100P	CPE 2.218	DINSMOOR, B
	W	500 - 600P	CPE 2.216	
• 14695	MWF	1200 - 100P	ECJ 1.306	ELDRIDGE, R
	W	400 - 500P	ECJ 1.306	

CHE 355 INTRODUCTION TO POLYMERS

Synthesis, structural characterization, physical properties, and applications of polymers. Prerequisite: Chemical Engineering 322. meets with CHE 392P, CH 367L, CH 392N.

• 14700	MWF	1000 - 1100	BUR 220	LYND, N

CHE 359 ENERGY TECHNOLOGY AND POLICY

Technology and policy related to energy supply and demand, oil and gas production, coal utilization, hydrogen production, fuel cells, transportation, nuclear power, solar and wind energy, biomass utilization, energy conservation, and climate change. Only one of the following may be counted: Chemical Engineering 359, 379 (Topic: Energy Technology and Policy), 384 (Topic: Energy Technology andPolicy). meets with CHE 384T, EER 396.

• 14705	TTH	200 - 330P	CPE 2.218	BEACH, F

CHE 360 PROCESS CONTROL

Analysis of process dynamics and methods for the design of automatic control systems for chemical process plants. Prerequisite: Chemical Engineering 322, 253M, and 354 with a grade of at least C- in each.

• 14710	TTH	800 - 930	CPE 2.216	DUNIA, R
	T	1200 - 200P	CPE 2.216	
• 14715	MW	500 - 630P	CPE 2.212	RUIZ, J
	T	100 - 300P	CMA 3.114	

CHE 363 SEPARATN PROC & MASS TRANSFER

Design and analysis of equilibrium and mass transfer based on separations such as absorption, chromatography, crystallization, distillation, extraction, and membrane-based processes. Chemical engineering majors must make a grade of at least C- in this course. Prerequisite: Chemical Engineering 319 (or 353) and 322 with a grade of at least C- in each.

• 14720	MWF	1000 - 1100	CPE 2.216	JOHNSTON, K
	W	1230 - 130P	ECJ 1.314	
• 14725	TTH	1230 - 200P	CPE 2.220	BRENNECKE, J
	F	1200 - 100P	CPE 2.206	

CHE 264 CHEM ENGR PROCESS AND PROJ LAB

Experimental studies of unit operations. Laboratory safety. Statistical data analysis. Written and oral reports. Prerequisite: Chemical Engineering 253M and 363 with a grade in each of at least C-.

• 14730	M	200 - 300P	ETC 2.114	LEWIS, M
	M	300 - 800P	CPE 1.440	
• 14735	M	200 - 300P	ETC 2.114	LEWIS, M
	W	300 - 800P	CPE 1.440	
• 14740	T	200 - 300P	ETC 2.114	LEWIS, M
	T	300 - 800P	CPE 1.440	
• 14745	T	200 - 300P	ETC 2.114	LEWIS, M
	TH	300 - 800P	CPE 1.440	

CHE 364S CHEMICAL PROCESS SAFETY

Offered on the letter-grade basis only. Emphasizes quantitative engineering analysis based on the application ofmass and energy balances, fluid mechanics of incompressible, compressible and two-phase fluids, heat transfer and conservation of energy, diffusion and dispersion under highly variable conditions, reaction kinetics, and process control. Subjects include various probabilistic and statistical methods to characterize accident and loss performance, techniques for process hazard analysis, risk assessment, and accident investigations. Chemical Engineering 364S and 379 (Topic: Chemical Process Safety) may not both be counted. Prerequisite: Chemical Engineering 319 (or 353), 253K, and 354.

• 14750	MWF	1100 - 1200	ECJ 1.314	EDISON, T

CHE 372 CHEM REACTOR ANALYSIS AND DSGN

Planning and design of commercial chemical and biochemical reaction systems for producing fuels, polymers, specialty and consumer products, pharmaceuticals, solid-state devices, and other products. Chemical engineering majors must make a grade of at least C- in this course. Prerequisite: Chemical Engineering 322, 348, and 354 with a grade of at least C- in each.

• 14755	MWF	900 - 1000	CPE 2.216	EDISON, T
	W	1200 - 100P	CPE 2.206	
• 14760	TTH	1100 - 1230P	CPE 2.220	ROSALES, A
	M	100 - 200P	RLM 6.104	

CHE 473K PROCESS DESIGN AND OPERATIONS

Process design, economics, and safety; design projects representing a variety of industries and products. Prerequisite: Chemical Engineering 354, 363, and 372 with a grade of at least C- in each.

• 14765	MWF	1000 - 1100	ECJ 1.314	ROCHELLE, G
	W	1200 - 200P	ECJ 1.308	

CHE 177K UNDERGRADUATE RESEARCH PROJECT

Hour(s) to be arranged. Recommended for students considering graduate study. Topic to be selected in conjunction with individual chemical engineering faculty member, with approval by the department chair. A final written report is required. Prerequisite: A grade point average of at least 3.00 in chemical engineering courses; students must submit an application to the undergraduate advising office.

- 14770
- 14775

CHE 377K UNDERGRAD RESEARCH PROJ-HONORS

Hour(s) to be arranged. Recommended for students considering graduate study. Topic to be selected in conjunction with individual chemical engineering faculty member, with approval by the department chair. A final written report is required. Prerequisite: A grade point average of at least 3.00 in chemical engineering courses; students must submit an application to the undergraduate advising office. Restricted to Chemical Engineering students in the Cockrell School of Engineering Honors Program.

- 14780

UNDERGRADUATE RESEARCH PROJECT

Hour(s) to be arranged. Recommended for students considering graduate study. Topic to be selected in conjunction with individual chemical engineering faculty member, with approval by the department chair. A final written report is required. Prerequisite: A grade point average of at least 3.00 in chemical engineering courses; students must submit an application to the undergraduate advising office.

- 14785

CHE 377L UNDERGRADUATE RESEARCH PROJECT

Hour(s) to be arranged. Subject matter to be selected in conjunction with individual chemical engineering faculty member, with approval by the department chair. A final written report is required. Prerequisite: Chemical Engineering 177K, 277K, or 377K and a grade pointaverage of at least 3.00 in chemical engineering coursework; students must submit application to the undergraduate advising office.

- 14790

CHE 379 ENTREPRENEURSHIP

Course number may be repeated for credit when the topics vary. Special topics of current interest. Prerequisite: Consent of the department. meets with CHE 384T.

• 14795	TTH	1230 - 200P	CPE 2.222	PIANA, M

FROM DATA TO DECISIONS

Course number may be repeated for credit when the topics vary. Special topics of current interest. Prerequisite: Consent of the department.

• 14800	TTH	330 - 500P	CPE 2.222	MACK, C

CHE 679HA UNDERGRADUATE HONORS THESIS

Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of a chemical engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the department chair. The student makes two oral presentations and writes a thesis. Students pursuing both the

April 3, 2018

course	unique	days	time	room	instructor

Bachelor of Arts, Plan II, and the Bachelor of Science in Chemical Engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Chemical Engineering Honors Program; for 679HB, enrollment in the Chemical Engineering Honors Program and credit for Chemical Engineering 679HA.

• 14805					

CHE 679HB UNDERGRADUATE HONORS THESIS

Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of a chemical engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the department chair. The student makes two oral presentations and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and the Bachelor of Science in Chemical Engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Chemical Engineering Honors Program; for 679HB, enrollment in the Chemical Engineering Honors Program and credit for Chemical Engineering 679HA.

• 14810					

CHE 381N FLUID FLOW AND HEAT TRANSFER

Advanced treatment of fluid flow and heat transfer problems in chemical engineering. Prerequisite: Graduate standing.

• 14815	WF	1030 - 1200	CPE 2.222	GANESAN, V	

CHE 384T BIOMEDICAL SEMINAR

Course number may be repeated for credit when the topics vary. Chemical Engineering 384 and 384T may not both be counted unless the topics vary. Prerequisite: Graduate standing.

• 14820	F	200 - 500P	CPE 2.222	PEPPAS, N	

DELIVERY OF THERAPEUTIC AGENTS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Chemical Engineering 384 and 384T may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with BME 382J.

• 14824	MW	100 - 230P	CPE 2.222	PEPPAS, N	
	W	100 - 230P	CPE 2.222		

ENERGY TECHNOLOGY AND POLICY

Course number may be repeated for credit when the topics vary. Chemical Engineering 384 and 384T may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with CHE 359, EER 396.

• 14825	TTH	200 - 330P	CPE 2.218	BEACH, F	

ENTREPRENEURSHIP

Course number may be repeated for credit when the topics vary. Chemical Engineering 384 and 384T may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with CHE 379.

• 14830	TTH	1230 - 200P	CPE 2.222	PIANA, M	

FIELDS, FORCES, AND FLOWS

Course number may be repeated for credit when the topics vary. Chemical Engineering 384 and 384T may not both be counted unless the topics vary. Prerequisite: Graduate standing.

• 14835	WF	930 - 1100		PEPPAS, N	

LITHOGRAPHY

Course number may be repeated for credit when the topics vary. Chemical Engineering 384 and 384T may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with CHE 323.

• 14840	TTH	200 - 330P	EER 1.504	WILLSON, C	

CHE 185 RESEARCH

May be repeated for credit. Prerequisite: Graduate standing in chemical engineering, or graduate standing and consent of instructor.

• 14845	F	1200 - 100P		ALPER, H	

CHE 285 RESEARCH

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in chemical engineering, or graduate standing and consent of instructor.

• 14850					

CHE 385 RESEARCH

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in chemical engineering, or graduate standing and consent of instructor.

• 14855					

CHE 685 RESEARCH

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in chemical engineering, or graduate standing and consent of instructor.

• 14860					

CHE 386K THEORY OF X-RAY DIFFRACTION

Application of basic diffraction theory to polycrystalline and single crystal materials. Prerequisite: Graduate standing and consent of instructor.

• 14865	TTH	1230 - 200P	ETC 9.130	SWINNEA, J	

CHE 387K ADVANCED THERMODYNAMICS

Applications of thermodynamics to chemical engineering processes. Prerequisite: Graduate standing in chemical engineering, or graduate standing and consent of instructor.

• 14870	WF	900 - 1030	CPE 2.222	SANCHEZ, I	

CHE 387M MASS TRANSFER

Advanced treatment of diffusional mass transfer operations in chemical engineering. Prerequisite: Graduate standing.

• 14875	TTH	800 - 930	CPE 2.222	FREEMAN, B	

CHE 392P INTRO TO POLYMER MATERIAL SCI

Synthesis, structural characterization, physical properties, and applications of polymers. Chemical Engineering 384 (Topic: Introduction to Polymer Material Science) and 392P may not both be counted. Prerequisite: Graduate standing. meets with CHE 355, CH 367L, CH 392N.

• 14880	MWF	1000 - 1100	BUR 220	LYND, N	

CHE 397M GRADUATE RESEARCH INTERNSHIP

Hour(s) to be arranged. Research associated with enrollment in the Graduate Research Internship Program (GRIP). Prerequisite: Graduate standing in chemical engineering and consent of instructor and the dean of the Cockrell School of Engineering.

• 14885					

CHE 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in chemical engineering and consent of the graduate adviser; for 698B, Chemical Engineering 698A.

• 14890					

CHE 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in chemical engineering and consent of the graduate adviser; for 698B, Chemical Engineering 698A.

• 14895					

CHE 398R MASTER'S REPORT

Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in chemical engineering and consent of the graduate adviser.

• 14900					

CHE 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 14905					
• 14910					

CHE 499R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 14915					

CHE 599R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 14920					

CHE 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 14925					

CHE 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 14930					

CHE 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Chemical Engineering 399R, 699R, or 999R.

• 14935					

CHE 499W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Chemical Engineering 399R, 699R, or 999R.

• 14940					

CHE 599W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Chemical Engineering 399R, 699R, or 999R.

• 14945					

CHE 699W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Chemical Engineering 399R, 699R, or 999R.

• 14950					

CHE 999W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Chemical Engineering 399R, 699R, or 999R.

• 14955					

April 3, 2018

DEPARTMENT OF CIVIL, ARCHITECTURAL, AND ENVIRONMENTAL ENGINEERING

Architectural Engineering - ARE
Civil Engineering - C E
Environmental Engineering - EVE

ARE 102 INTRO TO ARCHITECTURAL ENGR
Introduction to architectural engineering as a career by use of case studies. Prerequisite: A major in architectural engineering, civil engineering, or architecture, or consent of instructor.
• 15010 T 200 - 300P CPE 2.220 NOVOSELAC, A

ARE 217 COMP-AIDED DESIGN AND GRAPHICS
Introduction to procedures in computer-aided design and computer graphics used in producing plans and three-dimensional electronic modelsassociated with building design and construction. Prerequisite: Architectural Engineering 102.
• 15015 TTH 600 - 900P ECJ 3.106 KAZI, F

ARE 320K INTRODUCTION TO DESIGN I
Introduction to design principles, concepts, and problem-solving approaches. Issues addressed by a series of two- and three-dimensional studies. Prerequisite: Architectural Engineering 217, and credit or registration for Engineering Mechanics 319.
• 15020 MW 1200 - 300P ECJ 3.106 BROOKS, G
F 1200 - 100P EER 1.504
F 100 - 300P ECJ 3.106
• 15025 TTH 1230 - 430P ECJ 3.106 BROOKS, G
F 1200 - 100P EER 1.504

ARE 323K PROJECT MANAGEMENT & ECONOMICS
Solving economic problems related to construction and engineering; construction project management techniques; characteristics of construction organizations, equipment, and methods. Prerequisite: Civil Engineering 333T, and Mathematics 408D or 408M.
• 15030 TTH 930 - 1100 ECJ 1.204 O'BRIEN, W
• 15035 TTH 1100 - 1230P ECJ 1.204 O'BRIEN, W

ARE 325LX COOPERATIVE ENGINEERING
Hour(s) to be arranged. May be repeated for credit. This course covers the work period of architectural engineering students in the Cooperative Engineering Program. The student must complete Architectural Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Architectural Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Architectural Engineering 325LY and appointment for a full-time cooperative work tour.
• 15040

ARE 325LY COOPERATIVE ENGINEERING
Hour(s) to be arranged. May be repeated for credit. This course covers the work period of architectural engineering students in the Cooperative Engineering Program. The student must complete Architectural Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Architectural Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Architectural Engineering 325LY and appointment for a full-time cooperative work tour.
• 15045

ARE 325LZ COOPERATIVE ENGINEERING
Hour(s) to be arranged. May be repeated for credit. This course covers the work period of architectural engineering students in the Cooperative Engineering Program. The student must complete Architectural Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Architectural Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Architectural Engineering 325LY and appointment for a full-time cooperative work tour.
• 15050

ARE 225MA COOPERATIVE ENGINEERING
Hour(s) to be arranged. Covers the work period of architectural engineering students in the Cooperative Engineering Program. The student must complete Architectural Engineering 225MA and 225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Architectural Engineering 225MA and appointment for a full-time cooperative work tour.
• 15055

ARE 225MB COOPERATIVE ENGINEERING
Hour(s) to be arranged. Covers the work period of architectural engineering students in the Cooperative Engineering Program. The student must complete Architectural Engineering 225MA and 225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Architectural Engineering 225MA and appointment for a full-time cooperative work tour.
• 15060

ARE 125N COOPERATIVE ENGINEERING
Hour(s) to be arranged. May be repeated for credit. This course covers the work period of architectural engineering students in the Cooperative Engineering Program. Prerequisite: Architectural Engineering 325LZ or 225MB, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour.
• 15065

ARE 335 MATLS AND MTHDS OF BLDG CONSTR
Elements and properties of construction materials and components; fabrication and construction technologies, methods, and processes; engineering systems characteristic of commercial buildings such as foundation, structural, and building envelope systems. Prerequisite: Civil Engineering 324P.
• 15070 MWF 1000 - 1100 ECJ 1.322 CALDAS, C
W 1100 - 1200 ECJ 1.322

ARE 345K MASONRY ENGINEERING
Behavior and design of masonry with respect to architectural, economic, and structural criteria. Prerequisite: Civil Engineering 329 and credit or registration for Civil Engineering 331. meets with C E 397.
• 15075 MW 1000 - 1100 ECJ 3.402 FERRON, R
F 1200 - 300P ECJ B.226

ARE 346N BUILDING ENVIRONMENTAL SYSTEMS
Analysis and design of building air conditioning systems; heating and cooling load calculations, air side systems analysis, air distribution, building electrical requirements, electrical and lighting systems. Prerequisite: Physics 303L, 103N, and one of the following: Mechanical Engineering 310T, 316T, 320, or 326.
• 15080 TTH 1100 - 1230P ECJ 3.402 NAGY, G

ARE 346P HVAC DESIGN
Design and analysis of heating, ventilation, and cooling systems for buildings. Focus on application of fundamental energy and mass transfer principles to HVAC components. Prerequisite: Architectural Engineering 346N. meets with C E 389H.
• 15085 TTH 200 - 330P ECJ 1.322 NAGY, G

ARE 366 CONTRACTS, LIABILITY, & ETHICS
Legal aspects of engineering and construction contracts; contract formation, interpretation, rights and duties, and changes; legal liabilities and professional ethics of architects, engineers, and contractors. Prerequisite: Architectural Engineering 323K.
• 15090 MW 100 - 200P ECJ 3.402 O'CONNOR, J
F 1200 - 200P ECJ 3.402

ARE 371 ENERGY SIMULATN IN BLDG DESIGN
Fundamentals of building energy simulations, analytical models for heat transfer in buildings, general numerical methods for solving equations from the analytical models, use of energy simulation tools in building design analysis, and parametric analyses used to study various operational parameters that affect energy use in buildings. Prerequisite: Architectural Engineering 346N. meets with C E 397.
• 15095 TTH 1230 - 200P ECJ 1.322 NOVOSELAC, A

ARE 376 BLDG INFO MDLNG CAPITAL PROJS
Focuses on the skills and information needed to effectively use an existing Building Information Model for a building construction project.In this project-based course, students gain knowledge on the implementation of BIM concepts throughout the life cycle of a building from planning and design to construction and operations. Prerequisite: Architectural Engineering 320L and 323K. meets with C E 395R (TOPIC 7).
• 15100 T 330 - 630P ECJ 2.218 LEITE, F
TH 330 - 500P ECJ 2.218

ARE 177K INDEPENDENT STUDY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.
• 15105

ARE 277K INDEPENDENT STUDY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.
• 15110

ARE 377K INDEPENDENT STUDY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.
• 15115

INDEPENDENT STUDY-HON
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic. Restricted to Architectural Engineering honors students.
• 15120

ARE 679HA UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students

March 5, 2018

course	unique	days	time	room	instructor

pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Architectural Engineering 679HA and enrollment in the Engineering Honors Program.

	• 15125				

ARE 679HB UNDERGRADUATE HONORS THESIS

Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Architectural Engineering 679HA and enrollment in the Engineering Honors Program.

	• 15130				

C E 301 CIVIL ENGINEERING SYSTEMS

Introduction to civil engineering as a career; engineering problem solving; use of computers for text, graphics, and data analysis; introduction to civil engineering measurements; breadth of disciplines within civil engineering; engineering ethics, sustainability.

	• 15185	MW	100 - 200P	CPE 2.218	BOYLES, S
		T	930 - 1230P	ECJ 3.406	
	• 15190	MW	100 - 200P	CPE 2.218	BOYLES, S
		TH	930 - 1230P	ECJ 3.406	
	• 15195	MW	100 - 200P	CPE 2.218	BOYLES, S
		M	200 - 500P	ECJ 3.406	
	• 15200	MW	100 - 200P	CPE 2.218	BOYLES, S
		T	200 - 500P	ECJ 3.406	
	• 15205	MW	100 - 200P	CPE 2.218	BOYLES, S
		TH	200 - 500P	ECJ 3.406	
	• 15210	MW	100 - 200P	CPE 2.218	BOYLES, S
		W	300 - 600P	ECJ 3.406	

C E 311K INTRO TO COMPUTER METHODS

Organization and programming of civil engineering problems for computer solutions. Prerequisite: Mathematics 408D or 408M.

	• 15215	TTH	800 - 930	CPE 2.204	LILJESTRAND, H
		F	200 - 400P	ECJ 2.210	
	• 15220	TTH	800 - 930	CPE 2.204	LILJESTRAND, H
		W	300 - 500P	ECJ 2.210	
	• 15225	TTH	800 - 930	CPE 2.204	LILJESTRAND, H
		T	400 - 600P	ECJ 2.210	
	• 15230	MWF	1100 - 1200	CPE 2.212	CLAUDEL, C
		M	100 - 300P	ECJ 2.210	
	• 15235	MWF	1100 - 1200	CPE 2.212	CLAUDEL, C
		M	300 - 500P	ECJ 2.210	
	• 15240	MWF	1100 - 1200	CPE 2.212	CLAUDEL, C
		M	500 - 700P	ECJ 2.210	

C E 311S PROBABIL/STATS FOR CIVIL ENGRS

Basic theory of probability and statistics with practical applications to civil engineering problems, including statistical inference and sampling. Additional subjects may include reliability and risk analyses, estimation and regression analyses, and experimental design. Prerequisite: Mathematics 408D or 408M.

	• 15245	TTH	930 - 1100	CBA 4.348	PROZZI, J
		M	100 - 200P	ECJ 2.218	
	• 15250	TTH	930 - 1100	CBA 4.348	PROZZI, J
		M	200 - 300P	ECJ 2.218	
	• 15255	TTH	930 - 1100	CBA 4.348	PROZZI, J
		M	300 - 400P	ECJ 2.218	
	• 15260	TTH	1100 - 1230P	CPE 2.212	MANUEL, L
		W	1000 - 1100	ECJ 2.210	
	• 15265	TTH	1100 - 1230P	CPE 2.212	MANUEL, L
		W	1100 - 1200	ECJ 2.210	
	• 15270	TTH	1100 - 1230P	CPE 2.212	MANUEL, L
		W	1200 - 100P	ECJ 2.210	

C E 319F ELEMENTARY MECHANICS OF FLUIDS

Fluid properties, hydrostatics, elements of fluid dynamics, energy and momentum, boundary layers, similitude, pipe flow, metering instruments, drag forces. Civil Engineering 319F and Mechanical Engineering 330 may not both be counted. Prerequisite: Engineering Mechanics 306.

	• 15275	TTH	930 - 1100	CPE 2.216	KINNAS, S
		W	800 - 1000	ECJ B.112A	
	• 15280	TTH	930 - 1100	CPE 2.216	KINNAS, S
		M	900 - 1100	ECJ B.112A	
	• 15285	TTH	930 - 1100	CPE 2.216	KINNAS, S
		W	100 - 300P	ECJ B.112A	
	• 15290	TTH	930 - 1100	CPE 2.216	KINNAS, S
		F	100 - 300P	ECJ B.112A	
	• 15295	TTH	1230 - 200P	ECJ 1.204	HODGES, B
		T	200 - 400P	ECJ B.112A	
	• 15300	TTH	1230 - 200P	ECJ 1.204	HODGES, B
		TH	200 - 400P	ECJ B.112A	
	• 15305	TTH	1230 - 200P	ECJ 1.204	HODGES, B
		W	300 - 500P	ECJ B.112A	
	• 15310	TTH	1230 - 200P	ECJ 1.204	HODGES, B
		M	400 - 600P	ECJ B.112A	

C E 321 TRANSPORTATION SYSTEMS

Planning, economics, location, construction, operation, maintenance, and design of transportation systems; concepts of various modes of transportation. Prerequisite: Civil Engineering 311S.

	• 15315	TTH	200 - 330P	RLM 6.104	BHAT, C

C E 324P PROPS AND BEHAV OF ENGR MATLS

Structure, properties, and behavior of engineering materials, including concrete and metals. Laboratory exercises illustrate mechanical behaviorof typical materials and demonstrate selected principles of mechanics. Civil Engineering 314K and 324P may not both be counted. Prerequisite: Chemistry 301, Civil Engineering 333T, and Engineering Mechanics 319.

	• 15320	MWF	1000 - 1100	ECJ 1.324	JUENGER, M
		TH	930 - 1230P	ECJ B.226	
	• 15325	MWF	1000 - 1100	ECJ 1.324	JUENGER, M
		M	300 - 600P	ECJ B.226	
	• 15330	MWF	1000 - 1100	ECJ 1.324	JUENGER, M
		W	300 - 600P	ECJ B.226	
	• 15335	MWF	400 - 500P	ECJ 1.324	JUENGER, M
		M	900 - 1200	ECJ B.226	
	• 15340	MWF	400 - 500P	ECJ 1.324	JUENGER, M
		W	900 - 1200	ECJ B.226	
	• 15345	MWF	400 - 500P	ECJ 1.324	JUENGER, M
		T	930 - 1230P	ECJ B.226	

C E 325LX COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of civil engineering students in the Cooperative Engineering Program. The student must complete Civil Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Civil Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Civil Engineering 325LY and appointment for a full-time cooperative work tour.

	• 15350				

C E 325LY COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of civil engineering students in the Cooperative Engineering Program. The student must complete Civil Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Civil Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Civil Engineering 325LY and appointment for a full-time cooperative work tour.

	• 15355				

C E 325LZ COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of civil engineering students in the Cooperative Engineering Program. The student must complete Civil Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Civil Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Civil Engineering 325LY and appointment for a full-time cooperative work tour.

	• 15360				

C E 225MA COOPERATIVE ENGINEERING

Hour(s) to be arranged. Covers the work period of civil engineering students in the Cooperative Engineering Program. The student must complete Civil Engineering 225MA and 225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Civil Engineering 225MA and appointment for a full-time cooperative work tour.

	• 15365				

C E 225MB COOPERATIVE ENGINEERING

Hour(s) to be arranged. Covers the work period of civil engineering students in the Cooperative Engineering Program. The student must complete Civil Engineering 225MA and 225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Civil Engineering 225MA and appointment for a full-time cooperative work tour.

	• 15370				

C E 125N COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of civil engineering students in the Cooperative Engineering Program. Prerequisite: Civil Engineering 325LZ or 225MB, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour.

	• 15375				

C E 329 STRUCTURAL ANALYSIS

Classical methods of analysis for determinate and indeterminate structures under stationary and moving loads. Prerequisite: Engineering Mechanics 319 and Civil Engineering 311K.

	• 15380	MWF	100 - 200P	ECJ 1.204	SALAMONE, S
	• 15385	TTH	200 - 330P	ECJ 1.204	MANUEL, L

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course	unique	days	time	room	instructor

C E 331 REINFORCED CONCRETE DESIGN
Additional hour(s) to be arranged. Design of reinforced concrete beams and columns. Prerequisite: Civil Engineering 324P (or 314K) and 329.

• 15390	MWF	800 - 900	ECJ 3.406	HRYNYK, T
• 15395	TTH	800 - 930	ECJ 1.322	BAYRAK, O

C E 333T ENGINEERING COMMUNICATION
Laboratory hour(s) to be arranged. Technical communication skills for engineers, especially researching andwriting technical documents for many kinds of readers, managing and documenting sources of information, using and explaining graphics, delivering oral presentations, working collaboratively, and eliciting information from experts and stakeholders. Prerequisite: Rhetoric and Writing 306.

• 15400	MWF	1000 - 1100	ECJ 1.308	O'BRIEN, S
• 15405	MWF	1200 - 100P	ECJ 1.322	O'BRIEN, S
• 15410	TTH	200 - 330P	ECJ 1.324	

C E 335 ELEMENTS OF STEEL DESIGN
Additional hour(s) to be arranged. Analysis and design of tension members, beams, columns, and bolted and welded connections. Prerequisite: Civil Engineering 324P (or 314K) and 329.

• 15415	TTH	800 - 930	ECJ 1.324	CLAYTON, P

C E 341 INTRO TO ENVIRONMENTAL ENGR
Quantitative evaluation of the environmental, economic, and technical problems involved in control of pollutants of the air, water, and land. Prerequisite: Chemistry 302 and Civil Engineering 319F.

• 15420	MWF	900 - 1000	ECJ 1.204	SALEH, N

C E 342 WATER & WASTEWTR TREATMT ENGR
Application of chemical, biological, and physical principles to the analysis and design of treatment processes for drinking water, industrial process water, municipal wastewater, and water reuse applications. Prerequisite: Civil Engineering 341 or Environmental Engineering 312.

• 15425	TTH	200 - 330P	ECJ 3.402	KIRISITS, M

C E 356 ELEMENTS OF HYDRAULIC ENGR
Flow in closed conduits, hydraulic machinery; open-channel flow; flow measurement; design of storm sewers. Prerequisite: Civil Engineering 319F.

• 15430	TTH	1100 - 1230P	ECJ 1.324	PASSALACQUA, P
	M	1100 - 100P	ECJ B.111	
• 15435	TTH	1100 - 1230P	ECJ 1.324	PASSALACQUA, P
	W	1100 - 100P	ECJ B.111	
• 15440	TTH	1100 - 1230P	ECJ 1.324	PASSALACQUA, P
	F	300 - 500P	ECJ B.111	
• 15445	TTH	1230 - 200P	CPE 2.206	FURNANS, J
	F	1100 - 100P	ECJ B.111	
• 15450	TTH	1230 - 200P	CPE 2.206	FURNANS, J
	T	400 - 600P	ECJ B.111	
• 15455	TTH	1230 - 200P	CPE 2.206	FURNANS, J
	TH	400 - 600P	ECJ B.111	

C E 357 GEOTECHNICAL ENGINEERING
Engineering properties of soils; hydraulic conductivity and shear strength of soils; soil compaction and consolidation; stresses with the soil mass; settlement of foundations of structures; laboratory measurements. Prerequisite: Civil Engineering 319F and Engineering Mechanics 319.

• 15460	MWF	1100 - 1200	ECJ 1.324	
	TH	1230 - 330P	ECJ B.140	
• 15465	MWF	1100 - 1200	ECJ 1.324	
	M	300 - 600P	ECJ B.140	
• 15470	MWF	1100 - 1200	ECJ 1.324	
	W	300 - 600P	ECJ B.140	
• 15475	MWF	300 - 400P	ECJ 1.324	ZORNBERG, J
	W	900 - 1200	ECJ B.140	
• 15480	MWF	300 - 400P	ECJ 1.324	ZORNBERG, J
	F	900 - 1200	ECJ B.140	
• 15485	MWF	300 - 400P	ECJ 1.324	ZORNBERG, J
	T	330 - 630P	ECJ B.140	

C E 358 INTRODUCTORY OCEAN ENGINEERING
Wave theory and its applications to coastal engineering, wave energy conversion, and offshore structure technology. Includes fundamentals of inviscid and viscous flow of incompressible fluids, and applications of computational fluid dynamics (CFD) in design. Prerequisite: Civil Engineering 319F.

• 15490	TTH	1230 - 200P	ECJ 1.324	KINNAS, S

C E 360K FOUNDATION ENGINEERING
Effect of geotechnical conditions on the behavior, proportioning, and choice of foundation type; design of shallow and deep foundations; study of foundation case histories. Prerequisite: Civil Engineering 357.

• 15495	MWF	200 - 300P	ECJ 3.402	RATHJE, E
	F	300 - 500P	ECJ 3.402	

C E 363 ADVANCED STRUCTURAL ANALYSIS
Structural analysis for forces and deflections using stiffness and flexibility approaches; application of energy methods in structural analysis; stiffness methods for computer-based structural analysis. Prerequisite: Civil Engineering 329, and Mathematics 427J or 427K.

• 15500	TTH	1100 - 1230P	ECJ 1.322	WILLIAMSON, E

C E 365K HYDRAULIC ENGINEERING DESIGN
Application of engineering hydraulics to watershed management and urban infrastructure design; engineering hydrology; open-channel hydraulics; remotely sensed data analysis; hydraulic and hydrologic modeling tools; urban water quality and low impact design. Prerequisite: Civil Engineering 356.

• 15505	TTH	330 - 500P	CPE 2.216	KLENZENDORF, J

C E 366K DESIGN OF BITUMINOUS MIXTURES
Fundamental properties of asphalt and aggregates, design and construction of asphalt mixtures, special mixtures, and superpave designmethod. Restricted to students admitted to major sequence in civil engineering. Prerequisite: Civil Engineering 321. meets with C E 391Q.

• 15510	TTH	1230 - 200P	ECJ 3.406	BHASIN, A
	F	1230 - 200P	ECJ 3.406	

C E 367P PAVEMENT DESIGN & PERFORMANCE
Basic principles of design of pavements for highways, airfields, and railroads; pavement construction, maintenance, and rehabilitation. Prerequisite: Civil Engineering 324P.

• 15515	TTH	330 - 500P	ECJ 3.402	PROZZI, J

C E 369L AIR POLLUTION ENGINEERING
Characterization of sources, emissions, transport, transformation, effects, and control of outdoor and indoor air pollutants. Applications of chemistry, thermodynamics, and fluid mechanics in the selection and design of air pollution control equipment. Prerequisite: Civil Engineering 341 or Environmental Engineering 312. meets with C E 396L (TOPIC 3).

• 15520	MWF	1100 - 1200	ECJ 1.322	KINNEY, K

C E 171P ENGINEERING PROFESSIONALISM
Examines professional engineering licensure, ethics, leadership, public service, and public policy, with an emphasis on multidisciplinary perspectives, legal and business considerations, and the importance of lifelong learning. Includes participation in a culminating major design project in public service, reflecting knowledge from technical electivesand base level coursework. Only one of the following may be counted: Civil Engineering 177K (Topic:ENGINEERING PROFESSIONALISM), 370P and 171P. Prerequisite: Credit or registration for one of the following: Civil Engineering 360K, 362M, 362N, 364, 365K, or 367G.

• 15525	W	300 - 500P	ECJ 1.308	GILBERT, R

C E 374K HYDROLOGY
Phases of the hydrologic cycle and associated transport processes; land surface-atmosphere interaction; soil infiltration; rainfall runoff; unithydrograph; flow routing; hydrologic statistics; and extreme events, including design storms and flows. Prerequisite: Civil Engineering 311S and 356.

• 15530	TTH	930 - 1100	ECJ 1.324	PASSALACQUA, P

C E 177K INDEPENDENT STUDY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.

• 15535

C E 377K INDEPENDENT STUDY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.

• 15540

INDEPENDENT STUDY-HON
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic. Restricted to students in the Civil Engineering Honors program.

• 15545

C E 679HA UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Civil Engineering 679HA and enrollment in the Engineering Honors Program.

• 15550

C E 679HB UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Civil Engineering 679HA and enrollment in the Engineering Honors Program.

• 15555

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course	unique	days	time	room	instructor

C E 381P COMPUTER METHS IN STRUCT ANLY
Linear and nonlinear analysis of trusses and frames; introduction to structural stability; and computational aspects of linear and nonlinear structural analysis. Prerequisite: Graduate standing and consent of instructor.

• 15560	TTH	800 - 930			WILLIAMSON, E

C E 383L ADV REINFORCED CONCRETE MEMBER
Behavior of reinforced concrete members; critical review of specifications; limit states; anchorage and development of reinforcement; shear; torsion. Prerequisite: Graduate standing, Civil Engineering 331, and consent of instructor.

• 15565	TTH	930 - 1100	ECJ 1.322		MURCIA DELSO, J

C E 383P PRESTRESSED CONCRETE
Theory, advantages, and limitations; various systems of prestressing; composite construction; continuous span theory. Prerequisite: Graduate standing, Civil Engineering 331, and consent of instructor.

• 15570	TTH	1100 - 1230P			BAYRAK, O

C E 384R EARTHQUAKE ENGINEERING
Earthquake characteristics; seismic loads; elastic and inelastic response; analysis and design of buildings for earthquakes. Prerequisite: Graduate standing, and Civil Engineering 384P or consent of instructor.

• 15575	TTH	200 - 330P	ECJ B.226		CLAYTON, P

C E 385J HAZARDOUS WASTE MANAGEMENT
Legal and technological approaches to effective and sustainable control of hazardous wastes and contaminated sites, studied through problem evaluation and solution. Prerequisite: Graduate standing, and Civil Engineering 342 or consent of instructor.

• 15580	TTH	200 - 330P	ECJ 3.110		WERTH, C

C E 385L 1-PHYSICAL AND CHEM TREATMENT
Course number may be repeated for credit when the topics vary. Principles of sustainable treatment of domestic and industrial water, wastewater, and sludges. Prerequisite: Graduate standing. Additional prerequisite: Civil Engineering 342 or consent of instructor.

• 15585	MWF	900 - 1000			LAWLER, D

2-BIOL WASTWTR TRT/SLUDGE PROC
Course number may be repeated for credit when the topics vary. Principles of sustainable treatment of domestic and industrial water, wastewater, and sludges. Prerequisite: Graduate standing. Additional prerequisite: Civil Engineering 342 or consent of instructor.

• 15590	M	1200 - 300P	ECJ 3.110		

C E 387C GEOENVIRONMENTAL ENGINEERING
Hydraulic conductivity of soils; clay behavior; compacted clay barriers; unsaturated soil behavior and barriers; geosynthetics and geosynthetic barriers; contaminants and solid waste; liquid drainage layers; stability of landfills; contaminant transport through barriers. Prerequisite: Graduate standing.

• 15595	MWF	900 - 1100	ECJ 3.110		ZORNBERG, J

C E 387L 1-CONSOL/SHEARING PROPS SOILS
Course number may be repeated for credit when the topics vary. Theoretical and experimental studies of the consolidation and shearing properties of both saturated and unsaturated soils. Prerequisite: Graduate standing.

• 15600	MW	100 - 230P	ECJ 1.322		EL MOHTAR, C
	F	200 - 500P	ECJ 1.322		

C E 387T DECISION, RISK, & RELIABILITY
Principles and theory for modeling uncertainty in civil engineering, analyzing how uncertainties affect performance, and developing rational bases for design and decision making under uncertain conditions. Prerequisite: Graduate standing and an introductory course in probability and statistics.

• 15605	MWF	1100 - 1200			GILBERT, R

C E 389H HVAC DESIGN
Design of heating, ventilation, and air-conditioning systems. Prerequisite: Graduate standing and three of the following courses: Architectural Engineering 346N, Civil Engineering 319F, Mechanical Engineering 320, 326, 330, 339. meets with ARE 346P.

• 15610	TTH	200 - 330P	ECJ 1.322		NAGY, G

C E 390N WATER POLLUTION CHEMISTRY
Advanced topics in the application of engineering solutions to chemical problems in freshwater and marine environments. Prerequisite: Graduate standing.

• 15615	TTH	930 - 1100			KATZ, L

C E 391F ADVANCED THRY OF TRAFFIC FLOW
Relations among traffic variables; distribution functions; single lane and multilane traffic flow; characterization of traffic in cities; kinematic waves; yellow signal dilemma; merging; fuel consumption; emissions; and special topics. Emphasis on the interplay among theory, experimentation, and observation. Prerequisite: Graduate standing and consent of instructor.

• 15620	MW	930 - 1100	CBA 4.336		CLAUDEL, C

C E 391H URBAN TRANSPORTATION PLANNING
Interrelationship of transportation and the urban environment; methodologies for planning multimodal transportation systems and developing feasible alternatives; emphasis on developing insight into the transportation problem and the planning process rather than on solving specific problems of limited scope. Prerequisite: Graduate standing.

• 15625	TTH	1230 - 200P	GDC 2.402		KOCKELMAN, K

C E 391Q BITUMINOUS MATERIALS
Design and use of asphalt mixtures; chemical, physical, and rheological properties of asphalt; and practical applications in highways, airports, and other construction. Prerequisite: Graduate standing and consent of instructor. meets with C E 366K.

• 15630	TTH	1230 - 200P	ECJ 3.406		BHASIN, A
	F	1230 - 200P	ECJ B.226		

C E 392C TRANSPORTATION NETWORK ANLY
Transportation network analysis focusing on planning and optimization using static traffic assignment models. Subjects include deterministic and stochastic equilibrium, traditional and modern solution methods, shortest path algorithms, combined models, and basic nonlinear programming skills. Prerequisite: Graduate standing.

• 15635	TTH	930 - 1100	ECJ 3.110		BOYLES, S

C E 392M PUBLIC TRANSPORTATION ENGR
Introduction to public transportation systems, including demand forecasting, operations, and design. Includes statistical methods, driver and vehicle scheduling, algorithms, and survey sampling techniques. Prerequisite: Graduate standing.

• 15640	TTH	1230 - 200P			MACHEMEHL, R

C E 392N 1-INFRASTRUCTURE SYSTEMS MGMT
Course number may be repeated for credit when the topics vary. Management principles, modeling techniques, computer applications, and emerging technologies for the analysis, engineering, and management of infrastructure systems. Concepts, principles, theories, and models for infrastructure management, with emphasis on civil infrastructure systems. Prerequisite: Graduate standing and consent of instructor.

• 15645	TTH	200 - 330P			ZHANG, Z

C E 392U TRANSPORTATION SYSTEMS MGMT
Evolving concepts of transportation agency organization, management, anddelivery of transportation programs, products, and services. Separation versus integration of transport policymaking and service delivery functions; emerging models for delivering programs and services, such asoutsourcing, privatization, and state-owned enterprises; review of national and international experiences with innovative approaches and the benefits and costs associated with change. Prerequisite: Graduate standing.

• 15650	MW	1100 - 1230P	ECJ 3.406		WALTON, C

C E 393M ENVIRONMENTAL ENGR RSCH SMNR
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Presentation and discussion of environmental topics in surface water, groundwater, air resources, and land resources. Prerequisite: Graduate standing and consent of instructor.

• 15655	TH	330 - 500P	ECJ 1.204		KIRISITS, M

C E 394K 3-GEOG INFO SYS IN WATER RES
Course number may be repeated for credit when the topics vary. Principles of geographic information systems, hydrology, and database management systems applied to water resources problems. With consent of instructor, any topic may be repeated for credit. Prerequisite: Graduate standing; and a basic course in hydrology and in differential equations, or consent of instructor. Additional prerequisite: Consent of instructor.

• 15660	TTH	1230 - 200P	ETC 5.148		MAIDMENT, D

C E 395Q 1-PROJECT CONTROLS
Course number may be repeated for credit when the topics vary. Fundamentals of planning, scheduling, and cost management on projects. Topics include network scheduling, activity and resource management, cost loading and cost control, and computer tools used for project controls, such as schedule simulation and three-dimensional and four-dimensional CAD. Prerequisite: Graduate standing and consent of instructor.

• 15665	TTH	800 - 930	ECJ 3.406		GONZALES, A

C E 395R 7-BLDG INFO MDLNG CAPITAL PRJS
Course number may be repeated for credit when the topics vary. Building information models in plan execution for a building construction project. Focus on implementation of building information modeling concepts throughout the lifecycle of a building, from planning and design to construction and operations. Civil Engineering 395R (Topic 7) and 397 (Topic: Building Information Modeling for Capital Projects) may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with ARE 376.

• 15670	T	330 - 630P	ECJ 2.218		LEITE, F
	TH	330 - 500P	ECJ 2.218		

C E 395S 1-HUMAN RESOURCES PROJ MANAGE
Course number may be repeated for credit when the topics vary. Evaluation of individual, group, and organizational behavior in construction work. In-depth study of communication, decision making, andthe relationship between controls and behavior. Prerequisite: Graduate standing and consent of instructor.

• 15675	M	400 - 700P	ECJ 1.322		BORCHERDING, J

C E 395U 4-CONSTRUCTION SAFETY
Course number may be repeated for credit when the topics vary. Causes and effects of construction safety incidents, proactive preventative strategies, and tactics. Civil Engineering 395U (Topic 4) and 397 (Topic: Construction Safety Management) may not both be counted. Prerequisite: Graduate standing and consent of instructor.

• 15680	TTH	200 - 330P	RLM 7.112		LEITE, F

C E 395V 3-CONSTRUCTION INDUSTRY SMNR
Course number may be repeated for credit when the topics vary. Construction industry issues and best practices, such as front-end planning and zero accident techniques, developed by the Construction Industry Institute (CII). Guest lecturers include CII management staff and visiting industry leaders. Emphasis on implementation of proven practices on projects. Prerequisite: Graduate standing and consent of instructor.

• 15685	F	1100 - 300P	ECJ 3.110		KING, C

course	unique	days	time	room	instructor

C E 396L 3-AIR POLLUTION CONTROL
Course number may be repeated for credit when the topics vary. Sources, transport, fate, impacts, characteristics, and control of air contaminants; source control and prevention; urban air quality; occupational and residential indoor air quality. Design of air pollution control systems for stationary sources. Technical, regulatory, and economic fundamentals related to the control of gaseous and particulate emissions. Prerequisite: Graduate standing and consent of instructor. meets with C E 369L.

• 15690	MWF	1100 - 1200	ECJ 1.322	KINNEY, K

C E 397 BUILDING ENERGY MANAGEMENT SYS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.

• 15695	TTH	930 - 1100	ETC 2.102	NOVOSELAC, A

CLIMATE CHANGE MITIGATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.

• 15700	MW	200 - 400P		APTE, J

ENERGY DEVELOPMENT/POLICY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic. meets with LAW 379M, E E 394V, BGS 380.

• 15705	T	345 - 615P	TNH 2.123	ADELMAN, D

ENERGY SIMULATION IN BLDG DSGN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic. meets with ARE 371.

• 15710	TTH	1230 - 200P	ECJ 1.322	NOVOSELAC, A

EXPER MTHDS IN FLUID MECH
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.

• 15715	TTH	200 - 330P	ETC 2.102	JOHNSON, B
	T	330 - 530P	ECJ B.226	

IN SITU SOIL CHARACTERIZATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.

• 15720	MW	230 - 400P	ECJ 1.322	COX, B

LINEAR REGRSSN/DISCRETE MTHDS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.

• 15725	TTH	1100 - 1230P	ECJ 3.110	BHAT, C

MASONRY ENGINEERING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic. meets with ARE 345K.

• 15730	MW	1000 - 1100	ECJ 3.402	FERRON, R
	F	1200 - 300P	ECJ B.226	

SOURCES/INDOOR AIR POLLUTION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.

• 15735	TTH	930 - 1100	ETC 2.114	XU, Y

SPECIAL STUDIES IN CIVIL ENGR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15740

SUSTAINABLE SYSTEMS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.

• 15745	W	400 - 700P	ECJ 1.322	CORSI, R

C E 397C MASTER'S RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of adviser.
• 15750

C E 697C MASTER'S RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of adviser.
• 15755

C E 397D DISSERTATION RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of adviser.
• 15760

C E 697D DISSERTATION RESEARCH
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of adviser.
• 15765

C E 397K STABILITY OF STRUCTURES
Stability as it relates to actual behavior and design; elastic and inelastic theories; evaluation of specifications; columns, beams, and frames. Prerequisite: Graduate standing and consent of instructor.

• 15770	TTH	930 - 1100	ECJ 3.110	HELWIG, T
	TH	500 - 630P	ECJ 3.110	

C E 397L ADVANCED STRUCTURAL METALS
Elastic and inelastic design methods for steel members, connections, and structures; torsion of open and closed sections, welding, plate buckling, and column stability; bracing design. Prerequisite: Graduate standing, Civil Engineering 335, and consent of instructor.

• 15775	TTH	1230 - 200P		ENGELHARDT, M

C E 197Q SPEC INDEP STDS IN CIVIL ENGR
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of adviser.
• 15780

C E 297Q SPEC INDEP STDS IN CIVIL ENGR
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of adviser. Partially taught as a Web-based course.
• 15785

C E 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in civil engineering and consent of the graduate adviser; for 698B, Civil Engineering 698A.
• 15790

C E 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in civil engineering and consent of the graduate adviser; for 698B, Civil Engineering 698A.
• 15795

C E 398D DEPARTMENTAL REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the departmental report option. Prerequisite: Graduate standing in civil engineering and consent of the supervising professor and the graduate adviser.
• 15800

C E 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the Master of Science in Engineering degree under the Graduate School report option. Prerequisite: Graduate standing in civil engineering and consent of the supervising professor and the graduate adviser.
• 15805

C E 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 15810

C E 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 15815

C E 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 15820

C E 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Civil Engineering 399R, 699R, or 999R.
• 15825

C E 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Civil Engineering 399R, 699R, or 999R.
• 15830

C E 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Civil Engineering 399R, 699R, or 999R.
• 15835

EVE 310 SUSTAINABLE SYSTEMS ENGR
Integration and optimization of engineering systems for water treatment,water reuse, and energy production processes given technical, economic, and environmental constraints. Prerequisite: Credit or registration for Physics 303L.

• 15890	T	1230 - 200P	ECJ 1.312	SELA, P
	TH	1230 - 300P	ECJ 2.210	
• 15895	T	1230 - 200P	ECJ 1.312	SELA, P
	TH	1230 - 300P	ECJ 2.218	

April 3, 2018

course	unique	days	time	room	instructor

EVE 177K FIRST YEAR SEMINAR IN EVE

Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.

• 15900	W	200 - 300P	ECJ 1.204	WERTH, C

EVE 377K INDEPENDENT STUDY

Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.

• 15905

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Electrical Engineering - E E

E E 302 INTRO ELECTRICAL ENGINEERING

The scope and nature of professional activities of electrical engineers,including problem-solving techniques; analysis and design methods; engineering professional ethics; analysis of analog resistive circuits, including Thevenin/Norton equivalents, mesh analysis, and nodal analysis; and operational amplifiers (DC response). Substantial teamworkis required for laboratory work in this course. Electrical Engineering 302 and 302H may not both be counted. Prerequisite: Credit with a grade of at least C- or registration for Mathematics 408C or 408K.

• 15960	MW	900 - 1030	UTC 3.132	YU, E
	T	900 - 1100	EER 1.826	
• 15965	MW	900 - 1030	UTC 3.132	YU, E
	F	900 - 1100	EER 1.826	
• 15970	MW	900 - 1030	UTC 3.132	YU, E
	T	1100 - 100P	EER 1.826	
• 15975	MW	900 - 1030	UTC 3.132	YU, E
	W	100 - 300P	EER 1.826	
• 15980	MW	900 - 1030	EER 1.516	BANK, S
	M	1100 - 100P	EER 1.826	
• 15985	MW	900 - 1030	EER 1.516	BANK, S
	F	100 - 300P	EER 1.826	
• 15990	MW	900 - 1030	EER 1.516	BANK, S
	M	300 - 500P	EER 1.826	
• 15995	MW	1030 - 1200	ECJ 1.214	LEE, J
	TH	1100 - 100P	EER 1.826	
• 16000	MW	1030 - 1200	ECJ 1.214	LEE, J
	M	100 - 300P	EER 1.826	
• 16005	MW	1030 - 1200	ECJ 1.214	LEE, J
	TH	100 - 300P	EER 1.826	
• 16010	MW	1030 - 1200	UTC 3.132	DODABALAPUR, A
	TH	900 - 1100	EER 1.826	
• 16015	MW	1030 - 1200	UTC 3.132	DODABALAPUR, A
	T	1100 - 100P	EER 1.826	
• 16020	MW	1030 - 1200	UTC 3.132	DODABALAPUR, A
	F	300 - 500P	EER 1.826	
• 16025	MW	130 - 300P	ECJ 1.214	BELKIN, M
	M	900 - 1100	EER 1.826	
• 16030	MW	130 - 300P	ECJ 1.214	BELKIN, M
	F	1100 - 100P	EER 1.826	
• 16035	MW	130 - 300P	ECJ 1.214	BELKIN, M
	TH	300 - 500P	EER 1.826	

E E 306 INTRODUCTION TO COMPUTING

Motivated, bottom-up introduction to computing; bits and operations on bits; number formats; arithmetic and logic operations; digital logic; the Von Neumann model of processing, including memory, arithmetic logic unit, registers, and instruction decoding and execution; introduction tostructured programming and debugging; machine and assembly language programming; the structure of an assembler; physical input/output through device registers; subroutine call/return; trap instruction; stacks and applications of stacks. Prerequisite: Credit with a grade of at least a C- or registration for Mathematics 408C or 408K.

• 16040	TTH	930 - 1100	UTC 4.132	TELANG, N
	F	100 - 200P	ECJ 1.304	
• 16045	TTH	930 - 1100	UTC 4.132	TELANG, N
	F	200 - 300P	ECJ 1.304	
• 16050	TTH	930 - 1100	UTC 4.132	TELANG, N
	F	300 - 400P	ECJ 1.304	
• 16055	TTH	930 - 1100	UTC 4.132	TELANG, N
	F	400 - 500P	ECJ 1.304	
• 16060	MW	1200 - 130P	BUR 112	YERRABALLI, R
	T	1000 - 1100	SZB 380	
• 16065	MW	1200 - 130P	BUR 112	YERRABALLI, R
	T	1100 - 1200	ETC 2.132	
• 16070	MW	1200 - 130P	BUR 112	YERRABALLI, R
	T	1200 - 100P	ETC 2.132	
• 16075	MW	1200 - 130P	BUR 112	YERRABALLI, R
	T	100 - 200P	ECJ 1.222	
• 16080	MW	300 - 430P	EER 1.516	ABRAHAM, J
	TH	1000 - 1100	SZB 284	
• 16085	MW	300 - 430P	EER 1.516	ABRAHAM, J
	TH	1100 - 1200	RLM 5.112	
• 16090	MW	300 - 430P	EER 1.516	ABRAHAM, J
	TH	1200 - 100P	ETC 2.132	
• 16095	MW	300 - 430P	EER 1.516	ABRAHAM, J
	TH	100 - 200P	ETC 2.114	
• 16100	TTH	1230 - 200P	EER 1.518	CUEVAS, A
	F	900 - 1000	ECJ 1.304	
• 16105	TTH	1230 - 200P	EER 1.518	CUEVAS, A
	F	1000 - 1100	GEA 127	
• 16110	TTH	1230 - 200P	EER 1.518	CUEVAS, A
	F	1100 - 1200	ECJ 1.304	
• 16115	TTH	1230 - 200P	EER 1.518	CUEVAS, A
	F	1200 - 100P	ECJ 1.304	

E E 307E ELEMENTS OF ELECTR/COMP ENGR

Introduction to electrical engineering: direct current circuit analysis,resistors, LEDs, switches, current and voltage measurements. Introduction to computer engineering: number systems, digital logic, storage, finite state machines, programming basics, microcontrollers. Electrical Engineering 307S (Topic: ELEMENTS OF ELEC/COMP ENGR) and 307Emay not both be counted. Prerequisite: Consent of the instructor

• 16120	MW	1030 - 1200	EER 1.512	TELANG, N
	F	930 - 1030	EER 1.512	

E E 309S DEVEL OF SOLAR-POWERED VEHICLE

Analysis, design, and construction of a solar-powered car for national competitions involving other universities. Study of electrical, mechanical, and aerodynamic systems. Electrical Engineering 309K (Topic: Development of a Solar Car for NASC) and 309S may not both be counted. meets with ASE 379L, E E 362S.

• 16125	TTH	500 - 630P	ECJ 1.222	HALLOCK, G
	S	200 - 500P	ECB 19	

E E 411 CIRCUIT THEORY

Capacitance and inductance; first- and second-order transient circuit response, including operational amplifier circuits; sinusoidal steady state analysis; Bode plots; complex power in single and balanced three-phase systems; transformers; two-port networks (Z-parameters and Y-parameters); and computer-aided analysis and design. Prerequisite: Electrical Engineering 302 or 302H with a grade of at least C-; credit with a grade of at least C- or registration for Mathematics 427J or 427K, and Physics 303L and 103N.

• 16130	MW	900 - 1030	EER 1.518	LEE, J
	MW	300 - 500P	EER 1.512	
• 16135	MW	900 - 1030	EER 1.518	LEE, J
	MW	500 - 700P	EER 1.512	

CIRCUIT THEORY

Designed to accommodate 100 or more students. Capacitance and inductance; first- and second-order transient circuit response, including operational amplifier circuits; sinusoidal steady state analysis; Bode plots; complex power in single and balanced three-phase systems; transformers; two-port networks (Z-parameters and Y-parameters); and computer-aided analysis and design. Prerequisite: Electrical Engineering 302 or 302H with a grade of at least C-; credit with a grade of at least C- or registration for Mathematics 427J or 427K, and Physics 303L and 103N. meets with E E 313.

• 16140	MW	1200 - 130P	ECJ 1.214	CUEVAS, A
	W	500 - 700P	RLM 7.112	

CIRCUIT THEORY

Capacitance and inductance; first- and second-order transient circuit response, including operational amplifier circuits; sinusoidal steady state analysis; Bode plots; complex power in single and balanced three-phase systems; transformers; two-port networks (Z-parameters and Y-parameters); and computer-aided analysis and design. Prerequisite: Electrical Engineering 302 or 302H with a grade of at least C-; credit with a grade of at least C- or registration for Mathematics 427J or 427K, and Physics 303L and 103N. meets with E E 382N (TOPIC 1).

• 16145	MW	500 - 630P	EER 1.516	SWARTZLANDER, E
	T	330 - 530P	EER 1.512	
• 16150	MW	500 - 630P	EER 1.516	SWARTZLANDER, E
	T	530 - 730P	EER 1.512	
• 16155	MW	500 - 630P	EER 1.516	SWARTZLANDER, E
	T	730 - 930P	EER 1.512	

CIRCUIT THEORY

Designed to accommodate 100 or more students. Capacitance and inductance; first- and second-order transient circuit response, including operational amplifier circuits; sinusoidal steady state analysis; Bode plots; complex power in single and balanced three-phase systems; transformers; two-port networks (Z-parameters and Y-parameters); and computer-aided analysis and design. Prerequisite: Electrical Engineering 302 or 302H with a grade of at least C-; credit with a grade of at least C- or registration for Mathematics 427J or 427K, and Physics 303L and 103N. meets with E E 313.

• 16160	MW	1200 - 130P	ECJ 1.214	CUEVAS, A
	W	300 - 500P	EER 1.512	
• 16165	MW	1200 - 130P	ECJ 1.214	CUEVAS, A
	M	700 - 900P	EER 1.512	

CIRCUIT THEORY

Capacitance and inductance; first- and second-order transient circuit response, including operational amplifier circuits; sinusoidal steady state analysis; Bode plots; complex power in single and balanced three-phase systems; transformers; two-port networks (Z-parameters and Y-parameters); and computer-aided analysis and design. Prerequisite: Electrical Engineering 302 or 302H with a grade of at least C-; credit with a grade of at least C- or registration for Mathematics 427J or 427K, and Physics 303L and 103N. meets with E E 411.

• 16170	MW	300 - 430P	BUR 136	TELANG, N
	TH	500 - 700P	EER 1.512	

April 3, 2010

course	unique	days	time	room	instructor
	• 16175	MW	300 - 430P	BUR 136	TELANG, N
		TH	700 - 900P	EER 1.512	
	• 16180	MW	300 - 430P	BUR 136	TELANG, N
		W	700 - 900P	EER 1.512	

E E 312 SOFTWR DSGN AND IMPLEMENTATN I

Basic problem solving, design and implementation techniques for imperative programming; structured programming in the C/C++ language; programming idioms; introduction to software design principles, including modularity, coupling and cohesion; introduction to software engineering tools; elementary data structures; asymptotic analysis. Electrical Engineering 312 and 312H may not both be counted. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 303 or Electrical Engineering 306, and ElectricalEngineering 319K.

• 16185	TTH	930 - 1100	UTC 4.102	PRIEBE, R
	T	200 - 300P	EER 0.818	
• 16190	TTH	930 - 1100	UTC 4.102	PRIEBE, R
	T	300 - 400P	EER 0.818	
• 16195	TTH	930 - 1100	UTC 4.102	PRIEBE, R
	T	400 - 500P	EER 0.818	
• 16200	TTH	930 - 1100	UTC 4.102	PRIEBE, R
	T	500 - 600P	EER 0.818	
• 16205	MW	130 - 300P	BUR 136	BARBER, K
	T	900 - 1000	EER 0.818	
• 16210	MW	130 - 300P	BUR 136	BARBER, K
	T	1000 - 1100	EER 0.818	
• 16215	MW	130 - 300P	BUR 136	BARBER, K
	T	1100 - 1200	EER 0.818	
• 16220	MW	130 - 300P	BUR 136	BARBER, K
	T	1200 - 100P	EER 0.818	
• 16225	TTH	200 - 330P	RLM 7.104	PRIEBE, R
	W	900 - 1000	EER 0.818	
• 16230	TTH	200 - 330P	RLM 7.104	PRIEBE, R
	W	1000 - 1100	EER 0.818	
• 16235	TTH	200 - 330P	RLM 7.104	PRIEBE, R
	W	1100 - 1200	EER 0.818	
• 16240	TTH	200 - 330P	RLM 7.104	PRIEBE, R
	W	1200 - 100P	EER 0.818	

E E 313 LINEAR SYSTEMS AND SIGNALS

Representation of signals and systems; system properties; sampling; Laplace and z-transforms; transfer functions and frequency response; convolution; stability; Fourier transform; feedback; and control applications. Computer analysis using MATLAB or Python. Prerequisite: Biomedical Engineering 311, Electrical Engineering 411, or331 with a grade of at least C-; Mathematics 427J or 427K with a grade of at least C-; and credit with a grade of at least C- or registration for Mathematics 340L.

• 16245	MW	900 - 1030	BUR 130	CUEVAS, A

LINEAR SYSTEMS AND SIGNALS

Representation of signals and systems; system properties; sampling; Laplace and z-transforms; transfer functions and frequency response; convolution; stability; Fourier transform; feedback; and control applications. Computer analysis using MATLAB or Python. Prerequisite: Biomedical Engineering 311, Electrical Engineering 411, or331 with a grade of at least C-; Mathematics 427J or 427K with a grade of at least C-; and credit with a grade of at least C- or registration for Mathematics 340L. meets with E E 411.

• 16250	MW	1200 - 130P	ECJ 1.214	CUEVAS, A

LINEAR SYSTEMS AND SIGNALS

Representation of signals and systems; system properties; sampling; Laplace and z-transforms; transfer functions and frequency response; convolution; stability; Fourier transform; feedback; and control applications. Computer analysis using MATLAB or Python. Prerequisite: Biomedical Engineering 311, Electrical Engineering 411, or331 with a grade of at least C-; Mathematics 427J or 427K with a grade of at least C-; and credit with a grade of at least C- or registration for Mathematics 340L.

• 16255	TTH	1230 - 200P	EER 1.516	EVANS, B

E E 316 DIGITAL LOGIC DESIGN

Boolean algebra; analysis and design of combinational and sequential logic circuits; state machine design and state tables and graphs; simulation of combinational and sequential circuits; applications to computer design; and introduction to hardware description languages (HDLs) and field-programmable gate arrays (FPGAs). Prerequisite: Biomedical Engineering 303, Computer Science 429, or Electrical Engineering 306 with a grade of at least C-.

• 16260	MW	1030 - 1200	BUR 130	TOUBA, N
	T	1200 - 100P	EER 0.724	
• 16265	MW	1030 - 1200	BUR 130	TOUBA, N
	M	200 - 300P	EER 0.724	
• 16270	MW	1030 - 1200	BUR 130	TOUBA, N
	M	300 - 400P	EER 0.724	
• 16275	MW	1030 - 1200	BUR 130	TOUBA, N
	M	400 - 500P	EER 0.724	
• 16280	TTH	1100 - 1230P	UTC 3.124	ORSHANSKY, M
	T	100 - 200P	EER 0.724	
• 16285	TTH	1100 - 1230P	UTC 3.124	ORSHANSKY, M
	T	200 - 300P	EER 0.724	
• 16290	TTH	1100 - 1230P	UTC 3.124	ORSHANSKY, M
	T	300 - 400P	EER 0.724	
• 16295	TTH	1100 - 1230P	UTC 3.124	ORSHANSKY, M
	T	400 - 500P	EER 0.724	
• 16300	MW	300 - 430P	CPE 2.218	KULKARNI, J
	W	900 - 1000	EER 0.724	
• 16305	MW	300 - 430P	CPE 2.218	KULKARNI, J
	W	1000 - 1100	EER 0.724	
• 16310	MW	300 - 430P	CPE 2.218	KULKARNI, J
	T	1100 - 1200	EER 0.724	
• 16315	MW	300 - 430P	CPE 2.218	KULKARNI, J
	W	1100 - 1200	EER 0.724	

E E 319K INTRO TO EMBEDDED SYSTEMS

Embedded systems; machine language execution; assembly and C language programming; local variables and subroutines; input/output synchronization; analog to digital conversion and digital to analog conversion; debugging; and interrupts. Prerequisite: Biomedical Engineering 303 or Electrical Engineering 306 with a grade of at least C-.

• 16320	TTH	1230 - 200P	ETC 2.136	VALVANO, J
	T	300 - 400P	EER 1.826	
• 16325	TTH	1230 - 200P	ETC 2.136	VALVANO, J
	T	400 - 500P	EER 1.826	
• 16330	TTH	1230 - 200P	ETC 2.136	VALVANO, J
	W	430 - 530P	EER 1.826	
• 16335	TTH	1230 - 200P	ETC 2.136	VALVANO, J
	T	500 - 600P	EER 1.826	
• 16340	TTH	1230 - 200P	ETC 2.136	VALVANO, J
	TH	500 - 600P	EER 1.826	

E E 422C SOFTWR DSGN & IMPLEMENTATN II

Methods for engineering software with a focus on abstraction; specification, design, implementation, and testing of object-oriented code using a modern development toolset for complex systems; design and implementation of object-oriented programs in Java; abstract data types;inheritance; polymorphism; parameterized types and generic programming; the operation and application of commonly used data structures; exception handling and fault tolerance; introduction to algorithm analysis; teamwork models. Prerequisite: Computer Science 312 or Electrical Engineering 312 or 312Hwith a grade of at least C-.

• 16345	TTH	930 - 1100	GDC 1.304	NANDAKUMAR, V
	TH	1100 - 1230P	EER 0.818	
• 16350	TTH	930 - 1100	GDC 1.304	NANDAKUMAR, V
	TH	1230 - 200P	EER 0.818	
• 16355	TTH	930 - 1100	GDC 1.304	NANDAKUMAR, V
	TH	200 - 330P	EER 0.818	
• 16360	TTH	930 - 1100	GDC 1.304	NANDAKUMAR, V
	TH	330 - 500P	EER 0.818	
• 16365	TTH	1230 - 200P	BUR 216	NANDAKUMAR, V
	F	900 - 1030	EER 0.818	
• 16370	TTH	1230 - 200P	BUR 216	NANDAKUMAR, V
	F	1030 - 1200	GDC 5.304	
• 16375	TTH	1230 - 200P	BUR 216	NANDAKUMAR, V
	F	1200 - 130P	EER 0.818	
• 16380	TTH	1230 - 200P	BUR 216	NANDAKUMAR, V
	F	130 - 300P	EER 0.818	

E E 325 ELECTROMAGNETIC ENGINEERING

Electrostatics and magnetostatics; properties of conductive, dielectric,and magnetic materials; solutions of Maxwell's equations; uniform plane wave applications; frequency- and time-domain analyses of transmission lines. Prerequisite: Electrical Engineering 411, Mathematics 427J or 427K, Physics 303L, and 103N with a grade of at least C- in each; and credit with a grade of at least C- or registration for Mathematics 427L.

• 16385	MW	900 - 1030	ECJ 1.214	CHEN, R

E E 325K ANTENNAS AND WIRELESS PROPGATN

Designed to accommodate 35 or fewer students. Solutions of time-varying Maxwell's equations with applications to antennas and wireless propagation; antenna theory and design, array synthesis; electromagnetic wave propagation, scattering, and diffraction; numerical methods for solving Maxwell's equations. Prerequisite: Electrical Engineering 325 with a grade of at least C-.

• 16390	TTH	1100 - 1230P	ECJ 1.306	YILMAZ, A

E E 325LX COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of electrical and computer engineering students in the Cooperative Engineering Program. The student must complete Electrical Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Electrical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Electrical Engineering 325LY and appointment for a full-time cooperative work tour.

• 16395

E E 325LY COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of electrical and computer engineering students in the Cooperative Engineering Program. The student must complete Electrical Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Electrical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Electrical Engineering 325LY and appointment for a full-time cooperative work tour.

• 16400

April 3, 2018

course	unique	days	time	room	instructor

E E 325LZ COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of electrical and computer engineering students in the Cooperative Engineering Program. The student must complete Electrical Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Electrical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Electrical Engineering 325LY and appointment for a full-time cooperative work tour.

course	unique	days	time	room	instructor
E E 325LZ	• 16405				

E E 225MA COOPERATIVE ENGINEERING

Hour(s) to be arranged. This course covers the work period of electrical engineering students inthe Cooperative Engineering Program. The student must complete Electrical Engineering 225MA and 225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Electrical Engineering 225MA and appointment for a full-time cooperative work tour.

course	unique	days	time	room	instructor
E E 225MA	• 16410				

E E 225MB COOPERATIVE ENGINEERING

Hour(s) to be arranged. This course covers the work period of electrical engineering students inthe Cooperative Engineering Program. The student must complete Electrical Engineering 225MA and 225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Electrical Engineering 225MA and appointment for a full-time cooperative work tour.

course	unique	days	time	room	instructor
E E 225MB	• 16415				

E E 125N COOPERATIVE ENGINEERING

Hour(s) to be arranged. May be repeated for credit. This course covers the work period of electrical engineering students in the Cooperative Engineering Program. Prerequisite: Electrical Engineering 325LZ or 225MB, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour.

course	unique	days	time	room	instructor
E E 125N	• 16420				

E E 125S INTERNSHIP IN ELEC & COMP ENGR

Hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit. Practical work experience in industry or a research lab under the supervision of an engineer or scientist. Requires a substantial final report. May be repeated for credit, but only three hours may be counted toward an electrical engineering degree. Prerequisite: Consent of the undergraduate adviser.

course	unique	days	time	room	instructor
E E 125S	• 16425				
	• 16430				

E E 333T ENGINEERING COMMUNICATION

Advanced engineering communication skills, with emphasis on technical documents, oral reports, and graphics; collaborative work involving online communication and research. Restricted to electrical engineering majors. Prerequisite: Electrical Engineering 312 or 313 with a grade of at leastC-, and one of the following with a grade of at least C-: English 316L, 316M, 316N, or 316P, (or 316K).

course	unique	days	time	room	instructor
E E 333T	• 16435	MWF	900 - 1000	ECJ 1.222	FAGELSON, W
	• 16440	TTH	930 - 1100	ECJ 1.222	WUSTER, T
	• 16445	MWF	1100 - 1200	ECJ 1.222	FAGELSON, W
	• 16450	TTH	1100 - 1230P	ECJ 1.222	WUSTER, T
	• 16455	MW	1200 - 130P	SZB 380	WUSTER, T
	• 16460	MWF	100 - 200P	ECJ 1.222	FAGELSON, W
	• 16465	MW	130 - 300P	JES A216A	WUSTER, T

E E 438 FUNDMNTLS ELEC CIRCUITS I LAB

Analysis and design of electronic circuits using semiconductor devices. Basic device physics and small-signal modeling for diodes, bipolar junction transistors, and metal-oxide-semiconductor transistors; operation region and biasing; basic switching circuits; single-stage andmulti-stage amplifier design and analysis; input and output impedance characteristics of amplifiers; frequency response; AC and DC coupling techniques; differential amplifiers and output stages. Prerequisite: Biomedical Engineering 311 or Electrical Engineering 411 with a grade of at least C-; credit with a grade of at least C- or registration for Biomedical Engineering 343 or Electrical Engineering 313; and credit with a grade of at least C- or registration for one of the following: Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T.

course	unique	days	time	room	instructor
E E 438	• 16470	TTH	1230 - 200P	ECJ 1.214	GHARPUREY, R
		F	900 - 1200	EER 1.828	
	• 16475	TTH	1230 - 200P	ECJ 1.214	GHARPUREY, R
		F	1200 - 300P	EER 1.828	
	• 16480	TTH	1230 - 200P		GHARPUREY, R
		TH	200 - 500P		
	• 16485	TTH	1230 - 200P	ECJ 1.214	GHARPUREY, R
		F	300 - 600P	EER 1.828	

E E 338L ANALOG INTEGRATED CIRCUIT DSGN

Analysis and design of analog integrated circuits; transistor models; simple and advanced current mirrors; single-ended amplifiers; differential amplifiers; operational amplifiers; frequency response; feedback theory; stability analysis; circuit nonidealities and noise; output stages; analog filters. CAD tools for circuit analysis and design. Prerequisite: Electrical Engineering 438 with a grade of at least C-. meets with E E 382M (TOPIC 14).

course	unique	days	time	room	instructor
E E 338L	• 16490	MW	500 - 630P	ECJ 1.312	AKINWANDE, D

E E 339 SOLID-STATE ELECTRONIC DEVICES

Semiconductor materials; atomic orbitals to energy band structure of semiconductors; charge carrier transport, electron-hole generation and recombination; p-n junctions and Schottky barriers; bipolar and field-effect transistors; and introduction to optoelectronic devices. Prerequisite: Mathematics 427J or 427K, Physics 303L, and 103N with a grade of at least C- in each.

course	unique	days	time	room	instructor
E E 339	• 16495	MW	1030 - 1200	EER 1.518	REGISTER, L

E E 440 INTEG CIRC NANOMANUFAC TECHNQS

Integrated circuit processing; crystal growth and wafer preparation; epitaxial growth; oxidation, diffusion, and ion implantation; thin-film deposition techniques; and lithography and etching. Prerequisite: Electrical Engineering 339 with a grade of at least C-; and credit with a grade of at least C- or registration for Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T. meets with E E 396K (TOPIC 8).

course	unique	days	time	room	instructor
E E 440	• 16500	MW	1030 - 1200	JES A205A	NEIKIRK, D
		T	500 - 800P	EER 0.766	
	• 16505	MW	1030 - 1200	JES A205A	NEIKIRK, D
		TH	500 - 800P	EER 0.766	

E E 445L EMBEDDED SYSTEMS DESIGN LAB

Design of microcontroller-based embedded systems; interfacing from both a hardware and software perspective; and applications, including audio, data acquisition, and communication systems. Prerequisite: Electrical Engineering 312 or 312H and 319K with a grade of at least C- in each; Electrical Engineering 411 and 313, or Biomedical Engineering 311 and 343, with a grade of at least C- in each; and credit with a grade of at least C- or registration for Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T.

course	unique	days	time	room	instructor
E E 445L	• 16510	TTH	330 - 500P	EER 1.516	VALVANO, J
		MW	900 - 1030	EER 1.806	
	• 16515	TTH	330 - 500P	EER 1.516	VALVANO, J
		TTH	930 - 1100	EER 1.806	
	• 16520	TTH	330 - 500P	EER 1.516	VALVANO, J
		MW	1030 - 1200	EER 1.806	
	• 16525	TTH	330 - 500P	EER 1.516	VALVANO, J
		TTH	1100 - 1230P	EER 1.806	
	• 16530	TTH	330 - 500P	EER 1.516	VALVANO, J
		TTH	1230 - 200P	EER 1.806	
	• 16535	TTH	330 - 500P	EER 1.516	VALVANO, J
		TTH	200 - 330P	EER 1.806	
	• 16540	TTH	330 - 500P	EER 1.516	VALVANO, J
		TTH	500 - 630P	EER 1.806	

E E 445S REAL-TIME DIGITAL SIG PROC LAB

Architectures of programmable digital signal processors; programming forreal-time performance; design and implementation of digital filters, modulators, data scramblers, pulse shapers, and modems in real time; and interfaces to telecommunication systems. Prerequisite: Electrical Engineering 312 or 312H and 319K with a grade of at least C- in each; Biomedical Engineering 343 or Electrical Engineering 313 with a grade of at least C-; credit with a grade of at least C- or registration for Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T; and credit with a grade of at least C- or registration for Biomedical Engineering 335 or Electrical Engineering351K.

course	unique	days	time	room	instructor
E E 445S	• 16545	MWF	1100 - 1200	ECJ 1.308	EVANS, B
		F	100 - 400P	EER 1.810	
	• 16550	MWF	1100 - 1200	ECJ 1.308	EVANS, B
		M	630 - 930P	EER 1.810	
	• 16555	MWF	1100 - 1200	ECJ 1.308	EVANS, B
		T	630 - 930P	EER 1.810	
	• 16560	MWF	1100 - 1200	ECJ 1.308	EVANS, B
		W	630 - 930P	EER 1.810	

E E 351K PROBABILITY/RANDOM PROCESSES

Probability, random variables, statistics, and random processes, including counting, independence, conditioning, expectation, density functions, distributions, law of large numbers, central limit theorem, confidence intervals, hypothesis testing, statistical estimation, stationary processes, Markov chains, and ergodicity. Prerequisite: Mathematics 427J or 427K with a grade of at least C-.

course	unique	days	time	room	instructor
E E 351K	• 16565	TTH	930 - 1100	ECJ 1.202	DE VECIANA, G
	• 16570	MW	500 - 630P	PAI 3.02	VISHWANATH, S

E E 160 SPEC PROBS IN ELEC & COMP ENGR

Hour(s) to be arranged. May be repeated for credit. Original investigation of special problems as approved by the electricalengineering department. Restricted to engineering majors. Prerequisite: Electrical Engineering 312 or 313 with a grade of at leastC- and consent of instructor.

course	unique	days	time	room	instructor
E E 160	• 16575				

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course	unique	days	time	room	instructor

E E 360 SPEC PROBS IN ELEC & COMP ENGR

Hour(s) to be arranged. May be repeated for credit. Original investigation of special problems as approved by the electricalengineering department. Restricted to engineering majors. Prerequisite: Electrical Engineering 312 or 313 with a grade of at leastC- and consent of instructor.

• 16580					

E E 460 SPEC PROBS IN ELEC & COMP ENGR

Hour(s) to be arranged. May be repeated for credit. Original investigation of special problems as approved by the electricalengineering department. Restricted to engineering majors. Prerequisite: Electrical Engineering 312 or 313 with a grade of at leastC- and consent of instructor.

• 16585					

E E 360C ALGORITHMS

Advanced problem solving methods; algorithm design principles; complexity analysis; study of the nature, impact, and handling of intractability; study of common algorithmic classes and their applications. Prerequisite: Computer Science 312 or Electrical Engineering 312 or 312Hwith a grade of at least C-; and Computer Science 313K or Mathematics 325K with a grade of at least C-.

• 16590	TTH	1100 - 1230P	ECJ 1.214	NIKOLOVA, E
• 16595	MW	500 - 630P	ECJ 1.214	SOLOVEICHIK, D
• 16600	TTH	500 - 630P	ECJ 1.214	NANDAKUMAR, V

E E 460J DATA SCIENCE LABORATORY

Predictive modeling, regression and classification, data cleaning and preprocessing, feature engineering, unsupervised methods, principal component analysis, data clustering, model selection and feature selection, entropy and information theory, neural networks, deep learning, machine learning for signals and time-series data. Only one of the following may be counted: Electrical Engineering 460J, 379K (Topic: Data Science Laboratory) or 379K (Topic 24). Prerequisite: The following with a grade of at least C- in each: Computer Science 314 or 314H, or Electrical Engineering 360C; BiomedicalEngineering 343 or Electrical Engineering 313; and Biomedical Engineering 335 or Electrical Engineering 351K or Mathematics 362K; Mathematics 340L. Credit with a grade of at least C- or registration forAerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T.

• 16605	TTH	330 - 500P	ECJ 1.214	DIMAKIS, G
	W	300 - 500P	ECJ 1.304	
• 16610	TTH	330 - 500P	ECJ 1.214	DIMAKIS, G
	W	600 - 900P	ECJ 1.304	
• 16615	TTH	330 - 500P	ECJ 1.214	DIMAKIS, G
	TH	630 - 930P	ECJ 1.304	

E E 460M DIGITAL SYSTEMS DSGN USING HDL

Organization, design, simulation, synthesis, and testing of digital systems; hardware description languages (HDLs); field programmable gate arrays (FPGAs); hardware implementation of arithmetic and other algorithmic processes; state machine charts; microprogramming; and microprocessor design. Prerequisite: Electrical Engineering 312 or 312H, 316, and 319K with a grade of at least C- in each.

• 16620	TTH	1100 - 1230P	PAR 203	JOHN, L
	F	1200 - 300P	EER 0.724	
• 16625	TTH	1100 - 1230P	PAR 203	JOHN, L
	TH	200 - 500P	EER 0.724	
• 16630	TTH	1100 - 1230P	PAR 203	JOHN, L
	F	300 - 600P	EER 0.724	

E E 460N COMPUTER ARCHITECTURE

Characteristics of instruction set architecture and microarchitecture; physical and virtual memory; caches and cache design; interrupts and exceptions; integer and floating-point arithmetic; I/O processing; buses; pipelining, out-of-order execution, branch prediction, and other performance enhancements; design trade-offs; case studies of commercial microprocessors. Laboratory work includes completing the behavioral-level design of a microarchitecture. Prerequisite: Computer Science 312 or 312H, and 429 or 429H with a gradeof at least C- in each; or Electrical Engineering 306, 312 or 312H, and 319K with a grade of at least C- in each.

• 16635	MW	500 - 630P	ECJ 1.202	PATT, Y
	F	1030 - 1200	EER 1.512	
• 16640	MW	500 - 630P	ECJ 1.202	PATT, Y
	F	1200 - 130P	EER 1.512	
• 16645	MW	500 - 630P	ECJ 1.202	PATT, Y
	F	130 - 300P	EER 1.512	
• 16650	MW	500 - 630P	ECJ 1.202	PATT, Y
	F	300 - 430P	EER 1.512	
• 16655	MW	500 - 630P	ECJ 1.202	PATT, Y
	TH	330 - 500P	RLM 6.112	
• 16660	MW	500 - 630P	ECJ 1.202	PATT, Y
	TH	500 - 630P	RLM 6.112	

E E 460R INTRODUCTION TO VLSI DESIGN

Theory and practice of very-large-scale integration (VLSI) circuit design. Metal-oxide-semiconductor (MOS) transistors; static and dynamic complementary metal-oxide-semiconductor (CMOS) combinational and sequential circuits; design of adders, multipliers, and shifters; performance, power consumption and testing. CAD tools for layout, timing analysis, synthesis, physical design, and verification. Prerequisite: Electrical Engineering 316 and 438 with a grade of at least C- in each. meets with E E 382M (TOPIC 7).

• 16665	TTH	200 - 330P	ECJ 1.318	MCDERMOTT, M
	F	900 - 1200	EER 0.810	
• 16670	TTH	200 - 330P	ECJ 1.318	MCDERMOTT, M
	F	1200 - 300P	EER 0.810	

E E 361C MULTICORE COMPUTING

Theoretical and practical aspects of designing multicore software systems; programming constructs for concurrent computation; openMP; sequential consistency; linearizability; lock-based synchronization; lock-free synchronization; wait-free synchronization; consensus number; software transactional memory; testing and debugging parallel programs; race detection; concurrent data structures such as stacks, queues, linked lists, hash tables, and skiplists; formal models; temporal logic;reachability analysis; and parallel graph algorithms. Electrical Engineering 361C and 379K (Topic: Multicore Computing) may not both be counted. Prerequisite: Electrical Engineering 422C with a grade of at least C-. meets with E E 382C (TOPIC 12).

• 16675	TTH	200 - 330P	EER 1.516	GARG, V

E E 461L SOFTWARE ENGR AND DESIGN LAB

The design and development of large-scale software systems using automated analysis tools. Generation of concrete software engineering artifacts at all stages of the software life-cycle. Design principles and methods; design and modeling tools; collaborative development environment; object-oriented design and analysis; design patterns and refactoring; integration and testing tools; debugger and bug finder; program comprehension; software life-cycle and evolution. Prerequisite: Computer Science 314, 314H, or Electrical Engineering 422Cwith a grade of at least C-; Mathematics 325K with a grade of at least C-; and credit or registration with a grade of at least C- for Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T.

• 16680	TTH	930 - 1100	CPE 2.218	EBERLEIN, M
	M	900 - 1200	EER 0.818	
• 16685	TTH	930 - 1100	CPE 2.218	EBERLEIN, M
	M	1200 - 300P	EER 0.818	
• 16690	TTH	930 - 1100	CPE 2.218	EBERLEIN, M
	M	300 - 600P	EER 0.818	
• 16695	TTH	930 - 1100	CPE 2.218	EBERLEIN, M
	M	600 - 900P	EER 0.818	
• 16700	TTH	1230 - 200P	UTC 4.132	EBERLEIN, M
	W	300 - 600P	EER 0.818	
• 16705	TTH	1230 - 200P	UTC 4.132	EBERLEIN, M
	W	600 - 900P	EER 0.818	
• 16710	TTH	1230 - 200P	UTC 4.132	EBERLEIN, M
	T	630 - 930P	EER 0.818	
• 16715	TTH	1230 - 200P	UTC 4.132	EBERLEIN, M
	TH	630 - 930P	EER 0.818	

E E 461P DATA SCIENCE PRINCIPLES

Additional hour(s) to be arranged. Principles of unsupervised and supervised learning; exploratory data analysis; feature engineering; predictive modeling for regression and classification; clustering algorithms; neural networks and stochastic gradient descent methods; scalable models for Big Data sets; case studies; programming predictive models in Python and R. Only one of following may be counted: Electrical Engineering 379K (Topic: Introduction to Data Mining), 361M, and 461P. Prerequisite: The following with a grade of at least C- in each: Mathematics 340L, and Computer Science 314 or 314H, or Electrical Engineering 360C, and Biomedical Engineering 343 or Electrical Engineering 313, and Biomedical Engineering 335 or Electrical Engineering 351K or Mathematics 362K.

• 16720	TTH	1100 - 1230P	EER 1.516	GHOSH, J

E E 361Q REQUIREMENTS ENGINEERING

Methods and technology for acquiring, representing, documenting, verifying, validating, and maintaining requirements; text-based, graphic-based, and computational requirements model representations; requirements analysis to synthesize and resolve conflicts among disparate stakeholder viewpoints; requirements traceability and evolution, and change management. Electrical Engineering 361Q and 379K (Topic: Requirements Engineering) may not both be counted. Prerequisite: Computer Science 312 or 312H, or Electrical Engineering 312 or 312H with a grade of at least C-. meets with E E 382C (TOPIC 11).

• 16725	MW	1030 - 1200	EER 1.516	BARBER, K

E E 461S OPERATING SYSTEMS

Additional hour(s) to be arranged. Introductory course on operating system design and implementation; the shell; process management and system calls; memory management; thread management, scheduling, synchronization and concurrency; file systems; input/output systems; virtual machines; networking and security. Electrical Engineering 461S and 379K (Topic: Operating Systems) may not both be counted. Prerequisite: The following with a grade of at least C-: Electrical Engineering 312, 319K, and Mathematics 325K.

• 16730	MW	900 - 1030	BUR 212	YERRABALLI, R
• 16735	TTH	1230 - 200P	WAG 101	YERRABALLI, R

E E 362K INTRO TO AUTOMATIC CONTROL

Analysis of linear automatic control systems in time and frequency domains; stability analysis; state variable analysis of continuous-time and discrete-time systems; root locus; Nyquist diagrams; Bode plots; sensitivity; lead and lag compensation. Restricted to engineering majors. Prerequisite: Electrical Engineering 313 and Mathematics 340L with a grade of at least C- in each.

• 16740	TTH	330 - 500P	CPE 2.220	PRYOR, M

E E 462L POWER ELECTRONICS LABORATORY

Analysis, design, and operation of power electronic circuits; power conversion from AC to DC, DC to DC, and DC to AC; rectifiers, inverters,and pulse width modulated motor drives. Laboratory work focuses on the use of energy from renewable sources

April 3, 2023

course	unique	days	time	room	instructor

such as photovoltaics and wind. Prerequisite: Electrical Engineering 313 with a grade of at least C-; and credit with a grade of at least C- or registration for one of the following: Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T. meets with E E 394 (TOPIC 7).

• 16745	TTH	1230 - 200P	ECJ 1.306	FLYNN, M
	F	100 - 400P	EER 1.808	
• 16750	TTH	1230 - 200P	ECJ 1.306	FLYNN, M
	TH	330 - 630P	EER 1.808	

E E 362Q POWER QUALITY AND HARMONICS

Introduction to and analysis of power quality and harmonic phenomena in electric power systems. Includes characteristics and definitions, voltage sags, electrical transients, harmonics, mitigation techniques, and standards of power quality and harmonics. Electrical Engineering 362Q and 379K (Topic: Power Quality and Harmonics) may not both be counted. Prerequisite: Electrical Engineering 313 with a grade of at least C-. meets with E E 394 (TOPIC 9), E E 396V.

• 16755	MW	1030 - 1200	GDC 4.304	SANTOSO, S

E E 362S DEVEL OF SOLAR-POWERED VEHICLE

Analysis, design, and construction of a solar-powered car for national competitions involving other universities. Study of electrical, mechanical, and aerodynamic systems. Electrical Engineering 362S and 379K (Topic: Development of a Solar Car for NASC) may not both be counted. Prerequisite: Electrical Engineering 312 or 313 with a grade of at leastC-. meets with ASE 379L, E E 309S.

• 16760	TTH	500 - 630P	ECJ 1.222	HALLOCK, G
	S	200 - 500P	ECB 19	

E E 363N ENGINEERING ACOUSTICS

Principles of acoustics, with applications drawn from audio engineering, biomedical ultrasound, industrial acoustics, noise control, room acoustics, and underwater sound. Prerequisite: Mathematics 427J or 427K with a grade of at least C-. same as M E 379N.

• 16765	MW	830 - 1000	ETC 3.108	HALL, N

E E 364D INTRO TO ENGINEERING DESIGN

Introduction to the engineering design process; assessing engineering problems and customer needs; acquiring, documenting, and verifying requirements; high-level system design principles; effects of economic, environmental, ethical, safety, and social issues in design; writing design specifications. Electrical Engineering 155 and 364D may not both be counted. Prerequisite: Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T, with a grade of at least C-; and credit with a grade of at least C- or registration for Electrical Engineering 438, 440, 445L, 445S, 460J, 461L, 462L, or 471C. meets with E E 364E.

• 16770	MW	1200 - 100P	BEL 328	TOUBA, N
	M	100 - 400P		
• 16775	MW	1200 - 100P	BEL 328	TOUBA, N
	W	100 - 400P		

E E 364E INTERDISCIP ENTREPRENEURSHIP

Restricted enrollment; contact the department for permission to register for this class. First course in a two-semester sequence that concludes with Electrical Engineering 464S. Teams of students starting companies focus on skill development and mentoring in start-up formation, technology development, market validation, marketing, sales, operations, human resources, program management, and finance. Includes discussion of the role of intellectual property, the social issues in design, as well as ethical and safety considerations. Emphasis on written and oral presentation of start-up activities. Electrical Engineering 364E and 464S may not be counted by students withcredit for Electrical Engineering 364D, 464H, 464K, or 464R. Prerequisite: Credit with a grade of at least C- in Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T; credit with a grade of at least C- or registration for Electrical Engineering 438, 440, 445L, 445S, 460J, 461L, 462L, or 471C; and consent of instructor meets with E E 364D.

• 16780	MW	1200 - 100P	BEL 328	MCDERMOTT, M
	W	630 - 930P	ECJ 1.214	

E E 464H HONORS SENIOR DESIGN PROJECT

Additional hour(s) to be arranged. Design and experimental projects done under the direction of a University faculty member; the ethics of design for safety and reliability; emphasis on written and oral reporting of engineering projects. Restricted to students in the Engineering Honors Program. Prerequisite: Electrical Engineering 364D with a grade of at least C-, and one of the following with a grade of at least C-: Electrical Engineering 438, 440, 445L, 445S, 460J, 461L, 462L, 471C. meets with E E 464K, E E 464R.

• 16785	MW	300 - 430P	ECJ 1.214	WILEY, J
	MW	1200 - 300P		

E E 464K SENIOR DESIGN PROJECT

Additional hour(s) to be arranged. Design and experimental projects done in Department of Electrical and Computer Engineering laboratories; the ethics of design for safety and reliability; emphasis on written and oral reporting of engineering projects. Prerequisite: Electrical Engineering 364D with a grade of at least C-, and one of the following with a grade of at least C-: Electrical Engineering 438, 440, 445L, 445S, 460J, 461L, 462L, 471C. meets with E E 464H, E E 464R.

• 16790	MW	300 - 430P	ECJ 1.214	WILEY, J
	MW	1200 - 300P		
• 16795	MW	300 - 430P	ECJ 1.214	WILEY, J
	MW	1200 - 300P		
• 16800	MW	300 - 430P	ECJ 1.214	WILEY, J
	MW	1200 - 300P		
• 16805	MW	300 - 430P	ECJ 1.214	WILEY, J
	MW	1200 - 300P		
• 16810	MW	300 - 430P	ECJ 1.214	WILEY, J
	MW	1200 - 300P	CBA 4.336	

E E 464R RESEARCH SENIOR DESIGN PROJECT

Additional hour(s) to be arranged. Design and experimental projects done under the supervision of a University faculty member; the ethics of design for safety and reliability; emphasis on written and oral reporting of engineering projects. Prerequisite: Electrical Engineering 364D with a grade of at least C-, and one of the following with a grade of at least C-: Electrical Engineering 438, 440, 445L, 445S, 460J, 461L, 462L, 471C. meets with E E 464H, E E 464K.

• 16815	MW	300 - 430P	ECJ 1.214	WILEY, J
	MW	1200 - 300P		

E E 369 POWER SYSTEMS ENGINEERING

Introduction to power systems engineering. Subjects include complex power, phasors, balanced three phase power systems, transformers and per-unit systems, transmission line parameters, steady state operation of transmission lines, the power flow problem, symmetrical faults, powersystem controls, economic operation of power systems, optimal power flow, and deregulation and restructuring of electricity markets. Prerequisite: Electrical Engineering 313 with a grade of at least C-.

• 16820	TTH	200 - 330P	ECJ 1.308	ZHU, H

E E 471C WIRELESS COMMUNICATIONS LAB

The fundamentals of wireless communication from a digital signal processing perspective; linear modulation, demodulation, and orthogonal frequency division multiplexing; synchronization, channel estimation, and equalization; communication in fading channels; and wireless standards. Electrical Engineering 371C and 379K (Topic: Wireless Communications Laboratory) may not both be counted. Prerequisite: Electrical Engineering 445S (or 345S), 351M, or 360K with a grade of at least C-; and credit with a grade of at least C- or registration for Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, Mechanical Engineering 333T, or Petroleum and Geosystems Engineering 333T. meets with E E 381K (TOPIC 17).

• 16825	MW	900 - 1030	SZB 278	HEATH, R
	F	900 - 1200	EER 1.810	
• 16830	MW	900 - 1030	SZB 278	HEATH, R
	TH	630 - 930P	EER 1.810	

E E 371R DIGITAL IMAGE/VIDEO PROCESS

Digital image acquisition, processing, and analysis; algebraic and geometric image transformations; two-dimensional Fourier analysis; imagefiltering and coding. Prerequisite: The following with a grade of at least C- in each: Biomedical Engineering 343 or Electrical Engineering 313, and BiomedicalEngineering 335 or Electrical Engineering 351K or Mathematics 362K.

• 16835	TTH	200 - 330P	ECJ 1.214	BOVIK, A

E E 374K BIOMED ELECT INSTRUMENT DESIGN

Application of electrical engineering principles in the design of electronic instrumentation at the circuit-board level for the measurement of pressure, temperature, flow, and impedance. Also includes the study of light intensity, bioelectric potentials, and stimulation devices such as pacemakers and defibrillators. Focus on design considerations specific to electro-medical environments, safety and efficacy, and public policy issues. Prerequisite: Electrical Engineering 438 with a grade of at least C-. meets with BME 384J (TOPIC 1), BME 374K, E E 385J (TOPIC 31).

• 16840	TTH	200 - 330P	ECJ 1.306	PEARCE, J

E E 679HA UNDERGRADUATE HONORS THESIS

Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Electrical Engineering 679HA with a grade of at least C- and enrollment in the Engineering Honors Program.

• 16845

E E 679HB UNDERGRADUATE HONORS THESIS

Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Electrical Engineering 679HA with a grade of at least C- and enrollment in the Engineering Honors Program.

• 16850

E E 381J PROBABIL & STOCHASTIC PROCS I

Probability spaces, random variables, expectation, conditional expectation, stochastic convergence, characteristic functions, and limittheorems. Introduction to Markov and Gaussian processes, stationary processes, spectral representation, ergodicity, re-

newal processes, martingales, and applications to estimation, prediction, and queueing theory. Prerequisite: Graduate standing, and Electrical Engineering 351K or the equivalent.

• 16855	TTH	930 - 1100	ECJ 1.306	SHAKKOTTAI, S

E E 381K 11-WIRELESS COMMUNICATIONS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to fundamental aspects of wireless communication systems including channel modeling, diversity, multiple antenna transmission and reception, adaptive modulation; multiuser concepts including CDMA, OFDMA, and broadcast and MAC channels; system-level modeling including network information theory, stochastic geometry and network interference models. Prerequisite: Graduate standing; additional prerequisites vary with topic. Additional prerequisite: Electrical Engineering 381K (Topic 2), 471C, or 381K (Topic: Wireless Communications Lab), or consent of instructor.

• 16860	MW	130 - 300P	ECJ 1.318	ANDREWS, J

17-WIRELESS COMMUNICATIONS LAB

Course number may be repeated for credit when the topics vary. The fundamentals of wireless communication from a digital signal processing perspective; linear modulation, demodulation, and orthogonal frequency division multiplexing; synchronization, channel estimation, and equalization; communication in fading channels; principles of MIMO communication; and wireless standards. Electrical Engineering 381K (Topic 17) and 381V (Topic: Wireless Communications Lab) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with topic. Additional prerequisite: Consent of instructor. meets with E E 471C.

• 16865	MW	900 - 1030	SZB 278	HEATH, R
	F	900 - 1200	EER 1.810	
• 16870	MW	900 - 1030	SZB 278	HEATH, R
	TH	630 - 930P	EER 1.810	

E E 381M PROBABIL & STOCHASTIC PROCS II

Random walk and Brownian motion; renewal and regenerative processes; Markov processes; ergodic theory; continuous parameter martingales; stochastic differential equations; diffusions; stochastic control; multidimensional stochastic models. Prerequisite: Graduate standing and Electrical Engineering 381J.

• 16875	TTH	330 - 500P	ECJ 1.304	BACCELLI, F

E E 381V GENOMIC SIGNAL PROCESSING

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 16880	TTH	200 - 330P	ECJ 1.222	VIKALO, H

LARGE SCALE OPTIMIZATION

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 16885	MW	1030 - 1200	ECJ 1.318	SANGHAVI, S

E E 382C 3-VERIF & VALIDATN OF SOFTWARE

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Evaluation of software for correctness, efficiency, performance, and reliability. Prerequisite: Graduate standing.

• 16890	MW	900 - 1030	ECJ 1.318	KHURSHID, S

11-REQUIREMENTS ENGINEERING

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with E E 361Q.

• 16895	MW	1030 - 1200	EER 1.516	BARBER, K

12-MULTICORE COMPUTING

Course number may be repeated for credit when the topics vary. Theoretical and practical aspects of designing multicore software systems; programming constructs for concurrent computation, openMP, sequential consistency, linearizability, lock-based synchronization, lock-free synchronization, wait-free synchronization, consensus number, software transactional memory, testing and debugging parallel programs, race detection, concurrent data structures such as stacks, queues, linked lists, hash tables and skiplists, formal models, temporal logic, reachability analysis, and parallel graph algorithms. Electrical Engineering 382C (Topic 12) and 382V (Topic: Multicore Computing) may not both be counted. Prerequisite: Graduate standing. meets with E E 361C.

• 16900	TTH	200 - 330P	EER 1.516	GARG, V

13-MOBILE COMPUTING

Course number may be repeated for credit when the topics vary. Overview of emerging research topics in mobile computing with a specificfocus on the software engineering ramifications of mobile and pervasive computing technologies. Demonstration of novel research via semester long projects. Development of a solid foundation to support future discourse and research in the areas of mobile and pervasive computing, and skills to critically read research papers, assimilate information, find additional resources, and draw connections. Electrical Engineering 382C (Topic 13) and 382V (Topic: Mobile Computing) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Consent of instructor.

• 16905	MW	300 - 430P	ECJ 1.312	JULIEN, C

E E 382M 7-VLSI I

Course number may be repeated for credit when the topics vary. Very-large scale integration (VLSI) circuit design. CMOS technology; static and dynamic CMOS combinational and sequential circuits; design of datapath elements; performance, power consumption, and testing. Includes the use of CAD tools for layout, timing analysis, synthesis, physical design, and verification. Prerequisite: Graduate standing. meets with E E 460R.

• 16910	TTH	200 - 330P	ECJ 1.318	MCDERMOTT, M
	F	300 - 600P	EER 0.810	
• 16915	TTH	200 - 330P	ECJ 1.318	MCDERMOTT, M
	TH	330 - 630P	EER 0.810	
• 16920	TTH	200 - 330P	ECJ 1.318	MCDERMOTT, M
	TH	630 - 930P	EER 0.810	

14-ANALOG INTEG CIRCUIT DESIGN

Course number may be repeated for credit when the topics vary. Analysis and design of analog integrated circuits; transistor models and integrated circuit technologies; layout techniques; noise; mismatches; current mirrors; differential amplifiers; frequency response and compensation; feedback and stability; nonlinear circuits; voltage references; and operational amplifiers using state-of-the-art CAD tools for design, simulation, and layout. Prerequisite: Graduate standing. meets with E E 338L.

• 16925	MW	500 - 630P	ECJ 1.312	AKINWANDE, D

20-SYSTEM-ON-CHIP (SOC) DESIGN

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Methodologies and tools for System-on-Chip (SoC) design, hardware/software co-design and co-verification; partitioning; real-time scheduling; hardware acceleration; high-level C-to-RTL synthesis; allocation, scheduling and binding algorithms for hardware synthesis; hardware/software interfacing; virtual prototyping and hardware/software co-simulation; FPGA prototyping of hardware/software systems. Electrical Engineering 382M (Topic 20) and 382V (Topic: System-on-a-Chip Design) may not both be counted. Prerequisite: Graduate standing.

• 16930	TTH	1230 - 200P	ECJ 1.316	GERSTLAUER, A

24-ANLG-DGTL DATA CONV CIRCTS

Course number may be repeated for credit when the topics vary. Analysis and design of analog-digital data conversion circuits including both architectural-level and transistor-level design considerations; design trade-offs among power, noise, linearity, and speed; sample-and-hold circuits and voltage comparators; noise analysis for mixed-signal circuits; flash, pipelined, successive approximation, and delta-sigma oversampling analog-to-digital-converters (ADCs); resistor-string, R-2R, current-steering, and delta-sigma oversampling digital-to-analog-converters (DACs); and the use of state-of-the-art CAD tools for analysis, design, and validation. Electrical Engineering 382M (Topic 24) and 382V (Topic: Data Converters) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Consent of instructor. meets with E E 382V.

• 16934	TTH	630 - 800P	ECJ 1.308	ZANBAGHI, R

26-VLSI CAD AND OPTIMIZATION

Course number may be repeated for credit when the topics vary. Interconnect and gate modeling; timing analysis; interconnect topology optimization; gate sizing; buffer insertion and sizing; wire sizing and planning; crosstalk analysis and mitigation; clock network synthesis; interconnect planning; modern placement techniques; congestion mitigation; low power optimization; design for manufacturability and reliability; design and CAD for emerging technologies. Only one of the following may be counted: Electrical Engineering 382M (Topic 21), 382M (Topic 26), 382V (Topic: Optimization Issues in VLSI CAD). Prerequisite: Graduate standing. Additional prerequisite: Consent of instructor.

• 16935	TTH	330 - 500P	ECJ 1.316	PAN, Z

E E 382N 1-COMPUTER ARCHITECTURE

Course number may be repeated for credit when the topics vary. Characteristics of instruction set architecture and microarchitecture; physical and virtual memory; caches and cache design; interrupts and exceptions; integer and floating-point arithmetic; I/O processing; buses; pipelining, out-of-order execution, branch prediction, and other performance enhancements; design trade-offs; case studies of commercial microprocessors. Laboratory work includes completing the behavioral-level design of a microarchitecture. Prerequisite: Graduate standing.

• 16940	MW	500 - 630P	EER 1.516	TOUBA, N
	F	1030 - 1200	EER 1.512	
• 16945	MW	500 - 630P	EER 1.516	TOUBA, N
	F	1200 - 130P	EER 1.512	

1-COMPUTER ARCHITECTURE

Course number may be repeated for credit when the topics vary. Characteristics of instruction set architecture and microarchitecture; physical and virtual memory; caches and cache design; interrupts and exceptions; integer and floating-point arithmetic; I/O processing; buses; pipelining, out-of-order execution, branch prediction, and other performance enhancements; design trade-offs; case studies of commercial microprocessors. Laboratory work includes completing the behavioral-level design of a microarchitecture. Prerequisite: Graduate standing. meets with E E 411.

• 16950	MW	500 - 630P	EER 1.516	TOUBA, N
	F	300 - 430P	EER 1.512	

1-COMPUTER ARCHITECTURE

Course number may be repeated for credit when the topics vary. Characteristics of instruction set architecture and microarchitecture; physical and virtual memory; caches and cache design; interrupts and exceptions; integer and floating-point arithmetic; I/O processing; buses; pipelining, out-of-order execution, branch prediction, and other performance enhancements; design trade-offs; case studies of commercial microprocessors. Laboratory work includes completing the behavioral-level design of a microarchitecture. Prerequisite: Graduate standing.

• 16955	MW	500 - 630P	EER 1.516	TOUBA, N
	TH	330 - 500P		

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course	unique	days	time	room	instructor

1-COMPUTER ARCHITECTURE
Course number may be repeated for credit when the topics vary. Characteristics of instruction set architecture and microarchitecture; physical and virtual memory; caches and cache design; interrupts and exceptions; integer and floating-point arithmetic; I/O processing; buses; pipelining, out-of-order execution, branch prediction, and other performance enhancements; design trade-offs; case studies of commercial microprocessors. Laboratory work includes completing the behavioral-level design of a microarchitecture. Prerequisite: Graduate standing. meets with E E 411.

• 16960	MW	500 - 630P	EER 1.516	TOUBA, N
	TH	500 - 630P		

14-HIGH-SPEED COMP ARITHMTC I
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Design of computer arithmetic units: fast adders, fast multipliers, dividers, and floating-point arithmetic units. Prerequisite: Graduate standing.

• 16965	MW	130 - 300P	ECJ 1.312	SWARTZLANDER, E

22-COMP ARCH: USER SYS INTPLAY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Fundamental principles in computer architecture focusing on the hardware and the compiler, as well as developing an understanding of their interplay with each other and with usage and programming models. Development of several system families and follow common threads of identifying the intended users, system properties, and evaluation methodology through structured lectures, paper reading, discussions, and a collaborative project. Case studies including PCs and workstations with general-purpose processors, large parallel systems, graphics processors, and more experimental architectures such as Stream Processing and transactional memory. Electrical Engineering 382N (Topic 22) and 382V (Topic: Computer Architecture--User System Interplay) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Consent of instructor.

• 16970	TTH	930 - 1100	ECJ 1.318	EREZ, M

24-CODE GEN AND OPTIMZTION
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Generate executable machine code understood by machines from program source code understood by programmers; program optimization for performance, energy efficiency and reliability; code generation and optimization for different types of hardware; runtime systems and just-in-time compilation. Electrical Engineering 382N (Topic 24) and 382V (Topic: Code Generation and Optimization) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Consent of Instructor.

• 16975	MW	900 - 1030	ECJ 1.316	JANAPA REDDI, V

E E 382V ACTVTY SENSING/RECOGNITN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 16980	TTH	200 - 330P	ECJ 1.314	THOMAZ, E

ANLG FLTRS/OVRSMPLNG CNVTRS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with E E 382M (TOPIC 24).

• 16985	TTH	630 - 800P	ECJ 1.308	ZANBAGHI, R

HUMAN ROBOT INTERACTION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 16990	TTH	1230 - 200P	ECJ 1.318	THOMAZ, A

SECURITY HRDWRE-SFTWRE INTERF
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 16995	TTH	1100 - 1230P	ECJ 1.318	TIWARI, M

SOFTWARE EVOLUTION
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 17000	MW	300 - 430P	ECJ 1.318	GLIGORIC, M

E E 383L ELECTROMAGNETIC FIELD THEORY
Vector space, Green's function; equivalence theorem; vector potentials; plane, cylindrical, and spherical waves; radiation and scattering. Prerequisite: Graduate standing in electrical engineering.

• 17005	TTH	330 - 500P		TOUBA, N

E E 383V QUANTUM ELECTRO-OPTICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 17010	MW	900 - 1030	SZB 240	WASSERMAN, D

1-NANOPHOTONICS
Course number may be repeated for credit when the topics vary. The propagation of light in photonic crystals, plasmonic structures, and quantum dots; modified light-matter interaction at nanoscales, including emission, absorption, and scattering; evanescent tunneling; temporal coupled-mode theory. Prerequisite: Graduate standing. Additional prerequisite: Electrical Engineering 325 and 334K, or their equivalents.

• 17015	MW	300 - 430P	ECJ 1.222	WANG, Z

E E 384N 1-ACOUSTICS I
Course number may be repeated for credit when the topics vary. Plane waves in fluids; transient and steady-state reflection and transmission; lumped elements; refraction; strings, membranes, and rooms; horns; ray acoustics; absorption and dispersion. Prerequisite: Graduate standing and consent of instructor. same as M E 384N (TOPIC 1).

• 17020	MWF	900 - 1000	ETC 5.132	HAMILTON, M

3-ELECTROMECHANCL TRANSDUCERS
Course number may be repeated for credit when the topics vary. Modeling, analysis, and design of transducers for reception and transmission of acoustic and vibration signals; dynamics of coupled electrical, mechanical, and acoustical systems; and the effects of transducer characteristics on fidelity and efficiency of transduction. Prerequisite: Graduate standing and consent of instructor. same as M E 384N (TOPIC 3).

• 17025	MWF	1100 - 1200	ETC 4.150	WILSON, P

E E 385J 18-BIOMED IMAGING: SIGNALS/SYS
Course number may be repeated for credit when the topics vary. Physical principles and signal processing techniques used in thermographic, ultrasonic, and radiographic imaging, including image reconstruction from projections such as CT scanning, MRI, and millimeter wave determination of temperature profiles. Biomedical Engineering 381J (Topic 3) and Electrical Engineering 385J (Topic 18) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor. same as BME 381J (TOPIC 3). also meets with BME 357.

• 17030	MWF	200 - 300P	ECJ 1.314	YANKEELOV, T
	M	400 - 600P	ECJ 1.314	

31-BIOMED INSTRUMENTATION I
Course number may be repeated for credit when the topics vary. Application of electrical engineering techniques to analysis and instrumentation in biological sciences: pressure, flow, temperature measurement; bioelectrical signals; pacemakers; ultrasonics; electrical safety; electrotherapeutics. Prerequisite: Graduate standing in engineering and consent of instructor. same as BME 384J (TOPIC 1). also meets with BME 374K, E E 374K.

• 17035	TTH	200 - 330P	ECJ 1.306	PEARCE, J

E E 385V COMPUTATIONAL NEUROSCIENCE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 17040	F	1200 - 300P	CBA 4.336	FIETE, I

E E 390V TEXAS VENTURE LABS PRACTICUM
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with PGS 380M, MAN 385, M E 397, LAW 379M, E M 397, ASE 396.

• 17045	M	600 - 900P	ATT M1030	ADAMS, R

E E 394 7-POWER ELEC DEVICES AND SYS
Course number may be repeated for credit when the topics vary. A study of power electronic components and circuits; HVDC converters; electronic drives for machines; AC/DC converters. Prerequisite: Graduate standing in electrical engineering, or graduate standing and consent of instructor. meets with E E 462L.

• 17050	TTH	1230 - 200P	ECJ 1.306	FLYNN, M
	F	100 - 400P	EER 1.808	
• 17055	TTH	1230 - 200P	ECJ 1.306	FLYNN, M
	TH	330 - 630P	EER 1.808	

9-POWER QUALITY
Course number may be repeated for credit when the topics vary. The study of electrical transients, switching surges, lightning, and other phenomena that cause deviations in 60-hertz sinusoidal voltages and currents. Prerequisite: Graduate standing in electrical engineering, or graduate standing and consent of instructor. meets with E E 362Q, E E 396V.

• 17060	MW	1030 - 1200	GDC 4.304	SANTOSO, S

E E 394V ADV POWER SEMICONDUCTR DEVICES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 17065	MW	130 - 300P	EER 1.512	HUANG, Q

ENERGY DEVELOPMENT/POLICY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with LAW 379M, C E 397, BGS 380.

• 17070	T	345 - 615P	TNH 2.123	ADELMAN, D

RESTRUCTURED ELECT MKTS: LMP
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 17075	TTH	200 - 330P	ECJ 1.304	BALDICK, R

E E 396K 8-ULTRA LRG SCALE INTEG TECHNQ
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Theory of electron, magnetic, and electro-optic devices. Integrated circuit processing; crystal growth and wafer preparation; epitaxial growth; oxidation, diffusion, and ion implantation; thin-film deposition techniques; lithography and etching. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Electrical Engineering 339 or the equivalent. meets with E E 440.

• 17078	MW	1030 - 1200	JES A205A	NEIKIRK, D
	TH	500 - 800P	EER 0.766	
• 17079	MW	1030 - 1200	JES A205A	NEIKIRK, D
	T	500 - 800P	EER 0.766	

E E 396N 1-SEMICONDUCTOR NANOSTRUCTURES
Course number may be repeated for credit when the topics vary. Provides theoretical framework for the understanding of electronic properties and electron transport in

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quantum confined devices; two-dimensional electron systems in semiconductor heterostructures; quantum wires; quantum dots; spintronic devices; growth and fabrication techniques. Electrical Engineering 396V (Topic: Semiconductor Nanostructures) and 396N (Topic 1) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Electrical Engineering 334K and 339, or their equivalents.
• 17080 MW 130 - 300P ECJ 1.304 TUTUC, E

E E 396V CARBON AND 2D DEVICES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with E E 362Q, E E 394 (TOPIC 9).
• 17085 MW 1030 - 1200 GDC 4.304 AKINWANDE, D

E E 197C RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofthe graduate adviser.
• 17090

E E 297C RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofthe graduate adviser.
• 17095

E E 397C RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofthe graduate adviser.
• 17100

E E 697C RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofthe graduate adviser.
• 17105

E E 997C RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofthe graduate adviser.
• 17110

E E 197G RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the letter-grade basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofinstructor and the graduate adviser.
• 17115

E E 297G RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the letter-grade basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofinstructor and the graduate adviser.
• 17120

E E 397G RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the letter-grade basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofinstructor and the graduate adviser.
• 17125

E E 697G RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the letter-grade basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofinstructor and the graduate adviser.
• 17130

E E 997G RESEARCH PROBLEMS
Hour(s) to be arranged. Offered on the letter-grade basis only. Problem selected by the student with approval of the department. Prerequisite: Graduate standing in electrical engineering and consent ofinstructor and the graduate adviser.
• 17135

E E 397M GRADUATE RESEARCH INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Research associated with enrollment in the Graduate Research Internship Program (GRIP). Prerequisite: Graduate standing in electrical engineering and consent of instructor.
• 17140

E E 197S GRADUATE SEMINAR IN ELEC ENGR
May be repeated for credit. Prerequisite: Graduate standing.
• 17145 MW 1200 - 100P EER 1.518 YILMAZ, A

E E 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in electrical engineering and consent of the graduate adviser; for 698B, Electrical Engineering 698A.
• 17150

E E 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in electrical engineering and consent of the graduate adviser; for 698B, Electrical Engineering 698A.
• 17155

E E 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in electrical engineering and consent of the graduate adviser.
• 17160

MASTER'S REPORT-ICS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in electrical engineering and consent of the graduate adviser. Restricted to students in the ECE Integrated Circuits and Systems program.
• 17165

MASTER'S REPORT-SE
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in electrical engineering and consent of the graduate adviser. Restricted to students in the ECE Software Engineering Program.
• 17170

E E 398T SUPV TEACHING IN ELEC ENGR
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Teaching under close supervision for one semester, attending group meetings or individual consultations, and submitting reports as required. Prerequisite: Graduate standing and appointment as a teaching assistant.
• 17175

E E 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 17180

E E 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 17185

E E 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 17190

E E 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Electrical Engineering 399R, 699R, or 999R.
• 17195

E E 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Electrical Engineering 399R, 699R, or 999R.
• 17200

E E 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Electrical Engineering 399R, 699R, or 999R.
• 17205

ENGINEERING MANAGEMENT

Engineering Management - ENM

ENM 380 2-ART AND SCI OF NEGOTIATIONS
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Engineering management theories of social and psychological behavior, and how these theories are used by administrators and managers. Current issues in organization science. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program. Class meets August 24-25, September 28-29, October 19-20, and December 7-8. Partially taught as a Web-based course.
• 17260 DIERKING, D

ENM 381 1-LEGAL ISS FOR ENGR MANAGERS
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Legal considerations in the practice of engineering management. Legal considerations in the practice of engineering; specifications and contracts for equipment and engineering services. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program. Class meets August 10, 11, 31; September 1; October 5, 6, 26, 27; November 30; and December 1. Partially taught as a Web-based course.
• 17265 NEWBURGER, M

ENM 383 2-STRATEG DECISION & RISK ANLY
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Management of engineering decision-making processes and practices. Fundamentals of decision analysis and risk assessment;

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mathematical and psychological aspects of decision making, especially under uncertain conditions; engineering and project management applications. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program. Class meets August 10, 11, 31; September 1; October 5, 6, 26, 27; November 30; and December 1. Partially taught as a Web-based course.
• 17270 BICKEL, J

ENM 384 ENGINEERING ECONOMICS
Hour(s) to be arranged. Offered on the letter-grade basis only. Introduction to fundamental concepts in finance and their application. Emphasis on how to evaluate investment and financing opportunities in a corporation. Examines investments, capital structure choice, financial models, and issues in corporate control. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program. Class meets August 24-25, September 28-29, October 19-20, November 9-10, and December 7-8. Partially taught as a Web-based course.
• 17275 TOPRAC, H

ENM 397P PROJECTS IN ENGR MANAGEMENT
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Independent project carried out under the supervision of an engineering management faculty member. Engineering Management 385C and 397P may not both be counted. Engineering Management 385D and 397P may not both be counted. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program.
• 17280

ENM 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in engineering management and consent of the graduate adviser. For 698B, Engineering Management 698A. Restricted to students in the Engineering Management program. Partially taught as a Web-based course.
• 17285

ENM 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in engineering management and consent of the graduate adviser. For 698B, Engineering Management 698A. Restricted to students in the Engineering Management program. Partially taught as a Web-based course.
• 17290

ENM 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program.
• 17295

MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program. Partially taught as a Web-based course.
• 17300

MANUFACTURING SYSTEMS ENGINEERING

Manufacturing Systems Engineering - MFG

MFG 698A THESIS
Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in manufacturing systems engineering and consent of the graduate adviser; for 698B, ManufacturingSystems Engineering 698A.
• 17355

MFG 698B THESIS
Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in manufacturing systems engineering and consent of the graduate adviser; for 698B, ManufacturingSystems Engineering 698A.
• 17360

MFG 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in manufacturing systems engineering and consent of the graduate adviser.
• 17365

MATERIALS SCIENCE AND ENGINEERING

Materials Science and Engineering - MSE

MSE 397 GRADUATE SEMINAR
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Presentation of research topics by invited speakers, faculty, and students. Prerequisite: Graduate standing.
• 17420 W 1200 - 100P BOURELL, D

MSE 197R RESEARCH
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 17425

MSE 297R RESEARCH
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 17430

MSE 397R RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 17435

MSE 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in materials science and engineering and consent of the graduate adviser; for 698B, Materials Science and Engineering 698A.
• 17440

MSE 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in materials science and engineering and consent of the graduate adviser; for 698B, Materials Science and Engineering 698A.
• 17445

MSE 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in materials science and engineering and consent of the graduate adviser.
• 17450

MSE 399R DISSERTATION
Offered on the credit/no credit basis only. Research leading to the Doctor of Philosophy in materials science and engineering. Prerequisite: Admission to candidacy for the doctoral degree.
• 17455

MSE 699R DISSERTATION
Offered on the credit/no credit basis only. Research leading to the Doctor of Philosophy in materials science and engineering. Prerequisite: Admission to candidacy for the doctoral degree.
• 17460

MSE 999R DISSERTATION
Offered on the credit/no credit basis only. Research leading to the Doctor of Philosophy in materials science and engineering. Prerequisite: Admission to candidacy for the doctoral degree.
• 17465

MSE 399W DISSERTATION
Offered on the credit/no credit basis only. Research leading to the Doctor of Philosophy in materials science and engineering. Prerequisite: Materials Science and Engineering 399R, 699R, or 999R.
• 17470

MSE 699W DISSERTATION
Offered on the credit/no credit basis only. Research leading to the Doctor of Philosophy in materials science and engineering. Prerequisite: Materials Science and Engineering 399R, 699R, or 999R.
• 17475

MSE 999W DISSERTATION
Offered on the credit/no credit basis only. Research leading to the Doctor of Philosophy in materials science and engineering. Prerequisite: Materials Science and Engineering 399R, 699R, or 999R.
• 17480

DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering - M E
Operations Research and Industrial Engineering - ORI

M E 302 INTRO TO ENGR DSGN & GRAPHICS
Additional hour(s) to be arranged. Introduction to mechanical engineering education and practice through lectures and laboratory experiences. Graphics and modeling fundamentals for engineering design: freehand sketching, computer modeling of solid geometry, and generation of engineering drawings. Introduction to reverse engineering, computer-aided design, rapid prototyping, and manufacturing. Application of the design process and problem solving through individual and team projects. Only one of

April 3, 2018

course	unique	days	time	room	instructor

the following may be counted: Mechanical Engineering 302, 210, 210H. Prerequisite: Credit or registration for Mathematics 408C or 408K. meets with M E 210.

• 17535	MW	900 - 1100	ETC 3.142	KRUEGER, T
	M	400 - 500P	ETC 2.108	
• 17540	MW	1100 - 100P	ETC 3.142	WOOD, B
	M	300 - 400P	ETC 2.108	
• 17545	TTH	1100 - 100P	ETC 3.142	WOOD, B
	M	300 - 400P	ETC 2.108	
• 17550	MW	100 - 300P	ETC 3.142	KRUEGER, T
	M	300 - 400P	ETC 2.108	
• 17555	TTH	100 - 300P	ETC 3.142	WOOD, B
	M	300 - 400P	ETC 2.108	
• 17560	TTH	300 - 500P	ETC 3.142	WOOD, B
	M	400 - 500P	ETC 2.108	
• 17565	MW	500 - 700P	ETC 3.142	BARR, R
	M	400 - 500P	ETC 2.108	
• 17570	TTH	500 - 700P	ETC 3.142	BARR, R
	M	400 - 500P	ETC 2.108	

M E 103 STDS IN ENGR DESIGN GRAPHICS

Additional hour(s) to be arranged. Computer laboratory work in engineering design graphics for students with transfer credit for Mechanical Engineering 210 who need additional work. May not be counted by students with credit for Mechanical Engineering 302, 210, or 210H. Prerequisite: Consent of the undergraduate adviser.

• 17575	M	300 - 400P	ETC 2.108	WOOD, B
• 17580	M	400 - 500P	ETC 2.108	WOOD, B

M E 210 ENGINEERING DESIGN GRAPHICS

Additional hour(s) to be arranged. Graphics and modeling fundamentals for engineering design: freehand sketching, computer modeling of solid geometry, and generation of engineering drawings. Introduction to reverse engineering, computer-aided design, rapid prototyping, and manufacturing. Applicationof the design process to problem solving. Individual and team design projects. Only one of the following may be counted: Mechanical Engineering 302, 210, 210H. May not be counted toward the Bachelor of Science in Mechanical Engineering degree. Prerequisite: Credit or registration for Mathematics 408C or 408K. meets with M E 302.

• 17585	MW	900 - 1100	ETC 3.142	KRUEGER, T
• 17590	MW	1100 - 100P	ETC 3.142	WOOD, B
• 17595	TTH	1100 - 100P	ETC 3.142	WOOD, B
• 17600	MW	100 - 300P	ETC 3.142	KRUEGER, T
• 17605	TTH	100 - 300P	ETC 3.142	WOOD, B
• 17610	TTH	300 - 500P	ETC 3.142	WOOD, B
• 17615	MW	500 - 700P	ETC 3.142	BARR, R
• 17620	TTH	500 - 700P	ETC 3.142	BARR, R

ENGR DESIGN GRAPHICS-C E MAJ

Additional hour(s) to be arranged. Graphics and modeling fundamentals for engineering design: freehand sketching, computer modeling of solid geometry, and generation of engineering drawings. Introduction to reverse engineering, computer-aided design, rapid prototyping, and manufacturing. Applicationof the design process to problem solving. Individual and team design projects. Only one of the following may be counted: Mechanical Engineering 302, 210, 210H. May not be counted toward the Bachelor of Science in Mechanical Engineering degree. Prerequisite: Credit or registration for Mathematics 408C or 408K. Restricted to civil engineering majors.

• 17625	TTH	900 - 1100	ETC 3.142	KRUEGER, T
• 17630	MW	300 - 500P	ETC 3.142	KRUEGER, T

M E 310T APPLIED THERMODYNAMICS

First and second laws of thermodynamics; thermodynamics processes, cycles, and heat transfer. Mechanical Engineering 320 and 310T may not both be counted. May not be counted toward the Bachelor of Science in Mechanical Engineering degree. Prerequisite: Chemistry 301, Mathematics 408D, and Physics 303K.

• 17635	TTH	800 - 930	ECJ 1.202	MATTHEWS, R

M E 314D DYNAMICS

Analysis of motions, forces, momenta, and energies in mechanical systems. Mechanical Engineering 324 and 314D may not both be counted. Prerequisite: Engineering Mechanics 306 and Mathematics 408D with a grade of at least C- in each, and credit or registration for Mechanical Engineering 318M.

• 17640	TTH	1230 - 200P	ETC 2.108	SULZER, J
	F	900 - 1000	ETC 7.146	
• 17645	TTH	1230 - 200P	ETC 2.108	SULZER, J
	F	1000 - 1100	ETC 7.146	
• 17650	TTH	1230 - 200P	ETC 2.108	SULZER, J
	F	1100 - 1200	ETC 7.146	
• 17655	TTH	1230 - 200P	ETC 2.108	SULZER, J
	F	1200 - 100P	ETC 7.146	
• 17660	TTH	1230 - 200P	ETC 2.108	SULZER, J
	F	100 - 200P	ETC 7.146	
• 17665	TTH	1230 - 200P	ETC 2.108	SULZER, J
	F	200 - 300P	ETC 7.146	

M E 316T THERMODYNAMICS

Properties, heat and work, first and second laws, thermodynamic processes, introduction to ideal power cycles. Only one of the following may be counted: Mechanical Engineering 326, 326H, 316T. Prerequisite: Chemistry 301, Mathematics 408D, and Physics 303K with a grade of at least C- in each.

• 17670	MWF	1100 - 1200	CMA 2.306	HALL, M
	W	400 - 500P	ETC 4.150	
• 17675	MWF	1100 - 1200	CMA 2.306	HALL, M
	W	400 - 500P	ETC 5.132	
• 17680	MWF	1100 - 1200	CMA 2.306	HALL, M
	W	400 - 500P	ETC 7.111	
• 17685	MWF	1100 - 1200	CMA 2.306	HALL, M
	W	400 - 500P	ETC 7.146	
• 17690	MWF	1100 - 1200	CMA 2.306	HALL, M
	W	500 - 600P	ETC 4.150	
• 17695	MWF	1100 - 1200	CMA 2.306	HALL, M
	W	500 - 600P	ETC 5.132	
• 17700	MWF	1100 - 1200	CMA 2.306	HALL, M
	W	500 - 600P	ETC 7.111	
• 17705	MWF	1100 - 1200	CMA 2.306	HALL, M
	W	500 - 600P	ETC 7.146	

M E 318M PROGRAM & ENGR COMP METHODS

An investigation of applied numerical analysis, programming of computational algorithms using mathematical software, and applications of computational methods to the solution of mechanical engineering problems. Prerequisite: Mathematics 427J or 427K with a grade of at least C-.

• 17710	TTH	800 - 930	ETC 2.136	DJURDJANOVIC, D
	M	200 - 330P	ETC 2.140	
• 17715	TTH	800 - 930	ETC 2.136	DJURDJANOVIC, D
	T	200 - 330P	ETC 2.140	
• 17720	TTH	800 - 930	ETC 2.136	DJURDJANOVIC, D
	M	330 - 500P	ETC 2.140	
• 17725	TTH	800 - 930	ETC 2.136	DJURDJANOVIC, D
	T	330 - 500P	ETC 2.140	
• 17730	TTH	1100 - 1230P	ETC 2.136	BRYANT, M
	M	500 - 630P	ETC 2.140	
• 17735	TTH	1100 - 1230P	ETC 2.136	BRYANT, M
	T	500 - 630P	ETC 2.140	
• 17740	TTH	1100 - 1230P	ETC 2.136	BRYANT, M
	M	630 - 800P	ETC 2.140	
• 17745	TTH	1100 - 1230P	ETC 2.136	BRYANT, M
	T	630 - 800P	ETC 2.140	

M E 225MB COOPERATIVE ENGINEERING

Hour(s) to be arranged. This course covers the work period of mechanical engineering students inthe Cooperative Engineering Program. The student must complete Mechanical Engineering 225MA and 225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Mechanical Engineering 225MA and appointment for a full-time cooperative work tour.

• 17750

M E 330 FLUID MECHANICS

Fluid properties, statics, conservation laws, inviscid and viscous incompressible flow, flow in confined streams and around objects. Prerequisite: Engineering Mechanics 306, Mathematics 427J or 427K, and Mechanical Engineering 316T or 326 or 326H, with a grade of at least C- in each; and credit or registration for Mechanical Engineering 130L.

• 17755	TTH	200 - 330P	ETC 2.108	MOSER, R

M E 130L EXPERIMENTAL FLUID MECHANICS

Experimental design concepts, uncertainty analysis, and systems analysisas applied to thermodynamics, fluid mechanics, and heat transfer systems. Prerequisite: Credit or registration for Mechanical Engineering 330.

• 17760	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	T	800 - 1000	ETC 1.204	
• 17765	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	W	800 - 1000	ETC 1.204	
• 17770	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	T	1000 - 1200	ETC 1.204	
• 17775	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	W	1000 - 1200	ETC 1.204	
• 17780	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	TH	1000 - 1200	ETC 1.204	
• 17785	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	T	1200 - 200P	ETC 1.204	
• 17790	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	W	1200 - 200P	ETC 1.204	
• 17795	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	TH	1200 - 200P	ETC 1.204	
• 17800	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	W	200 - 400P	ETC 1.204	
• 17805	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	T	400 - 600P	ETC 1.204	
• 17810	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	W	400 - 600P	ETC 1.204	
• 17815	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	TH	500 - 700P	ETC 1.204	
• 17820	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	T	600 - 800P	ETC 1.204	
• 17825	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	W	600 - 800P	ETC 1.204	
• 17830	TH	330 - 430P	ECJ 1.202	ELLZEY, J
	TH	700 - 900P	ETC 1.204	

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course	unique	days	time	room	instructor

M E 333T — ENGINEERING COMMUNICATION

Professional communication skills for engineers, with emphasis on research, writing, and oral presentation on topics of social and technical significance in engineering. Mechanical Engineering 333H and 333T may not both be counted. Prerequisite: Rhetoric and Writing 306 with a grade of at least C-.

• 17835	MW	900 - 1000	CPE 2.210	BERKELAAR VAN PELT
	TH	900 - 1100	ETC 2.140	
• 17840	MW	900 - 1000	CPE 2.210	BERKELAAR VAN PELT
	F	900 - 1100	ETC 7.111	
• 17845	MW	900 - 1000	CPE 2.210	BERKELAAR VAN PELT
	F	1200 - 200P	ETC 7.111	
• 17850	MW	1000 - 1100	CPE 2.218	BERKELAAR VAN PELT
	TH	1100 - 100P	ETC 2.140	
• 17855	MW	1000 - 1100	CPE 2.218	BERKELAAR VAN PELT
	TH	100 - 300P	ETC 2.140	
• 17860	MW	1000 - 1100	CPE 2.218	BERKELAAR VAN PELT
	TH	300 - 500P	ETC 2.140	
• 17865	MW	1200 - 100P	ETC 2.136	CLINE, J
	F	1000 - 1200	ETC 2.140	
• 17870	MW	1200 - 100P	ETC 2.136	CLINE, J
	F	1200 - 200P	ETC 2.140	
• 17875	MW	1200 - 100P	ETC 2.136	CLINE, J
	F	200 - 400P	ETC 2.140	
• 17880	MW	200 - 300P	ETC 3.112	CLINE, J
	F	400 - 600P	ETC 2.140	
• 17885	MW	200 - 300P	ETC 3.112	CLINE, J
	TH	500 - 700P	ETC 2.140	
• 17890	MW	200 - 300P	ETC 3.112	CLINE, J
	TH	700 - 900P	ETC 2.140	

M E 334 — MATERIALS ENGINEERING

Fundamental aspects of the structure, properties, and behavior of engineering materials. Prerequisite: The following courses with a grade of at least C- in each:Chemistry 301, Mechanical Engineering 302, Physics 303K, Physics 103M; and credit or registration for Mechanical Engineering 134L, Physics 303L, 103N, and Engineering Mechanics 319.

• 17895	MWF	800 - 900	ETC 2.114	ZHENG, Y
• 17900	MWF	900 - 1000	ETC 3.112	MANGOLINI, F
• 17905	MWF	1000 - 1100	ETC 2.114	
• 17910	TTH	1100 - 1230P	ETC 2.114	TALEFF, E

M E 134L — MATERIALS ENGINEERING LAB

Hands-on experiments in materials science and engineering topics and microstructure-property relationships discussed in Mechanical Engineering 334. Prerequisite: Mechanical Engineering 302 with a grade of at least C-, credit or registration for Mechanical Engineering 334 and Engineering Mechanics 319.

• 17915	T	500 - 630P	ETC 2.108	BHAT, A
	M	1100 - 200P	ETC 8.140	
• 17920	T	500 - 630P	ETC 2.108	BHAT, A
	T	1100 - 200P	ETC 8.140	
• 17925	T	500 - 630P	ETC 2.108	BHAT, A
	W	1100 - 200P	ETC 8.140	
• 17930	T	500 - 630P	ETC 2.108	BHAT, A
	TH	1100 - 200P	ETC 8.140	
• 17935	T	500 - 630P	ETC 2.108	BHAT, A
	F	1100 - 200P	ETC 8.140	
• 17940	T	500 - 630P	ETC 2.108	BHAT, A
	M	200 - 500P	ETC 8.140	
• 17945	T	500 - 630P	ETC 2.108	BHAT, A
	W	200 - 500P	ETC 8.140	
• 17950	T	500 - 630P	ETC 2.108	BHAT, A
	TH	200 - 500P	ETC 8.140	
• 17955	T	500 - 630P	ETC 2.108	BHAT, A
	F	200 - 500P	ETC 8.140	
• 17960	T	500 - 630P	ETC 2.108	BHAT, A
	M	500 - 800P	ETC 8.140	
• 17965	T	500 - 630P	ETC 2.108	BHAT, A
	W	500 - 800P	ETC 8.140	
• 17970	T	500 - 630P	ETC 2.108	BHAT, A
	TH	500 - 800P	ETC 8.140	

M E 335 — ENGINEERING STATISTICS

Fundamentals of probability, distribution theory, data analysis and statistics, interval estimation, hypothesis testing, and statistical quality control. Prerequisite: Mathematics 408D with a grade of at least C- and credit or registration for Mechanical Engineering 318M.

• 17975	TTH	800 - 930	ETC 2.108	CANDAS, M
	W	900 - 1000	ETC 2.140	
• 17980	TTH	800 - 930	ETC 2.108	CANDAS, M
	F	900 - 1000	ETC 2.140	
• 17985	TTH	800 - 930	ETC 2.108	CANDAS, M
	M	1000 - 1100	ETC 2.140	
• 17990	TTH	800 - 930	ETC 2.108	CANDAS, M
	W	1000 - 1100	ETC 2.140	
• 17995	TTH	800 - 930	ETC 2.108	CANDAS, M
	M	1100 - 1200	ETC 2.140	
• 18000	TTH	800 - 930	ETC 2.108	CANDAS, M
	M	1200 - 100P	ETC 2.140	

M E 336 — MATERIALS PROCESSING

Effects of processing on materials properties; materials selection. Prerequisite: Mechanical Engineering 334 (or 311) and 134L (or 111L) or the equivalent and Engineering Mechanics 319 with a grade of at least C-in each.

• 18005	MW	900 - 1000	ETC 7.146	KOVAR, D
	TH	900 - 1100	ETC 8.156	
• 18010	MW	900 - 1000	ETC 7.146	KOVAR, D
	TH	1100 - 100P	ETC 8.156	

M E 336P — CONCEPTS NUC/RADIATN ENGR

Introduces the many different aspects and applications of nuclear and radiation engineering/physics. Subjects covered include: history of nuclear development, basic concepts of radiation and radioactivity, radioactive waste management, global warming and the impact of nuclear power plants, industrial applications, health physics, nuclear medicine,job opportunities at power plants, non-proliferation, nuclear security, discussion of opportunities for graduate schools at national laboratories, tour of University of Texas nuclear research reactor alongwith three introductory laboratories. Mechanical Engineering 336P and 379M (Topic: Concepts in Nuclear and Radiation Engineering) may not both be counted. Prerequisite: For engineering majors, Physics 303L and 103N with a gradeof at least C- in each; for others, upper-division standing.

• 18015	TTH	500 - 630P	ETC 5.148	HAAS, D

M E 337C — INTRO TO NUCLEAR POWER SYSTEMS

Radioactivity, nuclear interactions: fission and fusion, fission reactors, nuclear power systems, nuclear power safety. Prerequisite: For engineering majors, Mechanical Engineering 218 and Physics 303L and 103N with a grade of at least C- in each; for others, upper-division standing and written consent of instructor. Partially taught as a Web-based course.

• 18020	TTH	1100 - 1230P	ETC 5.148	SCHNEIDER, E

M E 337F — NUCLEAR ENVIRONMNTL PROTECTION

Ionizing radiation and its interactions with matter and living tissues; radioactive decay kinetics; external and internal dose measurement; transportation through the environment; managing radioactive waste streams; and safeguards. Mechanical Engineering 337F and 389C may not both be counted. Prerequisite: For engineering majors, Physics 303L and 103N with a gradeof at least C- in each; for others, upper-division standing. Partially taught as a Web-based course. meets with M E 389C.

• 18025	TTH	200 - 330P	ETC 5.148	BYERS, M

M E 338 — MACHINE ELEMENTS

Analysis for the design and manufacture of basic mechanical elements, and their role in the design of machines; application of finite element modeling. Prerequisite: Engineering Mechanics 319 and Mechanical Engineering 334 with a grade of at least C- in each.

• 18030	MWF	800 - 900	ETC 3.112	FAHRENTHOLD, E
• 18035	MWF	100 - 200P	ART 1.120	FAHRENTHOLD, E

M E 339 — HEAT TRANSFER

Steady and transient heat conduction; forced and natural convection; radiation; introduction to heat exchangers and applications. Prerequisite: Mechanical Engineering 218 or 318M, 330, and 130L with a grade of at least C- in each; and credit or registration for Mechanical Engineering 139L.

• 18040	TTH	930 - 1100	ETC 2.136	RYLANDER, M
• 18045	TTH	200 - 330P	ETC 2.136	BAHADUR, V

M E 139L — EXPERIMENTAL HEAT TRANSFER

Experimental design concepts, uncertainty analysis, and systems analysisas applied to thermodynamics, fluid mechanics, and heat transfer systems. Prerequisite: Credit or registration for Mechanical Engineering 339.

• 18050	M	300 - 400P	ECJ 1.202	WANG, Y
	T	800 - 1000	ETC 7.162	
• 18055	M	300 - 400P	ECJ 1.202	WANG, Y
	W	800 - 1000	ETC 7.162	
• 18060	M	300 - 400P	ECJ 1.202	WANG, Y
	TH	800 - 1000	ETC 7.162	
• 18065	M	300 - 400P	ECJ 1.202	WANG, Y
	F	800 - 1000	ETC 7.162	
• 18070	M	300 - 400P	ECJ 1.202	WANG, Y
	T	1000 - 1200	ETC 7.162	
• 18075	M	300 - 400P	ECJ 1.202	WANG, Y
	TH	1000 - 1200	ETC 7.162	
• 18080	M	300 - 400P	ECJ 1.202	WANG, Y
	F	1000 - 1200	ETC 1.204	
• 18085	M	300 - 400P	ECJ 1.202	WANG, Y
	W	1200 - 200P	ETC 7.162	
• 18090	M	300 - 400P	ECJ 1.202	WANG, Y
	F	1200 - 200P	ETC 7.162	
• 18095	M	300 - 400P	ECJ 1.202	WANG, Y
	W	200 - 400P	ETC 7.162	
• 18100	M	300 - 400P	ECJ 1.202	WANG, Y
	TH	200 - 400P	ETC 7.162	
• 18105	M	300 - 400P	ECJ 1.202	WANG, Y
	F	200 - 400P	ETC 7.162	
• 18110	M	300 - 400P	ECJ 1.202	WANG, Y
	W	400 - 600P	ETC 7.162	
• 18115	M	300 - 400P	ECJ 1.202	WANG, Y
	TH	400 - 600P	ETC 7.162	
• 18120	M	300 - 400P	ECJ 1.202	WANG, Y
	F	400 - 600P	ETC 7.162	

course	unique	days	time	room	instructor
	• 18125	M	300 - 400P	ECJ 1.202	WANG, Y
		T	600 - 800P	ETC 7.162	
	• 18130	M	300 - 400P	ECJ 1.202	WANG, Y
		W	600 - 800P	ETC 7.162	
	• 18135	M	300 - 400P	ECJ 1.202	WANG, Y
		TH	600 - 800P	ETC 7.162	

M E 340 MECHATRONICS

Theory and application of electrical circuits, electronics, and electromechanical devices; concepts in electrical power transmission; instrumentation; feedback; integration of electronics and instrumentation with mechanical engineering systems (mechatronics). Prerequisite: Mathematics 408D, Physics 303L, and 103N with a grade of at least C- in each; and credit or registration for Mechanical Engineering 140L.

• 18140	TTH	1100 - 1230P	ETC 3.108	LI, W
• 18145	TTH	330 - 500P	ETC 2.136	CONNOLLY, T

M E 140L MECHATRONICS LABORATORY

Hands-on laboratory using hand-held and bench-top electronic test and prototyping equipment for circuits and mechatronics applications; computer-aided instrumentation and data acquisition; laboratory study in design, prototyping, and testing with electrical and electronics components and electromechanical devices. Prerequisite: Credit or registration for Mechanical Engineering 340.

• 18150	W	1200 - 100P	ECJ 1.202	MASADA, G
	M	900 - 1100	ETC 3.157	
• 18155	W	1200 - 100P	ECJ 1.202	MASADA, G
	T	900 - 1100	ETC 3.157	
• 18160	W	1200 - 100P	ECJ 1.202	MASADA, G
	W	900 - 1100	ETC 3.157	
• 18165	W	1200 - 100P	ECJ 1.202	MASADA, G
	M	1200 - 200P	ETC 3.157	
• 18170	W	1200 - 100P	ECJ 1.202	MASADA, G
	T	1200 - 200P	ETC 3.157	
• 18175	W	1200 - 100P	ECJ 1.202	MASADA, G
	TH	1200 - 200P	ETC 3.157	
• 18180	W	1200 - 100P	ECJ 1.202	MASADA, G
	W	100 - 300P	ETC 3.157	
• 18185	W	1200 - 100P	ECJ 1.202	MASADA, G
	M	300 - 500P	ETC 3.157	
• 18190	W	1200 - 100P	ECJ 1.202	MASADA, G
	T	300 - 500P	ETC 3.157	
• 18195	W	1200 - 100P	ECJ 1.202	MASADA, G
	W	330 - 530P	ETC 3.157	
• 18200	W	1200 - 100P	ECJ 1.202	MASADA, G
	T	500 - 700P	ETC 3.157	
• 18205	W	1200 - 100P	ECJ 1.202	MASADA, G
	TH	500 - 700P	ETC 3.157	

M E 343 THERMAL-FLUID SYSTEMS

Analysis and design of integrated systems involving simultaneous application of thermodynamics, heat transfer, and fluid mechanics. Applications to power generation, vehicle engineering, materials processing, environmental control, and manufacturing. Prerequisite: Mechanical Engineering 330, 130L, 339, and 139L with a grade of at least C- in each.

• 18210	MWF	1100 - 1200	ETC 2.132	HALL, M
	M	300 - 400P	ETC 7.146	

M E 344 DYNAMIC SYSTEMS AND CONTROLS

Lumped physical system models; electrical, fluid, mechanical, and thermal system analysis; linear system transient, steady-state behavior;introduction to feedback control. Prerequisite: Mathematics 427J or 427K, Mechanical Engineering 205 or 318M, and 324 with a grade of at least C- in each; Mechanical Engineering 340 and 140L with a grade of at least C- in each; and credit or registration for Mechanical Engineering 144L or 244L.

• 18215	TTH	930 - 1100	ETC 3.108	MOON, T
• 18220	TTH	1230 - 200P	ETC 3.108	MOON, T
• 18225	MWF	100 - 200P	ETC 2.136	HABERMAN, M

M E 144L DYNAMIC SYSTEMS & CONTROLS LAB

Modeling of engineering systems, digital simulation, and assessment of results with experimental study; methods for analysis of first- and second-order systems, system identification, frequency response and feedback control principles; hands-on experimentation with mechanical, fluid, electrical, and magnetic systems; data acquisition and analysis using oscilloscopes and microcomputer-based analog-to-digital and digital-to-analog conversion; theoretical and practical principles governing the design and use of various sensors and transducers. Prerequisite: Credit or registration for Mechanical Engineering 344.

• 18230	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	M	1000 - 1200	ETC 4.160	
• 18235	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	T	1000 - 1200	ETC 4.160	
• 18240	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	W	1000 - 1200	ETC 4.160	
• 18245	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	M	1230 - 230P	ETC 4.160	
• 18250	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	T	1230 - 230P	ETC 4.160	
• 18255	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	W	1230 - 230P	ETC 4.160	
• 18260	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	TH	1230 - 230P	ETC 4.160	
• 18265	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	M	300 - 500P	ETC 4.160	
• 18270	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	T	300 - 500P	ETC 4.160	
• 18275	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	W	300 - 500P	ETC 4.160	
• 18280	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	TH	300 - 500P	ETC 4.160	
• 18285	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	M	530 - 730P	ETC 4.160	
• 18290	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	T	530 - 730P	ETC 4.160	
• 18295	F	1200 - 100P	ECJ 1.202	LONGORIA, R
	W	530 - 730P	ETC 4.160	

M E 350 MACHINE TOOL OPERATN FOR ENGRS

Offered on the letter-grade basis only. Hands-on manual and computer-numerical-controlled machine tool operation. Part design and tool selection for production. Mechanical Engineering 350 and 379M (Topic 7: Machine Tool Operations for Engineers) may not both be counted.

• 18300	W	1000 - 1100	ETC 5.132	CULLINAN, M
	TTH	900 - 1200	ETC 1.210	
• 18305	W	1000 - 1100	ETC 5.132	CULLINAN, M
	TTH	100 - 400P	ETC 1.210	

M E 353 ENGINEERING FINANCE

Evaluating the financial impact of engineering decisions. Comparing alternatives with cash flow analysis considering rate of return, inflation, and taxes, with emphasis on analyzing risk. Managing complex projects with activity scheduling and resource allocation considering cash flows. Methods include probabilistic analysis and simulation. Prerequisite: Mathematics 408D, Mechanical Engineering 205 or 318M, and 335 with a grade of at least C- in each.

• 18310	TTH	330 - 500P	ETC 2.108	KUTANOGLU, E
	M	800 - 1000	ETC 2.140	
• 18315	TTH	330 - 500P	ETC 2.108	KUTANOGLU, E
	W	800 - 1000	ETC 7.111	
• 18320	TTH	330 - 500P	ETC 2.108	KUTANOGLU, E
	W	1100 - 100P	ETC 2.140	
• 18325	TTH	330 - 500P	ETC 2.108	KUTANOGLU, E
	W	100 - 300P	ETC 2.140	
• 18330	TTH	330 - 500P	ETC 2.108	KUTANOGLU, E
	W	300 - 500P	ETC 2.140	
• 18335	TTH	330 - 500P	ETC 2.108	KUTANOGLU, E
	W	500 - 700P	ETC 2.140	

M E 359 MATERIALS SELECTION

Description of commercial metals, polymers, ceramics, concrete, and woodfor use in mechanical engineering applications. Applications include strength, toughness, stiffness, fatigue, creep, corrosion, casting, forming, machining, and welding. Prerequisite: For engineering majors, Mechanical Engineering 334 or the equivalent; for nonengineering majors, upper-division standing and written consent of instructor.

• 18340	TTH	930 - 1100	ETC 3.112	BOURELL, D

M E 364L AUTOMATIC CONTROL SYS DESIGN

Laboratory hour(s) to be arranged. Feedback principles; control components; industrial compensators; Routh,Nyquist, Bode, and root locus methods; controller design; continuous anddiscrete time control. Prerequisite: Mechanical Engineering 344.

• 18345	TTH	1100 - 1230P	ETC 4.150	MASADA, G

M E 366J MECH ENGR DESIGN METHODOLOGY

An examination of structured methodologies for designing mechanical systems; reverse engineering/redesign projects and conceptual design projects. Prerequisite: The following coursework with a grade of at least C- in each: Mechanical Engineering 302, 330, 130L, 335, 338, 339, 139L, 340, and 140L; one of the following with a grade of at least C-: Mechanical Engineering 333H, 333T, Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, or Petroleum and Geosystems Engineering.

• 18350	MWF	1000 - 1100	ETC 2.136	SEEPERSAD, C
	MW	1200 - 100P	ETC 3.108	
• 18355	MWF	1000 - 1100	ETC 2.136	SEEPERSAD, C
	MW	100 - 200P	ETC 3.108	
• 18360	MWF	1000 - 1100	ETC 2.136	SEEPERSAD, C
	MW	200 - 300P	ETC 3.108	
• 18365	MWF	1100 - 1200	ETC 2.136	SEEPERSAD, C
	TTH	830 - 930	ETC 3.108	
• 18370	MWF	1100 - 1200	ETC 2.136	SEEPERSAD, C
	MW	1000 - 1100	ETC 3.108	
• 18375	MWF	1100 - 1200	ETC 2.136	SEEPERSAD, C
	MW	1100 - 1200	ETC 3.108	

MECH ENGR DESIGN METHODOLOGY

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. An examination of structured methodologies for designing mechanical systems; reverse engineering/redesign projects and conceptual design projects. Prerequisite: The following coursework with a grade of at least C- in each: Mechanical Engineering 302, 330, 130L, 335, 338, 339, 139L, 340, and 140L; one of the following with a grade of at least C-: Mechanical Engineering 333H, 333T, Aerospace Engineering 333T, Biomedical Engineering 333T, Chemical Engineering 333T, Civil Engineering 333T, Electrical Engineering 333T, or Petroleum and Geosystems Engineering.

• 18380	MWF	900 - 1000	ETC 4.110	CRAWFORD, R

Nov 3, 2013

course unique days time room instructor

M E 266K MECHANICAL ENGR DESIGN PROJECT
Additional hour(s) to be arranged. Creative design, analysis, selection, development, and fabrication of engineering components and systems. Development of team project with faculty adviser and sponsoring engineer. Prerequisite: Mechanical Engineering 344, 144L or 244L, 353, and 366J with a grade of at least C- in each.
• 18385 MW 300 - 500P ETC 2.136 CRAWFORD, R

M E 366L OPERATIONS RESEARCH MODELS
Formulation and solution-interpretation for operations research models requiring, for example, optimization, simulation, or analysis of Markov chains or queues. Applications include manufacturing design and control, routing and scheduling, plant location, inventory analysis, and management of queueing systems. Mechanical Engineering 366L and Operations Research and Industrial Engineering 366 may not both be counted. Prerequisite: For engineering majors, Mathematics 408D and Mechanical Engineering 318M with a grade of at least C- in each; for non-engineering majors, upper-division standing and written consent of instructor. same as ORI 366.
• 18390 TTH 1230 - 200P ETC 7.111

M E 266P DESIGN PROJECT LABORATORY
Development of individual team project in association with faculty adviser and sponsoring project engineer. Prerequisite: Mechanical Engineering 344, 144L or 244L, 353, and 366J with a grade of at least C- in each.
• 18395 TTH 930 - 1130 ETC 4.110 CRAWFORD, R
• 18400 MW 1100 - 100P ETC 4.110 CRAWFORD, R
• 18405 MW 100 - 300P ETC 4.110 CRAWFORD, R
• 18410 TTH 100 - 300P ETC 4.110 CRAWFORD, R
• 18415 MW 500 - 700P ETC 4.110 CRAWFORD, R

M E 374E RACECAR ENGR/PROJ MANAGEMENT
Explores designing a Formula SAE race car, a hot rod (UT's 1937 Chevy project), and a Formula SAE Electric race car. Divided into four major sections: Project Management, including tools for project organization and management, Powertrain, including engine basics, calibration, intakeand exhaust design, cooling and oiling systems, fuel economy and emissions, transmission/differential, vehicle performance modeling, Brake systems, longitudinal weight transfer, longitudinal force requirements of the tires for both braking and acceleration, tires and tire models, and Vehicle dynamics (suspension systems, anti-roll bars, lateral weight transfer, tires and tire models). Mechanical Engineering 374E and 379M (Topic: RACECAR ENGR & PROJ MANAGEMENT) may not both be counted. Prerequisite: The following courses with a grade of at least a C- in each: Mechanical Engineering 330 and 130L; and credit or registration for 339 and 139L. meets with M E 397.
• 18420 TTH 330 - 500P ETC 7.146 MATTHEWS, R

M E 177K PROJECTS IN MECHANICAL ENGR
Laboratory hour(s) to be arranged. Independent project carried out under the supervision of a faculty member in mechanical engineering. Student prepares a project proposal and a final report, each of which is evaluated by the faculty committee on individual projects. Only one of the following may be counted: Mechanical Engineering 325L, 362K, 371K, 177K, 277K, 377K. Prerequisite: A University grade point average of at least 2.50 and a grade point average in the major of at least 2.50; and approval of project proposal by the faculty committee on individual projects.
• 18425 F 300 - 400P CPE 2.220 SEEPERSAD, C

PROJECTS IN MECHANICAL ENGR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Independent project carried out under the supervision of a faculty member in mechanical engineering. Student prepares a project proposal and a final report, each of which is evaluated by the faculty committee on individual projects. Only one of the following may be counted: Mechanical Engineering 325L, 362K, 371K, 177K, 277K, 377K. Prerequisite: A University grade point average of at least 2.50 and a grade point average in the major of at least 2.50; and approval of project proposal by the faculty committee on individual projects.
• 18430

M E 277K PROJECTS IN MECHANICAL ENGR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Independent project carried out under the supervision of a faculty member in mechanical engineering. Student prepares a project proposal and a final report, each of which is evaluated by the faculty committee on individual projects. Only one of the following may be counted: Mechanical Engineering 325L, 362K, 371K, 177K, 277K, 377K. Prerequisite: A University grade point average of at least 2.50 and a grade point average in the major of at least 2.50; and approval of project proposal by the faculty committee on individual projects.
• 18435

M E 377K PROJECTS IN MECHANICAL ENGR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Independent project carried out under the supervision of a faculty member in mechanical engineering. Student prepares a project proposal and a final report, each of which is evaluated by the faculty committee on individual projects. Only one of the following may be counted: Mechanical Engineering 325L, 362K, 371K, 177K, 277K, 377K. Prerequisite: A University grade point average of at least 2.50 and a grade point average in the major of at least 2.50; and approval of project proposal by the faculty committee on individual projects.
• 18440

M E 378D FAILURE ANALYSIS
Introduction to methodology of analyzing failures of engineering parts and devices. Explores a broad range of analysis, but the focus is on understanding fractography and relating this back to material and mechanics relevant to failure to determine the likely root cause(s). Lectures are primarily based on case studies and are supplemented by twohands-on class projects, one performed individually and the other larger project performed as a team project. Mechanical Engineering 378D and 379M (Topic: Failure Analysis) may not both be counted. Prerequisite: For engineering majors, the following courses with a gradeof at least a C- in each: Engineering Mechanics 319, Mechanical Engineering 334 and 134L or equivalent. meets with M E 386Q (TOPIC 17).
• 18445 MWF 1100 - 1200 ETC 3.112 KOVAR, D

M E 378E NANOTECH FOR SUSTAINBL ENRG
Demonstrates the role of nanoscale materials in solving one of the most critical socio-economic issues of our time, affordable and sustainable energy. An overview of emerging nanotechnology, and how people can critically impact many energy technologies (from energy harvesting, conversion, to storage). Explores various types of energy devices, including solar cell, solar fuel, piezoelectrics, thermoelectrics, battery, supercapacitor, and fuel cell as well as basic device principles, current technology status and new opportunities of nanotechnology for energy device applications. Content is at the intersection of nanoscale science and engineering, and energy science and technology. Mechanical Engineering 378E and 379M (Topic: NANOTECH FOR SUSTAINABL ENERGY) may not both be counted. Prerequisite: Upper-division standing, and the following courses with a grade of at least C-: Chemistry 301, Mechanical Engineering 334 or equivalent, Physics 303L and 103N. meets with M E 397.
• 18450 MWF 900 - 1000 ETC 9.130 YU, G

M E 378K MECHANICAL BEHAVIOR OF MATLS
Designed to accommodate 35 or fewer students. Elastic deformation; viscoelasticity; yielding, plastic flow, plastic instability, strengthening mechanisms; fracture, fatigue, creep; significance of mechanical properties tests. Prerequisite: For engineering majors, Mechanical Engineering 334 or the equivalent and 134L with a grade of at least C- in each; for others, upper-division standing and written consent of instructor.
• 18454 TTH 930 - 1100 ETC 7.111 TALEFF, E

M E 679HA UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Mechanical Engineering 679HA and enrollment in the Engineering Honors Program.
• 18455

M E 679HB UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Mechanical Engineering 679HA and enrollment in the Engineering Honors Program.
• 18460

M E 379M BIOMEMS AND BIONEMS
Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic. Topic title: Biomems and bionems: Materials, manufacturing, and devices. meets with M E 397.
• 18465 TTH 1100 - 1230P ETC 9.130 TAO, H

CLINICAL CARDIOLOGY
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic. meets with M E 397, BME 385J, CSE 397.
• 18470 W 1000 - 1100 PAR 103 BEASLEY, H

DEVEL OF SOLAR-POWERED VEHICLE
Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic.
• 18475 TTH 500 - 630P EER 1.512 HALLOCK, G
S 200 - 500P ECB 19

ENGINEERING ENTREPRENEURSHIP
Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic. meets with BME 377T.
• 18480 TH 330 - 630P ETC 5.132 NICHOLS, S

STAT METHODS IN MANUFACTURING
Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic. meets with M E 397, ORI 397.
• 18485 TTH 200 - 330P ETC 4.150 DJURDJANOVIC, D

VISCOUS FLUID FLOW
Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic. meets with ASE 346.
• 18490 MW 930 - 1100 WRW 312 RAJA, L

M E 379N ENGINEERING ACOUSTICS
Principles of acoustics, with applications drawn from audio engineering, biomedical ultrasound, industrial acoustics, noise control, room acoustics, and underwater sound. Prerequisite: Mathematics 427J or 427K with a grade of at least C-. same as E E 363N.
• 18495 MW 830 - 1000 ETC 3.108 HALL, N

M E 180M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing in mechanical engineering.
• 18500

M E 280M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in mechanical engineering.
• 18505

M E 380M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing in mechanical engineering.
• 18510

M E 680M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in mechanical engineering.
• 18515

M E 980M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in mechanical engineering.
• 18520

M E 381P 1-FUNDMTL OF INCOMPRESSBL FLOW
Course number may be repeated for credit when the topics vary. Detailed study of fluid dynamics, boundary layer phenomena, and incompressible flows. Fundamentals. Kinematic and dynamic equations for compressible viscous flow, incompressible flow criteria, viscous flow patterns, and solution methods. Prerequisite: Graduate standing. meets with ASE 382Q (TOPIC 1).
• 18525 TTH 1100 - 1230P ECJ 1.314 GOLDSTEIN, D

M E 381R 2-ADV CONVECT HEAT/MASS TRANSF
Course number may be repeated for credit when the topics vary. Fundamental study of momentum, energy, and mass transport in convective systems in laminar and turbulent regimes, and several flow configurations. Prerequisite: Graduate standing, and Mechanical Engineering 339 or the equivalent.
• 18530 MWF 200 - 300P ETC 4.150 EZEKOYE, O

7-NANOSCL ENERGY TRANSP/CONVER
Course number may be repeated for credit when the topics vary. Nanoscale transport phenomena and energy conversion processes. Parallel theoretical treatment of transport and conversion processes of electrons, phonons, photons, and molecules in various applications including photovoltaic and thermoelectric energy conversions, microelectronics, nanomaterials, and laser materials processing. Prerequisite: Graduate standing, and Mechanical Engineering 339 or the equivalent.
• 18535 TTH 200 - 330P ETC 7.111 SHI, L

M E 382P ADV EXP METH THERMAL/FLUID SYS
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Use of modern experimental techniques and instrumentation in the thermal/fluid sciences. Prerequisite: Graduate standing.
• 18540 MW 900 - 1000 ETC 4.150 BOGARD, D

M E 382R 1-FUNDAMENTALS OF COMBUSTION
Course number may be repeated for credit when the topics vary. Fundamentals of combustion science, technology, and engineering. Combustion phenomena are examined from a fundamental perspective. Topics include equilibrium phenomena, chemical kinetics, explosions, detonations, and premixed and diffusion flames. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Knowledge of computer programming or the use of public domain codes.
• 18545 MWF 1000 - 1100 ETC 5.148 ELLZEY, J

M E 383Q 4-MODELING OF PHYSICAL SYSTEMS
Course number may be repeated for credit when the topics vary. Detailed studies in the characteristics of mechanical systems. Development of models for mechanical, electrical, fluid, thermal, and chemical systems; circuit techniques; bond graphs; energy and variational methods; hardware examples. Prerequisite: Graduate standing.
• 18550 TTH 200 - 330P ETC 3.108 LONGORIA, R

M E 384N 1-ACOUSTICS I
Course number may be repeated for credit when the topics vary. Plane waves in fluids; transient and steady-state reflection and transmission; lumped elements; refraction; strings, membranes, and rooms; horns; ray acoustics; absorption and dispersion. Prerequisite: Graduate standing and consent of instructor. same as E E 384N (TOPIC 1).
• 18555 MWF 900 - 1000 ETC 5.132 HAMILTON, M

3-ELECTROMECHANCL TRANSDUCERS
Course number may be repeated for credit when the topics vary. Modeling, analysis, and design of transducers for reception and transmission of acoustic and vibration signals; dynamics of coupled electrical, mechanical, and acoustical systems; and the effects of transducer characteristics on fidelity and efficiency of transduction. Prerequisite: Graduate standing and consent of instructor. same as E E 384N (TOPIC 3).
• 18560 MWF 1100 - 1200 ETC 4.150 WILSON, P

M E 385J TISSUE/SCAFFOLD BIOMECHANICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in engineering and consent of instructor. Topic description: Analysis of biosolid mechanics via the mechanical behavior of scaffolds and living tissues and cells. Emphasis on biomechanical application areas, including cell mechanics, engineered materials, ha rd and soft tissues, and organs. meets with BME 385J (TOPIC 7), BME 373, CSE 397.
• 18565 TTH 1230 - 200P GAR 2.112 SACKS, M

22-MUSCULOSKELETAL BIOMECHNCS
Course number may be repeated for credit when the topics vary. Synthesis of properties of the musculotendon and skeletal systems to construct detailed computer models that quantify human performance and muscular coordination. Prerequisite: Graduate standing in engineering and consent of instructor. Prerequisite: For kinesiology majors, Mathematics 341 and Kinesiology 395 (Topic 36: Biomechanics of Human Movement). meets with BME 383J (TOPIC 2).
• 18570 TTH 930 - 1100 ETC 4.150 NEPTUNE, R

M E 385M APPLIED THERMODYNAMICS
Hour(s) to be arranged. Addresses the design and analysis of systems in which thermodynamic processes are central to function and performance. Reviews fundamental thermodynamic concepts, such as enthalpy, entropy, exergy, 1st & 2nd law, psychrometrics and combustion. Discusses practical topics, such as system-level thermodynamic processes for automotive engines, power plants, renewable energy production and HVAC systems. Gives real-world examples to cultivate skills of solving problems with basic knowledge ofthermodynamics. Restricted to Option III Mechanical Engineering Master's degree students. Prerequisite: Graduate standing and admission to the Executive ME program. Partially taught as a Web-based course.
• 18575 WANG, Y

M E 386M MDLG/SMLTN/CTRL PHYS SYS
Hour(s) to be arranged. Reviews principles used to understand and model physical systems and introduces methods for building mathematical and simulation models of engineering systems. Emphasis on the development of dynamic system models for predicting the behavior or performance of systems, models forefficient data reduction or test development, models for design, and therole of models in control development. Bond graph methods are introduced especially for analysis of systems having combinations of mechanical, electrical, magnetic, electromechanical, fluid, and thermodynamic effects. Covers the role and application of physical models in development and design of feedback controllers and estimation methods. Restricted to Option III Mechanical Engineering Master's degree students. Prerequisite: Graduate standing and admission to the Executive ME program. Partially taught as a Web-based course.
• 18580 LONGORIA, R

M E 386P 3-INTRO TO THERMODYN OF MATLS
Course number may be repeated for credit when the topics vary. Thermodynamic properties; reactions and chemical equilibrium in gases; solutions, phase equilibria, phase diagrams, reaction equilibria; surfaces and interfaces; point defects in crystals. Prerequisite: Graduate standing and consent of instructor.
• 18585 TTH 930 - 1100 ETC 9.130 FAN, D

5-STRUCTURE OF MATERIALS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Essential crystallography of lattices and structures; symmetry; elementsof diffraction and reciprocal lattices; point, line, and surface defectsin crystals; crystalline interfaces; noncrystalline materials; polymers; glasses. Prerequisite: Graduate standing and consent of instructor.
• 18590 MWF 1000 - 1100 ETC 9.130 LIU, Y

M E 386Q APPL PERSPECTIVE NANOTECHNOL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 18595 TTH 1230 - 200P ETC 7.146 FAN, D

10-HIGH-TEMPERATURE MATERIALS
Course number may be repeated for credit when the topics vary. Theory and practice in use of materials for high-temperature structural applications; case-study considerations of actual problems and requirements; interactive process-microstructure-property relationships in materials development and applications of superalloys, intermetallics, composites, and ceramics; prospective trends. Prerequisite: Graduate standing and consent of instructor.
• 18600 TTH 930 - 1100 ETC 7.111 TALEFF, E

17-FAILURE ANALYSIS
Course number may be repeated for credit when the topics vary. Introduction to methodology of analyzing failures of engineering parts and devices. Explores a broad range of analysis, but the focus is on understanding fractography and relating this back to material and mechanics relevant to failure to determine the likely root cause(s). Lectures are primarily based on case studies and are supplemented by two-hands-on class projects, one performed individually and the other larger project performed as a team project. Mechanical Engineering 386Q.17 and 397 (Topic: Failure Analysis) may notboth be counted. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Graduate standing. meets with M E 378D.
• 18605 MWF 1100 - 1200 ETC 3.112 KOVAR, D

M E 388F COMP METHS IN RADIATION TRANSP
Transport equation, Monte Carlo method, energy and time discretization, discrete ordinates, integral methods, and even-parity methods. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 18610 TTH 330 - 500P ETC 5.148 CHARLTON, W

M E 389C NUCLEAR ENVIRONMNTL PROTECTION
Ionizing radiation and its interactions with matter and living tissues; radioactive decay kinetics; external and internal dose measurement; transportation through the environment; managing radioactive waste streams; and safeguards. Mechanical Engineering

337F and 389C may not both be counted. Prerequisite: Graduate standing. Partially taught as a Web-based course. meets with M E 337F.
• 18615 TTH 200 - 330P ETC 5.148 BYERS, M

M E 389M MATERIALS PROCESSING
Hour(s) to be arranged. Explores the principles, advantages, and problems of solid, liquid, and vapor materials processes. Studies the considerations of structural alloys, ceramics, engineering polymers, and composites. Restricted to Option III Mechanical Engineering Master's degree students. Prerequisite: Graduate standing and admission to the Executive ME program. Partially taught as a Web-based course.
• 18620 MIKULAK, J

M E 390F NUCLEAR ANALYSIS TECHNIQUES
Thermal and fast neutron activation, scintillation and solid-state detectors, beta and gamma spectrometry, coincidence techniques. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 18625 W 1200 - 300P NEL 2.106 HAAS, D

M E 390G NUCLEAR ENGINEERING LABORATORY
Additional hour(s) to be arranged. Experiments using the TRIGA reactor and a subcritical assembly; measurement of reactor characteristics and operational parameters. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 18630 TTH 930 - 1100 ETC 5.148 CHARLTON, W

M E 392M 7-PROD DSGN, DEV, AND PROTOTYP
Course number may be repeated for credit when the topics vary. Methodology and tools for the product development process. Functional designs based on real product needs. Product design project. Prerequisite: Graduate standing and consent of instructor.
• 18635 MWF 100 - 200P ETC 4.150 CRAWFORD, R

M E 392Q 6-MECHATRONICS I
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Topics that cut across departmental concentrations (mechanical systems and design, metallurgy and materials engineering, operations research and industrial engineering), including design for manufacturing, manufacturing machines and manufacturing processing, and production systems. Integrated use of mechanical, electrical, and computer systems for information processing and control of machines and devices. System modeling, electromechanics, sensors and actuators, basic electronics design, signal processing and conditioning, noise and its abatement, grounding and shielding, filters, and system interfacing techniques. Prerequisite: Graduate standing.
• 18640 TTH 330 - 500P ETC 7.111 BRYANT, M

M E 395 THE ENTERPRISE OF TECHNOLOGY
Studies the basis for assessing emerging technologies. Describes the process of technology commercialization, including identifying marketable technologies, defining products, and matching products to markets. Also studies intellectual property protection and strategy, and the steps and processes necessary to the successful design and manufacture of a product or service. Mechanical Engineering 395 and 397 (Topic: Enterprise of Technology: Laboratory to Market) may not both be counted. Prerequisite: Graduate standing. meets with MAN 385 (TOPIC 64).
• 18645 T 330 - 630P ETC 5.132 NICHOLS, S

M E 397 ASSESS & CURRIC DESIGN IN ENGR
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18650 W 1200 - 300P ETC 7.111 BORREGO, M

BIOMEMS AND BIONEMS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Topic title: Biomems and bionems: Materials, manufacturing, and devices. meets with M E 379M.
• 18655 TTH 1100 - 1230P ETC 9.130 TAO, H

CLINICAL CARDIOLOGY
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with M E 379M, BME 385J, CSE 397.
• 18660 W 1000 - 1100 PAR 103 BEASLEY, H

COMPUT/VAR METHS INVERSE PROBS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18665 MW 500 - 700P GHATTAS, O

ATOMSTC MDLING OF MATLS PROP
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18670 TTH 200 - 330P ETC 9.130 SANCHEZ, J

DIGITAL CONTROL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18675 TTH 1100 - 1230P ETC 3.112 CHEN, D

ENGINEERING ECONOMICS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Restricted to students in the Master of Science in Mechanical Engineering program. Partially taught as a Web-based course.
• 18680 DUVIC, R

MATH MODELING IN SCI AND ENGR
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with CSE 389C.
• 18685 WF 100 - 300P ECJ 1.306 HEIMBACH, P

MEDICAL DEVICE DESIGN AND MANU
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with BME 385J, BME 363E.
• 18690 TTH 1100 - 1230P ETC 7.146 RYLANDER, C

MICROELEC PACKING: FUNDS &APPS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18695 TTH 330 - 500P ETC 4.150 BAHADUR, V

NANOTECH FOR SUSTAINABL ENERGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with M E 378E.
• 18700 MWF 900 - 1000 ETC 9.130 YU, G

NUMERICAL ANLY: LINEAR ALGEBRA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with M 383E, C S 383C, CSE 383C.
• 18705 TTH 930 - 1100 ECJ 1.214 BIROS, G

RACECAR ENGR & PROJ MANAGEMENT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with M E 374E.
• 18710 TTH 330 - 500P ETC 7.146 MATTHEWS, R

ROBOT DESIGN AND CONTROL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18715 TTH 330 - 500P ETC 3.108 SULZER, J

STAT METHODS IN MANUFACTURING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with M E 379M, ORI 397.
• 18720 TTH 200 - 330P ETC 4.150 DJURDJANOVIC, D

TEXAS VENTURE LABS PRACTICUM
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with PGS 380M, MAN 385, LAW 379M, E M 397, E E 390V, ASE 396.
• 18725 M 600 - 900P ATT M1030 ADAMS, R

M E 397K NEW GRADUATE STUDENT SEMINAR
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 18730 F 1200 - 100P ETC 3.108 CHEN, D

1-ACOUSTICS SEMINAR
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 18735 F 300 - 500P ETC 4.150 HAMILTON, M

M E 397M GRADUATE RESEARCH INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Research associated with enrollment in the Graduate Research Internship Program (GRIP). Prerequisite: Graduate standing and consent of instructor and the dean of the Cockrell School of Engineering.
• 18740

M E 397P PROJECTS IN MECHANICAL ENGR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Independent project carried out under the supervision of a mechanical engineering faculty member. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 18745

M E 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in mechanical engineering and consent of the graduate adviser; for 698B, Mechanical Engineering 698A.
• 18750

M E 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in mechanical engineering and consent of the graduate adviser; for 698B, Mechanical Engineering 698A.
• 18755

M E 198P TEACHING PORTFOLIO PREP
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Mentored teaching experience completed by arrangement with the instructor of record for an undergraduate engineering course. May be completed in the same semester as a Teaching Assistant or Assistant Instructor assignment with additional responsibilities. Prerequisite: Mechanical Engineering 397 (Topic: Curriculum Design in Engineering) and 397 (Topic: Teaching Engineering) or equivalent; and admission to

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the Graduate Certificate in Engineering Education Program; and consent of the graduate adviser.
• 18760 BORREGO, M

M E 698P TEACHING ENGINEERING PRACT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Mentored teaching experience completed by arrangement with the instructor of record for an undergraduate engineering course. May be completed in the same semester as a Teaching Assistant or Assistant Instructor assignment with additional responsibilities. Prerequisite: Mechanical Engineering 397 (Topic: Curriculum Design in Engineering) and 397 (Topic: Teaching Engineering) or equivalent; and admission to the Graduate Certificate in Engineering Education Program; and consent of the graduate adviser.
• 18765 BORREGO, M

M E 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in mechanical engineering and consent of the graduate adviser.
• 18770

M E 398S ASSESS/CURR DESIGN IN ENGR
Designed to accommodate 35 or fewer students. Develop curriculum design skills in preparation for engineering faculty positions, including writing learning outcomes, assessing student learning and aligning expectations to activities and outcomes. Assessment is framed as an integrated part of course design, considers the strengths and weaknesses of a variety of quantitative and qualitative assessment strategies. Practice engineering course design and learn important considerations in coordinating department or collegeresources in preparation for an ABET engineering accreditation review. Mechanical Engineering 397 (Topic: Assess & Curric Design in Engr) and 398S may not both be counted. Prerequisite: Graduate standing.
• 18774 W 1200 - 300P ETC 7.111 BORREGO, M

M E 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18775

M E 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18780

M E 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18785

M E 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mechanical Engineering 399R, 699R, or 999R.
• 18790

M E 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mechanical Engineering 399R, 699R, or 999R.
• 18795

M E 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mechanical Engineering 399R, 699R, or 999R.
• 18800

ORI 180M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing in operations research and industrial engineering.
• 18855

ORI 380M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing in operations research and industrial engineering.
• 18860

ORI 680M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in operations research and industrial engineering.
• 18865

ORI 980M RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in operations research and industrial engineering.
• 18870

ORI 390Q 2-PRODUCTION/INVENTORY CONTROL
Course number may be repeated for credit when the topics vary. Industrial engineering techniques for quantitative solution of contemporary systems and management problems. Issues in inventory control with known and unknown demand, materials requirement planning, just-in-time, pull control systems, operations scheduling, dispatching and aggregate planning, and the basic dynamics of production and inventory control. Prerequisite: Graduate standing and consent of instructor.
• 18875 TTH 1230 - 200P ETC 4.150 KUTANOGLU, E

ORI 390R 1-APPLIED PROBABILITY
Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics; application of these analytical methods to planning and evaluation of research and industrial experimentation. Basic probability theory, combinatorial analysis of random phenomena, conditional probability and independence, parametric families of distributions, expectation, distribution of functions of random variables, limit theorems. Prerequisite: Graduate standing, and an undergraduate calculus-based course in probability and statistics or consent of instructor.
• 18880 TTH 930 - 1100 ETC 5.132 LEIBOWICZ, B

16-MARKOV DECISION PROCESSES
Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics; application of these analytical methods to planning and evaluation of research and industrial experimentation. The theory of Markov decision processes, also known as stochastic dynamic programming. Includes finite horizon, total discounted cost, and average cost problems; continuous-time and semi-Markov models; and applications in finance, queueing, and control theory. Prerequisite: Graduate standing, and an undergraduate calculus-based course in probability and statistics or consent of instructor. Additional prerequisite: A course in stochastic processes or consent of instructor.
• 18885 TTH 930 - 1100 ETC 7.146 HASENBEIN, J

ORI 391Q 5-LINEAR PROGRAMMING
Course number may be repeated for credit when the topics vary. Mathematical optimization techniques with applications to engineering and industrial problems. Models, algorithms, and theory of linear programming. Linear programming geometry, primal, dual and revised simplex algorithms, duality theory, optimality conditions, sensitivity analyses, interior point methods, andcomputer implementations. Prerequisite: Graduate standing and a course in operations research methods.
• 18890 TTH 200 - 330P ETC 7.146 HANASUSANTO, G

6-ALGOR FOR MIXED INTEGER PROG
Course number may be repeated for credit when the topics vary. Mathematical optimization techniques with applications to engineering and industrial problems. Methods and software for solving large-scale mixed integer programming problems: intelligent heuristics, decomposition, lower bounding schemes,limited enumeration, and simple methods for quickly finding good feasible solutions. Numerous examples taken from industry. Prerequisite: Graduate standing and a course in operations research methods. Additional prerequisite: A graduate course in integer programming.
• 18895 TTH 1100 - 1230P ETC 7.111 BARD, J

ORI 397 EMERGING TOPICS IN ORIE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18900 F 200 - 500P ETC 5.132 BICKEL, J

STAT METHODS IN MANUFACTURING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with M E 379M, M E 397.
• 18905 TTH 200 - 330P ETC 4.150 DJURDJANOVIC, D

ORI 397K GRADUATE SEMINAR
Offered on the credit/no credit basis only. May be repeated for credit. Normally required of all students in operations research and industrial engineering. Prerequisite: Graduate standing.
• 18910 M 400 - 700P ETC 4.150 BICKEL, J

ORI 397M GRADUATE RESEARCH INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Students conduct research in an industrial setting to gain practical experience in their area of interest. Prerequisite: Graduate standing and consent of the graduate adviser and supervising faculty member.
• 18915

ORI 397P PROJ IN OPER RSCH & INDUS ENGR
Hour(s) to be arranged. May be repeated for credit. Independent project carried out under the supervision of a faculty member in operations research and industrial engineering. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 18920

ORI 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in operations research and industrial engineering and consent of the graduate adviser; for 698B, Operations Research and Industrial Engineering 698A.
• 18925

ORI 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For

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course	unique	days	time	room	instructor

698A, graduate standing in operations research and industrial engineering and consent of the graduate adviser; for 698B, Operations Research and Industrial Engineering 698A.
• 18930

ORI 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in operations research and industrial engineering and consent of the graduate adviser.
• 18935

ORI 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18940

ORI 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18945

ORI 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18950

ORI 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Operations Research and Industrial Engineering 399R, 699R,or 999R.
• 18955

ORI 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Operations Research and Industrial Engineering 399R, 699R,or 999R.
• 18960

ORI 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Operations Research and Industrial Engineering 399R, 699R,or 999R.
• 18965

HILDEBRAND DEPARTMENT OF PETROLEUM AND GEOSYSTEMS ENGINEERING

Petroleum and Geosystems Engineering - PGE

PGE 310 FORM & SOL OF GEOSYS ENGR PROB
Offered on the letter-grade basis only. Introduction to mathematical equations typically encountered in petroleum and geosystems engineering; methods to solve equations graphically, analytically, and with numerical methods; applications of computers to problem solving. Prerequisite: Physics 303K and 103M and credit or registration for Mathematics 427J or 427K.
• 19020 MWF 200 - 300P CPE 2.210 PRODANOVIC, M

PGE 322K TRANSPORT PHENOM IN GEOSYSTEMS
Offered on the letter-grade basis only. Applications of mass, heat, and momentum balances to fluid flow problems; shell balances; non-Newtonian fluids; transport processes through permeable media. Prerequisite: Engineering Mechanics 306, and Mathematics 427J or 427K with a grade of at least C- in each.
• 19025 TTH 200 - 330P CPE 2.204 NGUYEN, Q

PGE 323K RESERVOIR ENGR I: PRIMARY RECV
Offered on the letter-grade basis only. Classification of subsurface reservoirs by type and recovery mechanism; reserve estimates based on material balance; steady-state and transient fluid flow in permeable reservoir rocks as applied to subsurface engineering problems. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: The following with a grade of at least C-: Petroleum and Geosystems Engineering 310, 326, and 427; and credit with a grade of at least C- or registration in 322K; and credit or registration in Petroleum and Geosystems Engineering 424.
• 19030 MWF 1100 - 1200 CPE 2.204 BALHOFF, M

PGE 323L RESERVOIR ENGINEERING II
Offered on the letter-grade basis only. Introduction to reservoir displacement processes; water and gas injection; enhanced recovery. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: Credit with a grade of at least C- for Mathematics 427J or427K, Petroleum and Geosystems Engineering 310, 322K, 323K, and 424.
• 19035 MWF 200 - 300P CPE 3.159 LAKE, L

PGE 323M RESERVOIR ENGINEERING III
Offered on the letter-grade basis only. Mathematical equations governing fluid flow in reservoirs; numerical methods to solve the equations; numerical reservoir simulation; treatment of wells; history matching; a simulation project performed using a commercial simulator. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: Petroleum and Geosystems Engineering 323L with a grade of at least C-.
• 19040 TTH 930 - 1100 CPE 2.210 FOSTER, J

PGE 424 PETROPHYSICS
Offered on the letter-grade basis only. Properties of rocks; measurement and interpretation of petrophysical properties; application of petrophysics to subsurface engineering problems; interaction of resident fluids with rocks. Extensive written reporting. Prerequisite: Geological Sciences 416M or 316P, Petroleum and GeosystemsEngineering 333T and Physics 303L with a grade of at least C- and creditor registration with at least a C- for Petroleum and Geosystems Engineering 322K.
• 19045 TTH 1100 - 1230P CPE 2.204 SHARMA, M
T 800 - 1100 CPE 1.120
• 19050 TTH 1100 - 1230P CPE 2.204 SHARMA, M
TH 800 - 1100 CPE 1.120
• 19055 TTH 1100 - 1230P CPE 2.204 SHARMA, M
M 1100 - 200P CPE 1.120
• 19060 TTH 1100 - 1230P CPE 2.204 SHARMA, M
W 1100 - 200P CPE 1.120
• 19065 TTH 1100 - 1230P CPE 2.204 SHARMA, M
M 200 - 500P CPE 1.120
• 19070 TTH 1100 - 1230P CPE 2.204 SHARMA, M
T 1230 - 330P CPE 1.120

PGE 325LX COOPERATIVE ENGINEERING
Hour(s) to be arranged. This course covers the work period of petroleum engineering students in the Cooperative Engineering Program. The student must complete Petroleum and Geosystems Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Petroleum and Geosystems Engineering 325LX and appointment for a full-time cooperativework tour; for 325LZ, Petroleum and Geosystems Engineering 325LY and appointment for a full-time cooperative work tour.
• 19075

PGE 325LY COOPERATIVE ENGINEERING
Hour(s) to be arranged. This course covers the work period of petroleum engineering students in the Cooperative Engineering Program. The student must complete Petroleum and Geosystems Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Petroleum and Geosystems Engineering 325LX and appointment for a full-time cooperativework tour; for 325LZ, Petroleum and Geosystems Engineering 325LY and appointment for a full-time cooperative work tour.
• 19080

PGE 325LZ COOPERATIVE ENGINEERING
Hour(s) to be arranged. This course covers the work period of petroleum engineering students in the Cooperative Engineering Program. The student must complete Petroleum and Geosystems Engineering 325LX, 325LY, and 325LZ before a grade and degree credit are awarded. Prerequisite: For 325LX, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 325LY, Petroleum and Geosystems Engineering 325LX and appointment for a full-time cooperativework tour; for 325LZ, Petroleum and Geosystems Engineering 325LY and appointment for a full-time cooperative work tour.
• 19085

PGE 225MA COOPERATIVE ENGINEERING
Hour(s) to be arranged. Covers the work period of petroleum engineering students in the Cooperative Engineering Program. The student must complete Petroleum and Geosystems Engineering 225MA and225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Petroleum and Geosystems Engineering 225MA and appointment for a full-time cooperative work tour.
• 19090

PGE 225MB COOPERATIVE ENGINEERING
Hour(s) to be arranged. Covers the work period of petroleum engineering students in the Cooperative Engineering Program. The student must complete Petroleum and Geosystems Engineering 225MA and225MB before a grade and degree credit are awarded. Prerequisite: For 225MA, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour; for 225MB, Petroleum and Geosystems Engineering 225MA and appointment for a full-time cooperative work tour.
• 19095

PGE 125N COOPERATIVE ENGINEERING
Hour(s) to be arranged. May be repeated for credit. Covers the work period of petroleum engineering students in the Cooperative Engineering Program. Prerequisite: Petroleum and Geosystems Engineering 325L or 225M, application to become a member of the Cooperative Engineering Program, approval of the dean, and appointment for a full-time cooperative work tour.
• 19100

PGE 326 THERMODYNAMIC & PHASE BEHAVIOR
Offered on the letter-grade basis only. Basics of phase behavior, classical thermodynamics in terms of material and energy balances, and applications to changes of state of petroleum fluids. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: Chemistry 302 with a grade of at least C-, and credit witha grade of at least C- or registration for Mathematics 427J or 427K.
• 19105 TTH 930 - 1100 CPE 2.204 DICARLO, D

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course	unique	days	time	room	instructor

PGE 427 PROPERTIES OF PETROLEUM FLUIDS

Offered on the letter-grade basis only. Principles of organic chemistry, phase behavior of multicomponent mixtures, properties of hydrocarbon gases and liquids and oil field waters, overview of laboratory phase behavior measurements, and material balance calculations. Petroleum and Geosystems Engineering 312 and 427 may not both be counted. Restricted to students admitted to major sequence in geosystems engineering and hydrogeology or petroleum engineering. Prerequisite: Chemistry 302 and Petroleum and Geosystems Engineering 326with a grade of at least C- in each.

course	unique	days	time	room	instructor
PGE 427	• 19110	MWF	1100 - 1200	CPE 2.202	OKUNO, R
		M	800 - 1100	CPE 1.168	
	• 19115	MWF	1100 - 1200	CPE 2.202	OKUNO, R
		T	800 - 1100	CPE 1.168	
	• 19120	MWF	1100 - 1200	CPE 2.202	OKUNO, R
		W	800 - 1100	CPE 1.182	
	• 19125	MWF	1100 - 1200	CPE 2.202	OKUNO, R
		TH	800 - 1100	CPE 1.168	
	• 19130	MWF	1100 - 1200	CPE 2.202	OKUNO, R
		M	200 - 500P	CPE 1.168	

PGE 430 DRILLING AND WELL COMPLETIONS

Offered on the letter-grade basis only. Elements of rock mechanics, drilling fluids, factors affecting rate of penetration, and well completions, including casing and tubing design. Prerequisite: Engineering Mechanics 319 with a grade of at least C-, credit with a grade of at least C- or registration for Petroleum and Geosystems Engineering 322K.

course	unique	days	time	room	instructor
PGE 430	• 19135	MWF	1000 - 1100	CPE 2.204	BOMMER, P
		T	800 - 930	CPE 1.116	
	• 19140	MWF	1000 - 1100	CPE 2.204	BOMMER, P
		M	830 - 1000	CPE 1.116	
	• 19145	MWF	1000 - 1100	CPE 2.204	BOMMER, P
		W	830 - 1000	CPE 1.116	
	• 19150	MWF	1000 - 1100	CPE 2.204	BOMMER, P
		TH	930 - 1100	CPE 1.116	
	• 19155	MWF	1000 - 1100	CPE 2.204	BOMMER, P
		TH	1230 - 200P	CPE 1.116	
	• 19160	MWF	1000 - 1100	CPE 2.204	BOMMER, P
		T	330 - 500P	CPE 1.116	

PGE 333T ENGINEERING COMMUNICATION

Designed to accommodate 35 or fewer students. Advanced technical communication skills, with emphasis on writing strategies for technical documents, oral presentations, and visual aids. Prerequisite: Rhetoric and Writing 306 with a grade of at least C-.

course	unique	days	time	room	instructor
PGE 333T	• 19165	MWF	1000 - 1100	CPE 2.202	HEMPEL-MEDINA, D
	• 19170	MWF	100 - 200P	CPE 2.202	HEMPEL-MEDINA, D
	• 19175	MWF	200 - 300P	CPE 2.202	HEMPEL-MEDINA, D

PGE 334 RESERVOIR GEOMECHANICS

Offered on the letter-grade basis only. Basic stress and strain analysis; pore pressure and in situ stress estimation and measurement; deformation mechanisms in rock; rock fracture description and analysis; wellbore stresses and failure; wellbore stability analysis; fault stability analysis; depletion-inducedreservoir deformation; and hydraulic fracturing. Emphasis on applications to petroleum engineering. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: Engineering Mechanics 319 and Petroleum and Geosystems Engineering 301 with a grade of at least C- in each.

course	unique	days	time	room	instructor
PGE 334	• 19180	TTH	1100 - 1230P	CPE 3.159	ESPINOZA, D
		T	1230 - 230P	CPE 1.168	
	• 19185	TTH	1100 - 1230P	CPE 3.159	ESPINOZA, D
		TH	1230 - 230P	CPE 1.168	

PGE 337 INTRODUCTION TO GEOSTATISTICS

Offered on the letter-grade basis only. Basic probability and statistics, study of correlated variables, statistical interpolation and simulation, and global optimization. Emphasis is on the ways the results of these procedures are related to geology and fluid flow. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: Mathematics 408D or 408M, and Petroleum and Geosystems Engineering 310 with a grade of at least C- in each.

course	unique	days	time	room	instructor
PGE 337	• 19190	MWF	1200 - 100P	CPE 2.210	PYRCZ, M

PGE 358 PRINCIPLES FRMTN EVALUATION

Offered on the letter-grade basis only. Integrated petrophysical interpretation of well logs, core laboratory measurements, and geological data for static, dynamic, and geophysical appraisal of subsurface rock formations. Petroleum and Geosystems Engineering 358 and 368 may not both be counted. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: Credit for Geological Sciences 416M or 316P, Physics 303L and 103N and Petroleum and Geosystems Engineering 424 with a grade of atleast C-.

course	unique	days	time	room	instructor
PGE 358	• 19195	TTH	330 - 500P	CPE 3.159	HEIDARI, Z

PGE 365 RESOURCE ECONOMICS & VALUATION

Offered on the letter-grade basis only. Derivation of profitability criteria for earth resource investments, project analysis in terms of the interrelation of technical and economicfactors, investment analysis in the presence of uncertainty, and project planning. Restricted to petroleum engineering majors. Prerequisite: Petroleum and Geosystems Engineering 310 and 323K with a grade of at least C-.

course	unique	days	time	room	instructor
PGE 365	• 19200	MWF	100 - 200P	CPE 2.204	BOMMER, P

PGE 373L GEOSYS ENGR DESIGN AND ANLY

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Team-oriented design projects involving the application of geologic and engineering methods to the solution of subsurface problems, using field case histories. Projects are selected for each student based on his or her petroleum engineering technical area option. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: Petroleum and Geosystems Engineering 323K, 323L, 362, and 368 with a grade of at least C- in each.

course	unique	days	time	room	instructor
PGE 373L	• 19205	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		W	1000 - 1100	CPE 5.126	
	• 19210	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		M	1100 - 1200	CPE 5.126	
	• 19215	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		T	1100 - 1200	CPE 5.126	
	• 19220	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		W	1100 - 1200	CPE 5.126	
	• 19225	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		TH	1100 - 1200	CPE 5.126	
	• 19230	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		M	200 - 300P	CPE 5.126	
	• 19235	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		T	200 - 300P	CPE 5.126	
	• 19240	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		W	200 - 300P	CPE 5.126	
	• 19245	MWF	300 - 400P	CPE 3.159	DAIGLE, H
		W	300 - 400P	CPE 3.126	

PGE 176 SPEC PROB IN PETRO/GEOSYS ENGR

Hour(s) to be arranged. Independent investigation of an advanced subject in petroleum and geosystems engineering, for superior students only. Prerequisite: Admission to an appropriate major sequence in engineering and written consent of instructor.

course	unique	days	time	room	instructor
PGE 176	• 19250				

PGE 376 SPEC PROB IN PETRO/GEOSYS ENGR

Hour(s) to be arranged. Independent investigation of an advanced subject in petroleum and geosystems engineering, for superior students only. Prerequisite: Admission to an appropriate major sequence in engineering and written consent of instructor.

course	unique	days	time	room	instructor
PGE 376	• 19255				

PGE 379 10-ARTIFICIAL LIFT

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Special courses or seminars on recent developments in engineering. Life of a well, well testing, gas and plunger lift, progressive cavity pumps, electric submersible pumps, and beam lift. Petroleum and Geosystems Engineering 379 (Topic: Artificial Lift) and 379 (Topic 10) may not both be counted. May be used to fulfill the technical elective requirement for the Bachelor of Science in Petroleum Engineering degree. Restricted to geosystems engineering and hydrogeology and petroleum engineering majors. Prerequisite: Admission to an appropriate major sequence in engineering or consent of instructor; additional prerequisites vary with the topic. Additional prerequisite: Petroleum and Geosystems Engineering 430 and 362 with a grade of at least C-. meets with PGE 383.

course	unique	days	time	room	instructor
PGE 379	• 19260	TTH	1230 - 200P	CPE 2.210	BOMMER, P

12-BLOWOUT PREVENTION AND CTRL

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Special courses or seminars on recent developments in engineering. Background in hydrostatics, hydrodynamics, hydraulics, geomechanics, mechanical systems, and procedures as they apply to well control. Petroleum and Geosystems Engineering 379 (Topic: Blowout Prevention and Control) and 379 (Topic 12) may not both be counted. Prerequisite: Admission to an appropriate major sequence in engineering or consent of instructor; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing and Petroleum and Geosystems Engineering 430 with at least a C-.

course	unique	days	time	room	instructor
PGE 379	• 19265	TTH	930 - 1100	CPE 3.159	BOMMER, P

16-HYDRAULIC FRAC DSGN/EVAL

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Special courses or seminars on recent developments in engineering. Overview of Formation evaluation; elasticity; in situ stress calculation and measurement; fracture initiation; basic equations of fracture mechanics; 2-and-3-dimensional fracture models; fluid rheology; proppant settling; pipe friction/surface pressure calculations; treatment pressure analysis; fracture diagnostics; fracturing from horizontal and deviated wells; and treatment design and completions. Prerequisite: Admission to an appropriate major sequence in engineering or consent of instructor; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing and Petroleum and Geosystems Engineering 334 (or 432) with a grade of at least C. meets with PGE 383 (TOPIC 32).

course	unique	days	time	room	instructor
PGE 379	• 19270	TTH	200 - 330P	CPE 2.202	SHARMA, M

18-WELLBRE MECH/MNG PRESS DRIL

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Special courses or seminars on recent developments in engineering. Operational topics will draw from drilling fluids engineering; drilling system engineering; rig and wellbore hydraulics; ROP parameters and drilling optimizations; wellbore stability; fracture and pore pressure gradients; mud weight windows; in-situ and near-wellbore stress states; lost circulation; pressure control; pipe sticking; and other situations common to drilling operations. Petroleum and Geosystems Engineering 379 (Topic: Wellbore Mechanics and Managed Pressure Drilling) and 379 (Topic 18) may not both be counted. Prerequisite: Admission to an appropriate major sequence in engineering or consent of instructor; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing and Petroleum and Geosystems Engineering 430.

course	unique	days	time	room	instructor
PGE 379	• 19275	MW	1200 - 130P	CPE 3.159	GRAY, K

March 3, 2018

course	unique	days	time	room	instructor

PGE 679HA UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Petroleum and Geosystems Engineering 679HA and enrollment in the Engineering Honors Program.
• 19280

PGE 679HB UNDERGRADUATE HONORS THESIS
Hour(s) to be arranged. Research performed during two consecutive semesters under the supervision of an engineering faculty member; topics are selected jointly by the student and the faculty member with approval by the director of the Engineering Honors Program. The student makes an oral presentation and writes a thesis. Students pursuing both the Bachelor of Arts, Plan II, and a bachelor's degree in engineering may use this course to fulfill the thesis requirement for the Bachelor of Arts, Plan II. Prerequisite: For 679HA, enrollment in the Engineering Honors Program; for 679HB, Petroleum and Geosystems Engineering 679HA and enrollment in the Engineering Honors Program.
• 19285
• 19290

PGE 380 ADV PETROL LAB MASTER DEG CAND
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and twelve semester hours of upper-division coursework in petroleum and geosystems engineering.
• 19295

PGE 680 ADV PETROL LAB MASTER DEG CAND
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and twelve semester hours of upper-division coursework in petroleum and geosystems engineering.
• 19300

PGE 381 DRILLING ENGINEERING
Basic drilling terminology and advanced drilling engineering topics. Required for students pursuing the doctoral degree in petroleum engineering. Not open to students who have a degree in petroleum engineering. Prerequisite: Graduate standing in petroleum engineering.
• 19305 TTH 1230 - 200P CPE 2.202 VAN OORT, E

PGE 381K ENGINEERING ANALYSIS
Application of classical methods of mathematical analysis to problems frequently encountered in engineering applications. Prerequisite: Graduate standing.
• 19310 MWF 1000 - 1100 CPE 2.210 SEPEHRNOORI, K

PGE 381L ADVANCED PETROPHYSICS
Measurement, interpretation, and analysis of petrophysical properties ofpetroleum reservoir rocks. Prerequisite: Graduate standing.
• 19315 MWF 100 - 200P CPE 2.210 DAIGLE, H

PGE 381M TRANSPORT PHENOMENA
Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences.
• 19320 MWF 900 - 1000 CPE 2.202 PRODANOVIC, M

PGE 382K THRY/APPL OF RESERVOIR TRANSNT
Mathematical development and application of multiple pressure transientsin well and reservoir systems. Prerequisite: Graduate standing.
• 19325 F 300 - 600P CPE 2.202 HAYNES, B

PGE 383 ADVANCED GEOMECHANICS
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences. Students seeking to enroll in any seminar must present technical prerequisites satisfactory to the instructor.
• 19330 TTH 200 - 330P CPE 3.159 ESPINOZA, D

ARTIFICIAL LIFT
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences. Students seeking to enroll in any seminar must present technical prerequisites satisfactory to the instructor. meets with PGE 379 (TOPIC 10).
• 19335 TTH 1230 - 200P CPE 2.210 BOMMER, P

BLOWOUT PREVENTION AND CONTROL
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences. Students seeking to enroll in any seminar must present technical prerequisites satisfactory to the instructor.
• 19340 TTH 930 - 1100 CPE 3.159 BOMMER, P

FINITE ELEMENT METHODS
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences. Students seeking to enroll in any seminar must present technical prerequisites satisfactory to the instructor. meets with E M 394F, ASE 384P (TOPIC 4), CSE 393F.
• 19345 MW 300 - 430P GDC 2.402 WHEELER, M

FORWARD/INVERS PROBS WELL LOG
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences. Students seeking to enroll in any seminar must present technical prerequisites satisfactory to the instructor.
• 19350 TTH 330 - 500P CPE 2.202 TORRES-VERDIN, C

WELLBORE MECH/MANAG PRESS DRIL
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences. Students seeking to enroll in any seminar must present technical prerequisites satisfactory to the instructor.
• 19355 MW 930 - 1100 CPE 3.159 GRAY, K

32-HYDRAULIC FRACT DSGN & EVAL
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences. Students seeking to enroll in any seminar must present technical prerequisites satisfactory to the instructor. meets with PGE 379 (TOPIC 16).
• 19360 TTH 200 - 330P CPE 2.202 SHARMA, M

PGE 385K ADV MULTI-WELL FORMATION EVAL
Offered on the letter-grade basis only. Advanced concepts in formation evaluation for the estimation of static and dynamic petrophysical properties of rocks from well logs, core data, and geological information. Multi-well data sets, seismic amplitude data, and regional geological studies are used to construct hydrocarbon reservoir models amenable to production forecast and improved development of available reserves. Prerequisite: Graduate standing and a course in fundamentals of well logging.
• 19365 TTH 1100 - 1230P CPE 2.202 HEIDARI, Z

PGE 388 ADVANCED RESERVOIR ENGINEERING
Basic concepts of reservoir engineering, with applications to the production of hydrocarbons from both gas and oil reservoirs. Examines the governing equations for flow in permeable media, as well as concepts such as streamline flow; pseudo-steady-state flow, fractional flow, and both immiscible and miscible flow. Uses black oil and compositional reservoir simulators. Prerequisite: Graduate standing in computational and applied mathematics, engineering, or geological sciences. Students must present technical prerequisites satisfactory to the instructor.
• 19370 TTH 930 - 1100 CPE 2.202 MOHANTY, K

PGE 290 ADV LAB FOR DOCTORAL CANDIDATE
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in petroleum engineering.
• 19375

PGE 390 ADV LAB FOR DOCTORAL CANDIDATE
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in petroleum engineering.
• 19380

PGE 690 ADV LAB FOR DOCTORAL CANDIDATE
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in petroleum engineering.
• 19385

PGE 990 ADV LAB FOR DOCTORAL CANDIDATE
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in petroleum engineering.
• 19390

PGE 393 RESEARCH SEMINAR
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with PGE 393.
• 19395 M 300 - 400P CPE 2.204 BALHOFF, M
• 19400 M 300 - 400P CPE 2.204 DAIGLE, H
• 19405 M 300 - 400P CPE 2.204 DICARLO, D
• 19410 M 300 - 400P CPE 2.204 ESPINOZA, D
• 19415 M 300 - 400P CPE 2.204 FOSTER, J
• 19420 M 300 - 400P CPE 2.204 GRAY, K
• 19425 M 300 - 400P CPE 2.204 HEIDARI, Z
• 19430 M 300 - 400P CPE 2.204 LAKE, L
• 19435 M 300 - 400P CPE 2.204 MOHANTY, K
• 19440 M 300 - 400P CPE 2.204 NGUYEN, Q
• 19445 M 300 - 400P CPE 2.204 OKUNO, R
• 19450 M 300 - 400P CPE 2.204 OLSON, J
• 19455 M 300 - 400P CPE 2.204 POPE, G
• 19460 M 300 - 400P CPE 2.204 PRODANOVIC, M
• 19465 M 300 - 400P CPE 2.204 PYRCZ, M
• 19470 M 300 - 400P CPE 2.204 SEPEHRNOORI, K
• 19475 M 300 - 400P CPE 2.204 SHARMA, M
• 19480 M 300 - 400P CPE 2.204 TORRES-VERDIN, C
• 19485 M 300 - 400P CPE 2.204 VAN OORT, E
• 19490 M 300 - 400P CPE 2.204 WHEELER, M

April 3, 2018

PGE 397M GRADUATE RESEARCH INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. For students holding Master of Science degrees from other institutions who wish to pursue Doctor of Philosophy degrees at the University of Texas at Austin. Prerequisite: Graduate standing and consent of the graduate adviser and the dean of the Cockrell School of Engineering.
• 19495

PGE 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in petroleum engineering and consent of the graduate adviser; for 698B, Petroleum and Geosystems Engineering 698A.
• 19500

PGE 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in petroleum engineering and consent of the graduate adviser; for 698B, Petroleum and Geosystems Engineering 698A.
• 19505

PGE 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in petroleum engineering and consent of the graduate adviser.
• 19510

PGE 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19515

PGE 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19520

PGE 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19525

PGE 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Petroleum and Geosystems Engineering 399R, 699R, or 999R.
• 19530

PGE 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Petroleum and Geosystems Engineering 399R, 699R, or 999R.
• 19535

PGE 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Petroleum and Geosystems Engineering 399R, 699R, or 999R.
• 19540

COLLEGE OF FINE ARTS

FINE ARTS

Fine Arts - F A

F A 308 ARTS INTEGRATIONS FOR MULTIDIS
Offered on the letter-grade basis only. Through readings, videos, in-class activities, discussion, field trips, micro-teaching, and written reflection, designed to develop a practical understanding of the techniques and skills associated with integrating the arts into various contexts. Provides experience in each art content area (dance, music, theatre arts, and visual arts) to develop an introductory understanding of each of these disciplines.
• 19595 MW 200 - 330P DOSSETT, L

F A 140 FINE ARTS INTERNSHIP-WB
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Designed to establish the academic foundations of an internship course in the fine arts. Integration of knowledge derived from academic studiescompiled with the experiences gained in an internship setting. Requires completion of a minimum of fifty hours of satisfactory on-site work per credit hour earned. Restricted to students in the College of Fine Arts. Prerequisite: Upper-division standing, a University grade point average of at least 2.50, and consent of instructor. Taught as a Web-based course.
• 19600 MUNNELLY, K

F A 340 FINE ARTS INTERNSHIP-WB
Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Designed to establish the academic foundations of an internship course in the fine arts. Integration of knowledge derived from academic studiescompiled with the experiences gained in an internship setting. Requires completion of a minimum of fifty hours of satisfactory on-site work per credit hour earned. Restricted to students in the College of Fine Arts. Prerequisite: Upper-division standing, a University grade point average of at least 2.50, and consent of instructor. Topic description: Establish academic foundations of an internship course in the fine arts. Integrate knowledge from academic studies with experiences gained in an internship setting. Taught as a Web-based course.
• 19605 MUNNELLY, K

F A 362 FOUNDATIONS OF ARTS MANAGEMENT
Offered on the letter-grade basis only. Overview of issues in the management of contemporary arts organizations in both internal functions and relations with external constituencies. Explores organizational creation, leadership, mission development, funding, audience development, evaluation, community relations, and the policy environment. Only one of the following may be counted: Fine Arts 362, 381 (Topic: Foundations of Arts Management), 383. meets with F A 383.
• 19610 TTH 930 - 1100 DFA 4.112 MUNNELLY, K

F A 364 DEVLPG/REACHG AUDIENCES
Offered on the letter-grade basis only. Focus on central issues faced by arts and organizations with respect to audience development and engagement. Explores different models and techniques adopted by organizations with respect to audience and community engagement, and fundamentals of marketing for arts organizations. Prerequisite: Upper-division standing. meets with F A 381.
• 19615 TTH 330 - 500P MRH 2.604 HINSLEY, M

F A 170 LONGHORN STARTUP SEMINAR
Offered on the letter-grade basis only. Focus on skill development and mentoring in start-up formation, technology development, market validation, marketing, sales, operations,human resources, program management, and finance. Includes discussion of intellectual property, social issues in design, as well as ethical and safety considerations. Emphasis on written and oral presentation of start-up activities. Only one of the following may be counted: Biomedical Engineering 177T, 277T, 377T (Topic: Longhorn Startup Seminar), Computer Science 178, 378 (Topic: Longhorn Startup Seminar), Engineering Studies 177, 277, 377 (Topic: Longhorn Startup Seminar), 177, 277, 377 (Topic 1), Fine Arts 160, 260, 360 (Topic: Longhorn Startup Seminar), 170, 270, 370. Prerequisite: Consent of instructor. meets with MAN 137, E S 177, COM 125, C S 178.
• 19620 TH 600 - 800P GDC 2.216 BAER, J

F A 371 BUSINESS OF PRODUCING
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Focused and in-depth study of selected topics in the management and administration of artistic ventures in the commercial, not-for-profit, and/or public sectors.
• 19624 M 500 - 800P CLA 0.112 DAVISON, N

F A 381 DEVLPG/REACHG AUDIENCES
Course number may be repeated for credit when the topics vary. Topics within the fine arts, or including the fine arts and other areas. Prerequisite: Graduate standing. meets with F A 364.
• 19625 TTH 330 - 500P MRH 2.604 HINSLEY, M

F A 383 FOUNDATIONS OF ARTS MGMT
Overview of issues in the management of contemporary arts organizations in both internal functions and relations with external constituencies. Explores organizational creation, leadership, mission development, funding, audience development, evaluation, community relations, and the policy environment. Only one of the following may be

April 3, 2018

course	unique	days	time	room	instructor

counted: Fine Arts 362, 381 (Topic: Foundations of Arts Management), 383. Prerequisite: Graduate standing. meets with F A 362.

	• 19630	TTH	930 - 1100	DFA 4.112	MUNNELLY, K

F A 184 GRAD FINE ARTS INTERNSHIP-WB

Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Designed to establish the academic foundations of an internship course in the fine arts. Integration of knowledge derived from academic studieswill combine with the experiences gained in an internship setting. Requires completion of a minimum of fifty hours of satisfactory on-site work per credit hour earned. Restricted to students in the College of Fine Arts. Prerequisite: Graduate standing, a University grade point average of at least 2.50, and consent of instructor. Taught as a Web-based course.

	• 19635				MUNNELLY, K

F A 384 GRADUATE FINE ARTS INTRNSHP-WB

Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Designed to establish the academic foundations of an internship course in the fine arts. Integration of knowledge derived from academic studieswill combine with the experiences gained in an internship setting. Requires completion of a minimum of fifty hours of satisfactory on-site work per credit hour earned. Restricted to students in the College of Fine Arts. Prerequisite: Graduate standing, a University grade point average of at least 2.50, and consent of instructor. Taught as a Web-based course.

	• 19640				MUNNELLY, K

DEPARTMENT OF ART AND ART HISTORY

Art Education - AED
Art History - ARH
Studio Art - ART
Visual Art Studies - VAS

AED 383J MUSEUM EDUCATN: HIST AND THRY

Historical and philosophical development of American art museum education. Prerequisite: Graduate standing and consent of instructor.

	• 19695	TH	100 - 400P	ART 3.408	LITTLE, R

AED 385 INDEPENDENT STUDY IN ART EDUC

Hour(s) to be arranged. May be repeated for credit. Student-initiated study with an art education faculty member covering the topic of student's research focus. Prerequisite: Graduate standing in art education, written approval of the designated faculty member, and consent of the graduate adviser.

	• 19700				

AED 386 INTERNSHIP AND FIELD STUDY

Hour(s) to be arranged. May be repeated for credit. Supervised observation and research in art education related to the candidate's area of emphasis. Prerequisite: Graduate standing, written approval of designated faculty member, and consent of the graduate adviser.

	• 19705				

AED 387D PROG DEV COMMUN-BASED ART EDUC

Students examine the process of establishing an exemplary community-based art program; conduct ethnographic research and write grant proposals toward the creation of an ideal community-based art program or the improvement of an existing program; and develop operational activities and explore various approaches to art production to prepare for implementing a program. Prerequisite: Graduate standing and consent of instructor.

	• 19710	W	200 - 500P	ART 3.410	ADEJUMO, C

AED 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in art education; Art Education 382G and 382H; eighteen semester hours of coursework in art education, art history, or studio art; and consent of the graduate adviser; for 698B, Art Education 698A.

	• 19715				

AED 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in art education; Art Education 382G and 382H; eighteen semester hours of coursework in art education, art history, or studio art; and consent of the graduate adviser; for 698B, Art Education 698A.

	• 19720				

ARH 301 INTRODUCTION TO VISUAL ARTS

A broad survey of selected traditions of art with an emphasis upon understanding their visual elements and cultural significance.

	• 19775	MWF	900 - 1000	ART 1.120	
	• 19780	TTH	500 - 630P	ART 1.110	

INTRODUCTION TO VISUAL ARTS

A broad survey of selected traditions of art with an emphasis upon understanding their visual elements and cultural significance. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.

	• 19785	MW	1000 - 1100		JOHNS, A
		F	1000 - 1100		
	• 19790	MW	1000 - 1100		JOHNS, A
		T	1100 - 1200		
	• 19795	MW	1000 - 1100		JOHNS, A
		W	1100 - 1200		
	• 19800	MW	1000 - 1100		JOHNS, A
		TH	1100 - 1200		
	• 19805	MW	1000 - 1100		JOHNS, A
		F	1100 - 1200		
	• 19810	MW	1000 - 1100		JOHNS, A
		T	1200 - 100P		
	• 19815	MW	1000 - 1100		JOHNS, A
		W	1200 - 100P		
	• 19820	MW	1000 - 1100		JOHNS, A
		TH	1200 - 100P		
	• 19825	MW	1000 - 1100		JOHNS, A
		T	100 - 200P		
	• 19830	MW	1000 - 1100		JOHNS, A
		W	100 - 200P		
	• 19835	MW	1000 - 1100		JOHNS, A
		TH	100 - 200P		
	• 19840	MW	1000 - 1100		JOHNS, A
		T	200 - 300P		
	• 19845	MW	1000 - 1100		JOHNS, A
		W	200 - 300P		
	• 19850	MW	1000 - 1100		JOHNS, A
		TH	200 - 300P		
	• 19855	MW	1000 - 1100		JOHNS, A
		T	300 - 400P		
	• 19860	MW	1000 - 1100		JOHNS, A
		W	300 - 400P		
	• 19865	MW	1000 - 1100		JOHNS, A
		TH	300 - 400P		
	• 19870	MW	1000 - 1100		JOHNS, A
		T	400 - 500P		
	• 19875	MW	1000 - 1100		JOHNS, A
		W	400 - 500P		
	• 19880	MW	1000 - 1100		JOHNS, A
		TH	400 - 500P		

ARH 302 SURV ANCIENT THRU MEDIEVAL ART

A study of selected visual works throughout the world from prehistoric time to 1400 CE.

	• 19885	MWF	1200 - 100P	ART 1.120	

SURV ANCIENT THRU MEDIEVAL ART

Designed to accommodate 100 or more students. A study of selected visual works throughout the world from prehistoric time to 1400 CE.

	• 19890	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		T	1000 - 1100	ART 2.208	
	• 19895	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		F	1000 - 1100	ART 2.208	
	• 19900	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		F	1100 - 1200	ART 2.208	
	• 19905	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		TH	1200 - 100P	ART 2.208	
	• 19910	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		F	1200 - 100P	ART 2.208	
	• 19915	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		TH	100 - 200P	ART 2.208	
	• 19920	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		F	100 - 200P	ART 2.208	
	• 19925	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		TH	200 - 300P	ART 2.208	
	• 19930	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		F	200 - 300P	ART 2.208	
	• 19935	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		TH	300 - 400P	ART 2.208	
	• 19940	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		F	300 - 400P	ART 2.208	
	• 19945	TTH	1100 - 1200	ART 1.102	PAPALEXANDROU, A
		TH	400 - 500P	ART 2.208	

ARH 303 SURV OF RENAIS THRU MODERN ART

A study of selected visual works throughout the world from 1400 CE to the present.

	• 19950	TTH	330 - 500P	ART 1.110	
	• 19955	MW	400 - 530P	ART 1.120	

ARH 304 ISSUES IN VISUAL CULTURE

Examines the modern and contemporary history of art and visual culture in relation to a broader set of problems fundamental to visual representation throughout the history of art. Restricted to majors in the Department of Art and Art History.

	• 19960	TTH	1230 - 130P		REYNOLDS, A
		F	1000 - 1100	ART 3.432	
	• 19965	TTH	1230 - 130P		REYNOLDS, A
		F	1100 - 1200	ART 3.432	
	• 19970	TTH	1230 - 130P		REYNOLDS, A
		F	1200 - 100P	ART 3.432	
	• 19975	TTH	1230 - 130P		REYNOLDS, A
		F	100 - 200P	ART 3.432	

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course	unique	days	time	room	instructor
	• 19980	TTH	1230 - 130P		REYNOLDS, A
		F	200 - 300P	ART 3.432	
	• 19985	TTH	1230 - 130P		REYNOLDS, A
		F	300 - 400P	ART 3.432	

ARH 321 PROBLEMS ART HISTORICAL RSCH

Hour(s) to be arranged. Focus on developing research skills. Introduction to critical analysis in the context of using various resources and primary materials. Restricted to art history majors.

• 19990 WALDMAN, L

ARH 322 ISS EXHBT/COLLECTN VIS ARTS

Examines the histories and practices of collections and exhibitions in the visual arts.

• 19995 F 1200 - 300P DFA 2.106 RUNGGALDIER, A

ARH 326K MYTH/IMAGE GREEK/ROMN MEDITER

Examines various methods of interpretation, such as archaeological and art historical analysis of mythical Greek and Roman narratives as they appear in visual arts of antiquity. Only one of the following may be counted: Art History 326K, 362 (Topic: Myth in Images in Classical Antiquity), Classical Civilization 340 (Topic: Myth in Images in Classical Antiquity).

• 20000 TTH 500 - 630P DFA 2.204 PAPALEXANDROU, A

ARH 328J ARTS OF ISLAM, 650-1500

Early Islamic art and architecture, with an emphasis on interconnectionsbetween the Islamic world and Europe. Examines unique ways Islamic visual culture developed out of the classical and late antique world. Artworks will be contextualized within early Islamic history, religion, and culture. Only one of the following may be counted: Art History 328J, 363 (Topic: Arts of Islam: Caliphs-Sultans), Islamic Studies 372 (Topic: Arts of Islam: Caliphs-Sultans), Middle Eastern Languages and Cultures 321 (Topic: Arts of Islam: Caliphs-Sultans), Middle Eastern Studies 321K (Topic: Arts of Islam: Caliphs-Sultans), 328 (Topic: Arts of Islam: Caliphs-Sultans), 342 (Topic: Arts of Islam: Caliphs-Sultans), Religious Studies 358 (Topic: Arts of Islam: Caliphs-Sultans), 358 (Topic 17). same as R S 358 (TOPIC 17).

• 20005 MWF 200 - 300P DFA 2.204 MULDER, S

ARH 329N ART AND ARCH OF LATE ANTIQUITY

Examination of early Christian and late Roman art and architecture, including related traditions, such as Jewish, Coptic, Armenian, Georgian, Persian,and Syriac. Only one of the following may be counted: Art History 329N, 362R (Topic:Art and Architecture of Late Antiquity), Classical Civilization 340 (Topic: Art and Architecture of Late Antiquity).

• 20010 MWF 1000 - 1100 DFA 2.204 PEERS, G

ARH 331P ART/CITY IN RENAISSANCE ITALY

Art, architecture, and emerging civic identity in Florence, Siena, Venice, and other Italian Renaissance city-states. Only one of the following may be counted: Art History 331P, 364 (Topic: Art and the City in Renaissance Italy), Core Texts and Ideas 375 (Topic:Art and the City in Renaissance Italy), 375 (Topic 4), European Studies 347 (Topic: Art and the City in Renaissance Italy), 347 (Topic 33), Italian Civilization 349 (Topic: Art and the City in Renaissance Italy),Western Civilization 320 (Topic: Art and the City in Renaissance Italy). same as CTI 375 (TOPIC 4), EUS 347 (TOPIC 33).

• 20015 MWF 1200 - 100P DFA 2.204 JOHNS, A

ARH 333L REMBRT/RUBENS: N BAROQ ART

Northern European art in the seventeenth century, stressing the Netherlands and Flanders. Only one of the following may be counted: Art History 333L, European Studies 347 (Topic: The Age of Rembrandt and Rubens: Northern Baroque Art), 347 (Topic 31), Religious Studies 357 (Topic: The Age of Rembrandt and Rubens: Northern Baroque Art), 357 (Topic 11). same as EUS 347 (TOPIC 31), R S 357 (TOPIC 11).

• 20020 MWF 900 - 1000 DFA 2.204 SMITH, J

ARH 337K 20TH-CEN EUROPEAN ART TO 1940

Major movements in the development of modern European painting and sculpture. meets with EUS 347.

• 20025 TTH 1230 - 200P DFA 2.204 HENDERSON, L

ARH 339M AMERICAN ART, 1958-1985

Survey of major movements from 1958 to 1985, from pop art to graffiti art and new expressionism. meets with AMS 325.

• 20030 TTH 930 - 1100 ART 1.110 CLARKE, J

ARH 341K MODERN ART OF MEXICO

Mexican visual culture from the late nineteenth century through 1968. Emphasis on the emergence of modernist avant-gardes and popular entertainment, and their ambivalent relationship to state, church, and market. Also explores how self-consciously negotiating the tension between native and international influences, artists, critics, and curators contributes to notions of Lo Mexicano, or "Mexicanness." Art History 341K and Latin American Studies 327 (Topic 2) may not both be counted. same as LAS 327 (TOPIC 2).

• 20035 TTH 1100 - 1230P DFA 2.204 FLAHERTY, G

ARH 341N OTHER MODERNITIES LATIN AM ART

Development and sources of twentieth-century art in the Caribbean and Central and South America. Only one of the following may be counted: Art History 341N, 361 (Topic: Other Modernities: Latin American Art), Latin American Studies 327 (Topic: Other Modernities: Latin American Art), Mexican American Studies 374 (Topic: Other Modernities: Latin American Art).

• 20040 MWF 200 - 300P DFA 2.204 NELSON, A

ARH 346L AFRICANA WOMEN'S ART

Analysis of the diverse modes of presentation, mediums, definitions, andinfluences of Africana women artists in the diaspora. Designed to use critical theory and art history found in oral and written literatures, music, films, and other formal and informal documents. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Africana Women's Art), 374F (Topic 9), Art History 346L, 373C (Topic: Africana Women's Art), Women's and Gender Studies 340 (Topic: Africana Women's Art), 340 (Topic 46). Prerequisite: Upper-division standing. same as AFR 374F (TOPIC 9), WGS 340 (TOPIC 46).

• 20045 TTH 930 - 1100 DFA 2.204 OKEDIJI, M

ARH 347K ART/ARCHAEOL OF ANC PERU

The growth of civilization in South America from the earliest decorated textiles, pottery, and ceremonial buildings to the imperial Inca style. Art History 347K and Latin American Studies 327 (Topic 6) may not both be counted. same as LAS 327 (TOPIC 6).

• 20050 MWF 1000 - 1100 DFA 2.204 RUNGGALDIER, A

ARH 362 ART & POLIT IN REPUBLICAN ROME

Course number may be repeated for credit when the topics vary.

• 20055 TTH 330 - 500P DFA 2.204 DAVIES, P

LOVE, BEAUTY, AND PROTECTION

Course number may be repeated for credit when the topics vary. Topic title: Love, beauty, and protection in the art of Greece and Rome sexual representation in its social and archaeological contexts, ca. 500 B.C.-A.D. 250. meets with WGS 345.

• 20060 TTH 200 - 330P DFA 2.204 CLARKE, J

ARH 366J GOYA IN CONTEXT

Course number may be repeated for credit when the topics vary.

• 20065 M 300 - 600P ART 3.432 CHARLESWORTH, M

LANDSCAPE IN EUROPE

Course number may be repeated for credit when the topics vary.

• 20070 TTH 500 - 630P DFA 4.112 CHARLESWORTH, M

ARH 374 MAKING AFRICAN ART

Course number may be repeated for credit when the topics vary.

• 20075 TTH 200 - 330P ART 1.110 OKEDIJI, M

ARH 375 THRY MTHD HISTORY OF ART

Examination of the theories and methods used by art historians and the changing nature of art historical inquiry. Restricted to art history majors. Prerequisite: Upper-division standing in art history, Art History 321 with a grade of at least C, and consent of the departmental undergraduate adviser.

• 20080 TTH 1230 - 200P ART 3.433 GUERNSEY, J

ARH 376 READING TUTORIAL IN ARH PROBS

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: For majors in the Department of Art and Art History, six semester hours of upper-division art history, a grade point average of at least 3.00, and consent of instructor; for others, a grade point average of at least 3.00, and consent of instructor.

• 20085

ARH 379H THESIS COURSE FOR DEPT HONORS

Hour(s) to be arranged. Individual conference course in which student researches and writes a thesis. Prerequisite: Admission to the Honors Program in Art History, and approval of the honors adviser.

• 20090

ARH 382 ART OF ROMAN DICTATORSHIP

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.

• 20095 W 900 - 1200 ART 3.432 DAVIES, P

ARH 383 THE ALTAR

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.

• 20100 T 200 - 500P DFA 2.506 HOLLADAY, J

ARH 384 BOSCH AND BRUEGEL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.

• 20105 M 1200 - 300P ART 3.432 SMITH, J

ARH 386P ARCHIVES/HIST EVERYDAY LIFE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.

• 20110 W 1200 - 300P ART 3.432 REYNOLDS, A

WRITING ABT CONTEMP ART

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.

• 20115 T 330 - 630P ART 3.432 SHIFF, R

ARH 387 THEORIES OF ART IDENTITY

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser. meets with AFR 387D, WGS 393.

• 20120 T 930 - 1230P CMA 3.108 SMITH, C

Work in Progress

course	unique	days	time	room	instructor

ARH 390 VISIBLE SPEECH:ART OF WRITING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.

• 20125	T	900 - 1200	ART 3.432	STUART, D

ARH 394 ISLAMIC ORNAMENT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.

• 20130	F	1000 - 100P	ART 3.432	MULDER, S

ARH 395 RSCH MTHDS IN HISTRY OF ART
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.

• 20135	TH	1230 - 330P	ART 3.432	FLAHERTY, G

ARH 396 ADVANCED READING TUTORIAL
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 20140

ARH 396C READING TUTORIAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 20145

ARH 396K ADVANCED LECTURE TUTORIAL
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 20150

ARH 396P QUALIFYING EXAM PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 20155

ARH 397 DOCTORAL COLLOQUIUM
Hour(s) to be arranged. Offered on the letter-grade basis only. Conference course for students preparing for dissertation colloquium. May not be repeated for credit. Prerequisite: Graduate standing, admission to the doctoral program in art history, and consent of instructor.
• 20160

ARH 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in art history and consent of the graduate adviser; for 698B, Art History 698A.
• 20165

ARH 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in art history and consent of the graduate adviser; for 698B, Art History 698A.
• 20170

ARH 398T SUPV TEACHING IN ART HISTORY
Additional hour(s) to be arranged. Teaching under the close supervision of the course instructor for one semester; weekly group meetings with the instructor, individual consultations, and reports throughout the teaching period. Prerequisite: Graduate standing in art history, or graduate standing and appointment as a teaching assistant.

• 20175			ART 3.432	STUART, D

ARH 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 20180

ARH 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 20185

ARH 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 20190

ARH 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Art History 399R, 699R, or 999R.
• 20195

ARH 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Art History 399R, 699R, or 999R.
• 20200

ARH 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Art History 399R, 699R, or 999R.
• 20205

ART 301C CORE STUDIO I
Offered on the letter-grade basis only. Required core studio class with emphasis on creating planar works and exploring formal principles and conceptual concerns through work in traditional and digital media. Collaborative and technology-based projects will allow students to envision and understand planar works in a contemporary context. If there are spaces available on the fourth class day in the spring or fall semester or the second class day in either summer session, non-departmental majors may register for undergraduate studio art classes. Prior experience in the subject is expected. Restricted to art history, design, studio art, and visual art studies majors.

• 20260	MW	800 - 1100		
• 20265	MW	800 - 1100	ART 3.210	
• 20270	MW	800 - 1100	ART 3.214	
• 20275	MW	800 - 1100	ART 4.202	
• 20280	TTH	800 - 1100	ART 3.210	
• 20285	TTH	800 - 1100	ART 3.214	
• 20290	TTH	800 - 1100	ART 4.202	
• 20295	TTH	800 - 1100	ART 4.206	
• 20300	MW	530 - 830P	ART 3.210	
• 20305	MW	530 - 830P	ART 3.214	
• 20310	MW	530 - 830P	ART 4.202	
• 20315	MW	530 - 830P	ART 4.206	

ART 302C CORE STUDIO II
Offered on the letter-grade basis only. Required core studio class with an emphasis on traditional and digital drawing. Focus on line, line weight, continuous line, contour line, sighting, figure, gesture, perspective (two point, three point, and isometric/orthogonal drawing), value, color, and texture. Collaborative and technology-based projects will allow students to envision and understand drawing in a contemporary context. If there are spaces available on the fourth class day in the spring or fall semester or the second class day in either summer session, non-departmental majors may register for undergraduate studio art classes. Prior experience in the subject is expected. Restricted to art history, design, studio art, and visual art studies majors.

• 20320	MW	200 - 500P	ART 3.210	
• 20325	MW	200 - 500P	ART 3.214	
• 20330	MW	200 - 500P	ART 4.202	
• 20335	MW	200 - 500P	ART 4.206	
• 20340	TTH	200 - 500P		
• 20345	TTH	200 - 500P	ART 3.210	
• 20350	TTH	200 - 500P	ART 3.214	
• 20355	TTH	200 - 500P	ART 4.202	
• 20360	TTH	530 - 830P	ART 3.210	
• 20365	TTH	530 - 830P	ART 3.214	
• 20370	TTH	530 - 830P	ART 4.202	
• 20375	TTH	530 - 830P	ART 4.206	

ART 310P INTRODUCTION TO PRINT
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Introduction to the concepts, methods, and materials of print including a combination of intaglio, relief, lithography, serigraphy, and/or book arts. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.

• 20380	MW	200 - 500P	ART 2.210	CURTIS, C

ART 311K PAINTING I
Offered on the letter-grade basis only. Introduction to painting techniques, composition, and exploration of personal expression. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.

• 20385	MW	200 - 500P	ART 4.210	SUTHERLAND, D

ART 313K BEGINNING SCULPTURE
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Introduction to the processes involved in the production of object-oriented sculpture using direct methods of hot and cold construction. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.

• 20390	MW	800 - 1100	ART 2.410	STONEY, J
• 20395	TTH	800 - 1100	ART 2.410	SAWYER, M

ART 315K BEGINNING DRAWING
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Exploration of various methods, subjects, and expressive possibilities in drawing. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.

• 20400	MW	800 - 1100	ART 4.206	CANRIGHT, S

ART 316K BEGINNING LIFE DRAWING
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Problems in drawing and construction of the human figure in selected media. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.

• 20405	TTH	200 - 500P	ART 4.220	AWAI, N

ART 317C TRANSMEDIA: PERFORMNC ART I
Additional hour(s) to be arranged. Offered on the letter-grade basis only. An introduction to the practice, history, and theory of performance art in a variety of contexts and spaces, including theatrical, the white cube, and the workaday world. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.

• 20410	TTH	200 - 500P	ART 3.206	SMITH, M

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course	unique	days	time	room	instructor

ART 317K BEGINNING PHOTOGRAPHY
Additional hour(s) to be arranged. Offered on the letter-grade basis only. An introduction to still photography, including basic technical skills and concepts. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.
• 20415 TTH 800 - 1100 ART 2.204 STEPPE, A

ART 320F DIGITAL FABRICATION I
Offered on the letter-grade basis only. Study of the artistic culture and techniques associated with digital visualization, three dimensional data acquisition, and various forms of digital fabrication including 3D Printing, CNC Milling, and Laser Cutting. Restricted to art history, design, studio art, and visual art studies majors. Prerequisite: Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each. meets with ART 340F, ART 390.
• 20420 TTH 800 - 1100 ART 2.402 MCMASTER, R

ART 321K PAINTING II
Offered on the letter-grade basis only. May be repeated for credit. Problems in composition and exploration of personal expression. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 311K with a grade of at least C; for others, consent of instructor.
• 20425 MW 200 - 500P ART 4.216 CANRIGHT, S

ART 322K INTERMEDIATE DRAWING
Offered on the letter-grade basis only. May be repeated for credit. Continuation of Studio Art 315K. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 315K with a grade of at least C; for others, consent of instructor. meets with ART 368N.
• 20430 TTH 200 - 500P ART 4.206 YANCEY, J

ART 323K INTERMEDIATE SCULPTURE
Offered on the letter-grade basis only. May be repeated for credit. Exploration of the concepts and processes involved in the production of object-oriented sculpture, with emphasis on indirect methods of mold-making and casting. Encourages individual direction. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 313K with a grade of at least C; for others, consent of instructor. meets with ART 363K.
• 20435 TTH 1100 - 200P ART 2.410 SAWYER, M

ART 323S INSTALLATION SCULPTURE
Offered on the letter-grade basis only. May be repeated for credit. Exploration of the theories and methods involved in the production of installation sculpture through the investigation of form and space and of their function in transforming environmental, architectural, or invented sites. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 313K with a grade of at least C; for others, consent of instructor.
• 20440 MW 600 - 900P ART 2.410 HAUFT, A

ART 325G INT PRINT: SERIGRAPHY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Practice in the theories and techniques of multicolor serigraphy and photoserigraphy. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 310P (or 319G) with a grade of at least C; for others, consent of instructor.
• 20445 MW 800 - 1100 ART 2.316 URBAN, J

ART 325M INT PRINT: LITHOGRAPHY
Offered on the letter-grade basis only. May be repeated for credit. Instruction in the theories and techniques of metal plate, multicolor, and stone lithography and photolithography. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 310P (or 319M) with a grade of at least C; for others, consent of instructor.
• 20450 TTH 800 - 1100 ART 2.308 CHESNEY, L

ART 330P ADV PRINT WORKSHOP
Offered on the letter-grade basis only. Focuses on the concepts and practice of print. Prerequisite: For studio art and visual art studies majors, Studio Art 310P with a grade of at least C, and one of the following with a grade of at least C: Studio Art 325J, 325K, 325G, or 325M; for others, consent of instructor.
• 20455 TTH 200 - 500P ART 2.316 CHESNEY, L

ART 335K INTERMEDIATE PHOTOGRAPHY
Offered on the letter-grade basis only. Practice in still photography, including materials and processes. Prerequisite: For studio art and visual art studies majors, Studio Art 317K with a grade of at least C; for others, consent of instructor.
• 20460 MW 200 - 500P ART 2.204 DURST, J
• 20465 MW 600 - 900P ART 2.204 DURST, J

ART 336V TRANSMEDIA: EXPANDED MEDIA II
Offered on the letter-grade basis only. May be repeated for credit. Advanced practice of media art exploring time, space, and reality through multidimensional forms. An investigation of media technologies and networks: aesthetically, formally, theoretically or conceptually using traditional media, new media, and immaterial approaches. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L) with a grade of at least Cin each; for others, consent of instructor. meets with ART 356V.
• 20470 TTH 200 - 500P ART 3.202 LUCAS, K

ART 337C TRANSMEDIA: PERFORMANCE ART II
Offered on the letter-grade basis only. May be repeated for credit. Advanced workshop in performance art that focuses on the development of researched solo and collaborative projects. May be taken twice for credit. meets with ART 357C.
• 20475 TTH 600 - 900P ART 3.206 SMITH, M

ART 338C TRANSMEDIA: DIGTL TIME-ART II
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Study in digital video, sound, and animation, with emphasis on the exploration of cinematic time and its time-based installation. Guided inquiry into the relationship between video and video projections, and technics and technology. May be taken twice for credit. meets with ART 358C.
• 20480 MW 200 - 500P ART 3.202 PERZYNSKI, B

ART 340F DIGITAL FABRICATION II
Offered on the letter-grade basis only. Advanced study of the artistic culture and techniques associated with digital visualization, three dimensional data acquisition, and various forms of digital fabrication including 3D Printing, CNC Milling, and Laser Cutting. Restricted to art history, design, studio art, and visual art studies majors. Prerequisite: Studio Art 320F and twelve additional hours of studio credit, with a grade of at least C in each. meets with ART 320F, ART 390.
• 20485 TTH 800 - 1100 ART 2.402 MCMASTER, R

ART 341K PAINTING III
Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Continuation of Studio Art 321K. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 321K with a grade of at least C; for others, consent of instructor.
• 20490 TTH 800 - 1100 ART 4.216 BRAUNTUCH, T

ART 346K INTERMEDIATE LIFE DRAWING
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Advanced problems in drawing and construction of the human figure. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 316K with a grade of at least C; for others, consent of instructor. meets with ART 366K.
• 20495 MW 800 - 1100 ART 4.220 SUTHERLAND, D

ART 350 PHILOSOPHY/THEORY/CRITICISM
Offered on the letter-grade basis only. Advanced exploration of philosophy, theory, and criticism from a studio art perspective. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.
• 20500 W 600 - 900P ART 1.110 BIRCHLER, A

ART 350P PROFESSIONAL PRACTICES
Offered on the letter-grade basis only. Exploration of professional practices as they relate to the field of visual arts. Focus on writing an artist statement and resume, as well aslearning about writing and applying for exhibition, grant, and residency opportunities. Prerequisite: For studio art and visual art studies majors, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L), with a grade of at least C in each; for others, consent of instructor.
• 20505 T 600 - 900P ART 3.433 LUCAS, K

ART 350T DEGREE TRACK PERSPC STUDIO
Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Required degree track critique course placing an emphasis on conceptual development, practice, and critique within any given degree track. May be taken twice for credit. Restricted to studio art majors. Prerequisite: The following with a grade of at least C: Studio Art 301C,302C, and 303C; (or 303K, 303L, 304K, and 304L).
• 20510 M 1100 - 200P ART 3.210 URBAN, J
• 20515 W 1100 - 200P ART 3.210 STONEY, J
• 20520 TH 600 - 900P ART 3.410 LORENZ, M

ART 352C PAINTING FOR NONMAJORS
Offered on the letter-grade basis only. May be repeated for credit. Exploration of various methods, subjects, and expressive possibilities in painting. May be taken twice for credit. Restricted to non-department of art and art history majors.
• 20525 MW 800 - 1100 ART 4.210

PAINTING FOR NONMAJORS
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Exploration of various methods, subjects, and expressive possibilities in painting. May be taken twice for credit. Restricted to non-department of art and art history majors.
• 20530 TTH 200 - 500P ART 4.210

ART 352D DRAWING FOR NONMAJORS
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Exploration of various methods, subjects, and expressive possibilities in drawing. May be taken twice for credit. Restricted to non-department of art and art history majors.
• 20535 TTH 800 - 1100 ART 4.220
• 20540 MW 1100 - 200P ART 4.206
• 20545 TTH 200 - 500P ART 3.410 BRAUNTUCH, T

ART 352F PRINT FOR NONMAJORS
Offered on the letter-grade basis only. May be repeated for credit. Exploration of the concepts, methods, and materials of print. May be taken twice for credit. Restricted to non-department of art and art history majors.
• 20550 TTH 1100 - 200P ART 2.210
• 20555 MW 530 - 830P ART 2.210

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course	unique	days	time	room	instructor

ART 352G SCULPTURE FOR NONMAJORS
Offered on the letter-grade basis only. May be repeated for credit. Exploration of the processes involved in the production of object-oriented sculpture. May be taken twice for credit. Restricted to non-department of art and art history majors.

• 20560	MW	200 - 500P	ART 2.410	HAUFT, A

ART 352J PHOTOGRAPHY FOR NONMAJORS
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Exploration of still photography. May be taken twice for credit. Restricted to non-department of art and art history majors.

• 20565	TTH	600 - 900P	ART 2.204	STURCHIO, G

ART 356V TRANSMEDIA: EXPANDED MEDIA III
Offered on the letter-grade basis only. May be repeated for credit. Student-initiated research and development of complex media art and hybrid media art projects. May be taken three times for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 336V with a grade of at least C; for others, consent of instructor. meets with ART 336V.

• 20570	TTH	200 - 500P	ART 3.202	LUCAS, K

ART 357C TRANSMEDIA: PERF ART III
Offered on the letter-grade basis only. May be repeated for credit. Advanced independent inquiry into the development of performance art projects requiring focused research and time. May be taken three times for credit. meets with ART 337C.

• 20575	TTH	600 - 900P	ART 3.206	SMITH, M

ART 358C TRANSMEDIA: DIGTL TIME-ART III
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Advanced study in video, sound, and animation with an emphasis on individual research reflecting students' artistic goals. May be taken three times for credit. meets with ART 338C.

• 20580	MW	200 - 500P	ART 3.202	PERZYNSKI, B

ART 361K PAINTING IV
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Continuation of Studio Art 341K. May be taken three times for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 341K with a grade of at least C; for others, consent of instructor.

• 20585	TTH	800 - 1100	ART 4.418	AWAI, N

ART 363K ADVANCED SCULPTURE
Offered on the letter-grade basis only. May be repeated for credit. Advanced research in the theory, technology, and methods involved in theproduction of sculpture, with emphasis on individual direction. May be taken three times for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 323K or 323S with a grade of at least C; for others, consent of instructor. meets with ART 323K.

• 20590	TTH	1100 - 200P	ART 2.410	SAWYER, M

ART 366K ADVANCED LIFE DRAWING
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Problems in drawing and construction of the human figure. May be taken three times for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 346K with a grade of at least C; for others, consent of instructor. meets with ART 346K.

• 20595	MW	800 - 1100	ART 4.220	SUTHERLAND, D

ART 368N ADVANCED DRAWING
Offered on the letter-grade basis only. May be repeated for credit. Continuation of Studio Art 322K. May be taken three times for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 322K with a grade of at least C; for others, consent of instructor. meets with ART 322K.

• 20600	TTH	200 - 500P	ART 4.206	YANCEY, J

ART 376 INDEPENDENT STUDY: STUDIO ART
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual projects to be completed under faculty supervision. May be taken twice for credit. Restricted to studio art and visual art studies majors. Prerequisite: Completion of at least fifteen semester hours of upper-division coursework in studio art, a grade point average of at least 3.00 in upper-division studio art, and consent of the studio assistant chair of the department.

• 20605

ART 376K CONTEMPORARY ISSUES IN PHOTO
Offered on the letter-grade basis only. May be repeated for credit. Inquiry of specific themes in photography which can include: photographic intervention, photography since 1945, photo book making, abstraction in photography, appropriation in photography, and lighting for photography. May be taken three times for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 317K and 335K with a grade of at least C in each; for others, consent ofinstructor.

• 20610	TTH	200 - 500P	ART 2.204	DURST, J

ART 379S 1-GAME DEVEL CPSTN: 2-D GAMES
Course number may be repeated for credit when the topics vary. Intensive advanced study of various disciplines of studio art. Introduction to concepts and skills for game development in a two-dimensional game format. Studio Art 179S, 379S (Topic: Game Development Capstone: Two-Dimensional Games) and 179S, 379S (Topic 1) may not both be counted. Restricted to design, studio art, and visual art studies majors. Prerequisite: For Studio Art 179S, upper-division standing; Studio Art 301C and 302C, (or 303K, 303L, 304K, and 304L) with a grade of at least C in each; concurrent enrollment in Studio Art 279T; and twelve additional semester hours of coursework in studio art with a grade of atleast C in each course; for 379S, upper-division standing; Studio Art 301C and 302C, (or 303K, 303L, 304K, and 304L) with a grade of at least C in each; and twelve additional semester hours of coursework in studio art with a grade of at least C in each course. meets with MUS 354S, C S 354S, AET 376, RTF 344T (TOPIC 1).

• 20615	MF	1230 - 200P	GDC 6.202	TOPRAC, P
	W	600 - 900P		

ART 380 GROUP CRITIQUE IN STUDIO ART
May be repeated for credit. Group critiques of student artwork organized under the leadership of the instructor, in addition to regular individual studio visits between the instructor and each student. Prerequisite: Graduate standing in studio art and consent of the graduate adviser. meets with ART 480.

• 20620	W	600 - 900P	ART 2.208	HUBBARD, T
	M	600 - 900P		
• 20625	TH	600 - 900P	ART 2.208	YANCEY, J
	T	600 - 900P		

ART 480 GROUP CRITIQUE IN STUDIO ART
May be repeated for credit. Group critiques of student artwork organized under the leadership of the instructor, in addition to regular individual studio visits between the instructor and each student. Prerequisite: Graduate standing in studio art and consent of the graduate adviser. meets with ART 380.

• 20630	W	600 - 900P	ART 2.208	HUBBARD, T
	M	600 - 900P		
• 20635	TH	600 - 900P	ART 2.208	YANCEY, J
	T	600 - 900P		

ART 181 GRAD COMMITTEE STUDY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser.

• 20640

ART 281 GRAD COMMITTEE STUDY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser.

• 20645

ART 381 GRAD COMMITTEE STUDY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser.

• 20650

ART 481 GRAD COMMITTEE STUDY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser.

• 20655

ART 581 GRAD COMMITTEE STUDY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser.

• 20660

ART 681 GRAD COMMITTEE STUDY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser.

• 20665

ART 781 GRAD COMMITTEE STUDY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser.

• 20670

ART 382 SEMINAR IN STUDIO ART
May be repeated for credit. Addresses topics and issues in contemporary art. Uses lectures, readings, guest presentations, discussions, and writings to articulate and define contemporary art practices. Prerequisite: Graduate standing in studio art and consent of the graduate adviser. meets with ART 482T.

• 20675	W	600 - 1000P	ART 3.432	PERZYNSKI, B

ART 482T SEMINAR IN STUDIO ART
Course number may be repeated for credit when the topics vary. Topics and issues in contemporary art. Lectures, readings, guest presentations, discussions, and writings provide an opportunity for students to discuss the production and reception of culture. Prerequisite: Graduate standing in studio art and consent of the graduate adviser. meets with ART 382.

• 20680	W	600 - 1000P	ART 3.432	PERZYNSKI, B

ART 383 GRAD INDP STD OUTSIDE STU CONC
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 20685

ART 484F MFA FIRST-YEAR SEMINAR
Additional hour(s) to be arranged. Introduction to the extensive research assets of the University. Focus on critical assessment skills and developing effective and consistent habits for working in the studio. Restricted to first-semester graduate students in studio art. Prerequisite: Graduate standing in studio art and consent of the graduate adviser.

• 20690	W	1100 - 200P	ART 2.208	WILLIAMS, J

ART 390 DIGITAL FABRICATION
Course number may be repeated for credit when the topics vary. Intensive advanced study of various disciplines of studio art. Restricted to graduate students in design or

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course	unique	days	time	room	instructor

studio art. Prerequisite: Graduate standing, consent of graduate adviser, and consent of instructor. meets with ART 320F, ART 340F.
• 20695 TTH 800 - 1100 ART 2.402 MCMASTER, R

ART 398P PRO PRACT FOR FINE ARTISTS
Study of effective strategies for entering various aspects of the art world. Experiences may include lectures, guest specialists, field trips, and readings. Restricted to second-year studio art graduate students. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser. meets with ART 498P.
• 20700 T 1100 - 200P ART 1.302L RISLEY, J

ART 498P PRO PRACT FOR FINE ARTISTS
Additional hour(s) to be arranged. Study of effective strategies for entering various aspects of the art world. Experiences may include lectures, guest specialists, field trips, and readings. Restricted to second-year studio art graduate students. Prerequisite: Graduate standing in studio art and consent of instructor and the graduate adviser. meets with ART 398P.
• 20705 T 1100 - 200P ART 1.302L RISLEY, J

ART 398R MASTER'S PORTFOLIO REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Written interpretation of the artwork created in the graduate program, addressing influences on and concepts of the work, and including a digital portfolio of major works and influences. Prerequisite: Graduate standing in studio art, concurrent enrollment in Studio Art 398S, and consent of the graduate adviser.
• 20710

ART 398S MASTER'S EXHIBITION SEMINAR
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation for the presentation of a professional exhibition in which significant work from each student is displayed. The exhibition is curated by the instructor with all students collaborating in its execution. The students' final sixty-hour review takes place during the exhibition and is individually conducted by faculty committee. At a later date during the exhibition, students publicly discuss and present their work in a colloquium open to the public. Prerequisite: Graduate standing in studio art, concurrent enrollment in Studio Art 398R, and consent of the graduate adviser.
• 20715

VAS 321C CHILDREN'S ARTISTIC DEV I
Offered on the letter-grade basis only. Examination of how arts based learning strategies can be used to promoteinquiry into the world around us. Visual Art Studies 321C and 121D may not both be counted.
• 20770 TTH 1200 - 130P ART 3.410 LINK, B

VAS 330 INTRO TO VISUAL ART STUDIES
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. An introduction to visual art studies: philosophy, current trends, instructional methods, evaluation, advocacy, and careers in art education, museum education, and cultural or social educational settings. Prerequisite: For majors in the department of art and art history, Studio Art 301C and 302C (or 303K, 303L, 304K, and 304L) with a grade ofat least C in each; for others, consent of instructor.
• 20775 TTH 900 - 1030 ART 3.408 MURPHY, E

VAS 341C LEARNERS/INSTRUC SITES FOR VAS
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Instructional procedures, observations, and evaluation of early childhood through grade twelve classroom and community-based art instruction. Visual Art Studies 341C and 141D may not both be counted. Restricted to visual art studies majors. Prerequisite: Credit with a grade of at least B or registration for Visual Art Studies 330.
• 20780 TTH 1100 - 200P ART 3.410 LINK, B

VAS 361C CRITICISM/CONVERSATION ART
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Individual and professional evaluations of visual imagery, artifacts, and artistic production in a variety of settings. Visual Art Studies 361C and 161D may not both be counted. Restricted to visual art studies majors. Prerequisite: Visual Art Studies 351C with a grade of at least B.
• 20785 MW 800 - 1100 ART 3.410 ADEJUMO, C

VAS 376 INDEP STUDY: VISUAL ART STDS
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing in the Department of Art and Art History and consent of instructor.
• 20786

SCHOOL OF DESIGN AND CREATIVE TECHNOLOGIES

DEPARTMENT OF ART AND ENTERTAINMENT TECHNOLOGIES

Art and Entertainment Technologies - AET

AET 101 AET COLLOQUIUM I
Designed to accommodate 100 or more students. Offered on the pass/fail basis only. Guest artists, scientists, developers, and corporate leaders present on subjects applicable to arts and entertainment technologies. Restricted to students in the College of Fine Arts.
• 20840 T 500 - 600P CLA 0.126 LANINA, Y

AET 103 AET COLLOQUIUM III
Offered on the pass/fail basis only. Guest artists, scientists, developers, and corporate leaders present on topics applicable to arts and entertainment technologies. Restricted to students in the College of Fine Arts.
• 20845 TH 500 - 600P CLA 0.102 PENNYCOOK, B

AET 304 FNDTNS OF ART/ENTERTAIN TECH
Broad overview of digital media technologies, software, and applicationsassociated with the intersection of the arts and technology. Introduction to the core concepts of the three emphases of the Center for Arts and Entertainment Technologies: Music and Sound, New Performance Technologies, and Game and Mobile Media Applications. Also considers the cultural, philosophical, ethical, and practical aspects of entertainment technology. Partially taught as a Web-based course.
• 20850 MW 1130 - 100P STAMPS, J

AET 305 FOUNDATIONS OF MUSIC TECH
Designed to accommodate 35 or fewer students. Historical perspective of music technology supported by a hands-on focuson modern digital technologies that comprise the world of electronic music, including MIDI, the digital audio workstation, digital signal processing, virtual instruments, digital audio systems, recording, effects, and internet distribution. Only one of the following may be counted: Arts and Entertainment Technologies 305, Fine Arts 310 (Topic: Foundations of Digital Music andSound), Music 319D. Restricted to students in the College of Fine Arts. Prerequisite: Arts and Entertainment Technology 304. meets with MUS 319D.
• 20855 TTH 1100 - 1230P MRH 3.124 NOKES, N
• 20860 TTH 930 - 1100 MRH 3.124 NOKES, N

AET 306 FNDTNS DIG IMAGING/VISUALIZTN
Historical developments in raster and vector graphics and examination oftechniques and technologies of 2-D, 3-D, moving image creation, manipulation, projection, and distribution. Restricted to students in the College of Fine Arts. Prerequisite: Arts and Entertainment Technologies 304.
• 20865 MW 1100 - 1230P DFA 4.126 DAUGHERTY, N
• 20870 MW 200 - 330P DFA 4.126

AET 310 FNDTNS OF CREATIVE CODING
A guide for expressing original ideas directly in computer code using the graphics language Processing. Examines the making of computer tools for implementing artistic visions. Explores the computer's role as an artist's medium in the context of major ideas in contemporary art.
• 20875 MWF 1200 - 100P DFA 4.112 JOHNS, M
• 20880 MWF 100 - 200P DFA 4.112 JOHNS, M

AET 316 FNDTNS OF NEW PERF TECH
Designed to accommodate 35 or fewer students. Introduction to the basic concepts and methods, as well as common systems used in the field of New Performance Technology. Discussion of core technologies and how each area of work within NPT relates is connected to the others. Explores tools and techniques prevalent in fourspecific applications of NPT: 3-D projection mapping, intelligent led lights & pixel mapping, interactive & generative imagery, 3-D previsualization. Subjects include the historical landmarks of interactive performance, projection system design, media servers, commonsignal and data formats, imagery creation for live performance and current trends in live event technology. Arts and Entertainment Technologies 316 and 317 may not both be counted. Prerequisite: Arts and Entertainment Technologies 304.
• 20885 MW 930 - 1100 WIN 1.138 ORTEL, S

AET 318 FNDTNS OF GAMES/PLAYABLE APPS
Introduction to concepts of game play, game narrative, user-interaction,modeling, and animation. Historical examination of game genres, systems,and games from a cultural and gender perspective. Prerequisite: Arts and Entertainment Technologies 304.
• 20890 MW 200 - 330P DFA 4.112 BAKER, M

AET 319 DIGITAL MUSICIANSHIP I
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary.
• 20895 MW 330 - 500P DFA 4.126 STAMPS, J

INTRO TO DRAWING
Course number may be repeated for credit when the topics vary.
• 20900 TTH 1230 - 200P DFA 4.112 LANINA, Y

PRODUCTION LAB I
Course number may be repeated for credit when the topics vary. meets with T D 314P.
• 20905 MTWTHF 530 - 1030P WIN 1.140 TOLIN, D

AET 320C CONTEMPORARY MUSIC STYLES
Explores the form, composition, production, arrangement and performance of a variety of contemporary styles of music. Focuses on the digital audio workstation and the use of instruments, both real and virtual, to compose in different genres. Arts and Entertainment Technologies AET 320 and 320C may not both be counted. Prerequisite: Arts and Entertainment Technologies 305.
• 20910 MW 1100 - 1230P MRH 3.124

AET 323 FILM AND GAME SCORING
Exploration of film and game play situations requiring music in the formof an instrumental score or created with virtual instruments. Comparative study of music tracks in popular film genres, documentary films, console game titles, and games as a reference for original works. Arts and Entertainment Technologies 323 and Music 350S may not both be counted. Prerequisite: Arts and Entertainment Technologies 305.
• 20915 TTH 800 - 930 DFA 4.126

course	unique	days	time	room	instructor

AET 325 DIGITAL PRODUCTION ART 2-D
Restricted enrollment; contact the department for permission to register for this class. Two-dimensional digital drawing and painting techniques with computer software. Prerequisite: Arts and Entertainment Technologies 306. Restricted to computer science, fine arts, and radio-television-film students.

• 20920	MW	1230 - 200P	DFA 4.126	DAUGHERTY, N

AET 326 DIGITAL PRODUCTION ART 3-D
Restricted enrollment; contact the department for permission to register for this class. Basic principles of three-dimensional digital modeling and animation production, including modeling and texturing, basic character animation,project conception through digital production methodology, and technical language used in industry. Prerequisite: Arts and Entertainment Technologies 306. Restricted to computer science, fine arts, and radio-television-film students.

• 20925	TTH	1100 - 1230P	DFA 4.126	NORMAN, C

AET 327 ADVANCED 3-D MODELING
Restricted enrollment; contact the department for permission to register for this class. Continued exploration of methods and procedures used in the professionalproduction of 3-D modeling, animation, and visual effects, including advanced modeling techniques, advanced surfacing techniques, specularity, sequenced mapping, and 3-D digital printing. Prerequisite: Arts and Entertainment Technologies 326. Restricted to computer science, fine arts, and radio-television-film students.

• 20930	TTH	1230 - 200P	DFA 4.126	NORMAN, C

AET 335C GAME DESIGN AESTHETICS
Examines different game genres and other playable applications from the viewpoint of design. Only one of the following may be counted: Arts and Entertainment Technologies 335, 335C, Fine Arts 310 (Topic: Aesthetics of Game Design), 312. Prerequisite: Arts and Entertainment Technologies 318.

• 20935	MW	330 - 500P		TOPRAC, P
• 20940	MW	330 - 500P	DFA 4.112	TOPRAC, P

AET 139 INTRO TO ABLETON LIVE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies. Class meets September 5-October 3.

• 20945	W	500 - 800P	MRH 3.124	

3-D SCULPTING WITH Z BRUSH
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20950	M	500 - 600P	DFA 4.126	

AET 339 AUDIO PROCESSING
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20955	M	500 - 800P	DFA 4.126	PEREZ, C

ADVANCED 2-D ANIMATION
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20960	TTH	200 - 330P	DFA 4.126	DAUGHERTY, N

CONCEPTS OF VISUAL STYLE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20965	TTH	330 - 500P	DFA 4.126	DAUGHERTY, N

CONTENT CREATION PERF/INTER
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20970	MW	930 - 1100	DFA 4.126	NORMAN, C

DRAFTING LIGHTING AND MEDIA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies. meets with T D 354T.

• 20975	TTH	1230 - 200P	WIN 1.138	SMITH, M

GAME ART PIPELINE
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20980	TTH	1100 - 1230P	DFA 4.106	BAKER, M

INTERACTIVE MUSIC
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20985	MW	200 - 330P	MRH 3.124	STAMPS, J

LEVEL DESIGN
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20990	MW	930 - 1100	DFA 4.106	JOHNS, M

LIGHTING DESIGN SKILLS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 20994	TTH	1230 - 200P	WIN 2.121	HABECK, M

PLAI PRODUCTION LAB
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies. meets with T D 354T.

• 20995	MWF	1000 - 1200	PAC 3.204	SMITH, M

PRACTICAL SPECIAL EFFECTS
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies. meets with T D 354T, T D 388L.

• 21000	M	830 - 1000	PAC 2.208	MANESS, K
	M	1000 - 1130	PAC 2.208	
• 21005	M	830 - 1000	PAC 2.208	MANESS, K
	M	1230 - 200P	PAC 2.208	

PRODUCTION LAB II
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies. meets with T D 324P.

• 21010	MWF	900 - 1200	WIN 1.140	

THEATRE SOUND DESIGN
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.

• 21015	MW	1100 - 1230P	WIN 1.138	PEREZ, C

AET 341 SOUND SYNTHESIS/AUD PROCESSING
Physics and mathematics of audio signal processing, including filter design, reverberation algorithms, direct synthesis technologies, analysis/synthesis technologies, waveguide systems, compression, and limiting. Prerequisite: Arts and Entertainment Technologies 305.

• 21020	MW	330 - 500P	DFA 4.126	STAMPS, J

AET 345 DESIGNING VIRTUAL WORLDS
Designed to accommodate 35 or fewer students. Exploration of architectural concepts and 3-D world building. Students create and model virtual and multi-level worlds from the viewpoint of game play, object, and character movement. meets with T D 354T.

• 21025	TTH	200 - 330P	PAC 3.204	

AET 347 PROJECTION DESIGN
Introduction to projection design in live performance. Exploration of important work by past and present practitioners though discussion, reading and research. Discusses workflow, methodology and considerations necessary to practically realize a projection design including possible projection system configurations, bespoke imagery, playback systems suchas Qlab, Isadora and Watchout as well as projector and screen material options. Basic knowledge of Autocad or Vectorworks is required. Prerequisite: Arts and Entertainment Technologies 316 (or 317). meets with T D 388L, T D 354T (TOPIC 33).

• 21030	TTH	930 - 1100	WIN 1.138	ORTEL, S

AET 355C ADVANCED GAME SCRIPTING
Explores computer and video game script/code through the use of a computer game engine to control gameplay, character behaviors, physics, and world modifications. Reviews the major aspects of coding and creating games within a game engine. Arts and Entertainment Technologies 355 and 355C may not both be counted. Prerequisite: Arts and Entertainment Technologies 346.

• 21035	MW	1230 - 200P	DFA 4.106	BAKER, M

AET 356 TECHNICAL ART PRODUCTION
Production processes to merge game assets and game code and management of these functions within the game production process. Prerequisite: Consent of instructor.

• 21040	TTH	200 - 330P	DFA 4.106	BAKER, M

AET 360C ENTERTAINMENT SYSTEMS DSGN
Designed to accommodate 35 or fewer students. Explores how lighting, projectors, and media are controlled over live entertainment networks. Introduces essential hardware and software components and how they communicate with one another to execute a variety of designs. Arts and Entertainment Technologies 360 and 360C may not both be counted. Prerequisite: Arts and Entertainment Technologies 316 (or 317).

• 21045	TTH	1100 - 1230P	WIN 1.138	SMITH, M

AET 362C GENERATIVE MEDIA/VISUALS
Designed to accommodate 35 or fewer students. Introduces the foundations of creating and generating real-time visuals for live events. Explores the algorithms essential to generating visualsfor electronic dance music, interactive art, music concerts, and dance performances. Utilizing digital and traditional skill-sets to generate and manipulate imagery in real-time using a variety of sensor inputs andcontrol options. Arts and Entertainment Technologies 362 and 362C may not both be counted. Prerequisite: Arts and Entertainment Technologies 316 (or 317). meets with T D 354T.

• 21050	TTH	1230 - 200P	PAC 3.204	

AET 363C VISUAL PROGRAMMING
Designed to accommodate 35 or fewer students. Continued exploration of dynamic, real-time visual computing toward the production of a large final project. Focuses on the inclusion of external device input/output and interaction with MIDI and OSC protocols for applications in interactive performance settings. Only one of the following may be counted: Arts and Entertainment Technologies 362, 363, 363C. Prerequisite: Arts and Entertainment Technologies 316 (or 317) and 361C (or 361) or 362C. meets with T D 354T.

• 21055	MW	1230 - 200P	PAC 3.204	

AET 372 SENIOR DESIGN PROJECTS I
Designed to accommodate 35 or fewer students. Creation of a project within a team, with the guidance and advice of faculty members. Industry and faculty members can sponsor these projects. Prerequisite: Upper-division standing.

• 21060	TTH	930 - 1100	DFA 4.126	LANINA, Y

AET 374 INDEPENDENT STUDY
May be repeated for credit. Independent study or research in arts and entertainment technologies. Prerequisite: Upper-division standing, a grade point of average of at

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least 3.00, consent of instructor, and consent of the director of the Center for Arts and Entertainment Technologies.
• 21065

AET 376 GAME CAPSTONE: 2-D
Restricted enrollment; contact the department for permission to register for this class. Group project developing a working 2-D game. Prerequisite: Upper-division standing and consent of instructor based onportfolio submission. meets with MUS 354S, C S 354S, ART 379S (TOPIC 1), RTF 344T (TOPIC 1).
• 21070 MF 1230 - 200P GDC 6.202 TOPRAC, P
W 600 - 900P

AET 378 SENIOR THESIS I
Hour(s) to be arranged. Large scale senior project. Prerequisite: Upper-division standing and consent of instructor based onthesis proposal.
• 21075

AET 379 SENIOR THESIS II
Hour(s) to be arranged. Continuation of large scale senior project in Arts and Entertainment Technologies 378. Prerequisite: Upper-division standing and consent of instructor based onthesis proposal.
• 21080

DEPARTMENT OF DESIGN

Design - DES
Integrated Design - ITD

DES 308 INTRO TO DSGN THEORY/CRITICISM
Offered on the letter-grade basis only. Lecture/seminar course. Introduces design theory and criticism, examining how people's beliefs and values inform the way they make, understand, and evaluate works of design.
• 21135 M 900 - 1200 DFA 4.112 PENICK, M
• 21140 F 900 - 1200 DFA 4.112 PENICK, M

DES 309 INTRODUCTION TO DESIGN
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Studio course. Introduction to the design process, including research, ideation, prototyping, critique, and iteration. Projects also introduce the vocabulary, principles, strategies, techniques, and conventions of drawing and rendering used by design professionals. Design 309 and 310 may not both be counted. Prerequisite: One of the following: Design 301, Integrated Design 301D, Studio Art 301C, or 302C.
• 21145 TTH 1100 - 200P ART 3.218 CATTERALL, K

DES 320 DESIGN THEORIES/METHODS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Lecture/seminar/studio course. Introduces cultural and aesthetic theories pertinent to design, as well as research methods for generatingand prototyping ideas. Prerequisite: Design 309.
• 21150 TTH 1230 - 200P DFA 4.106

DES 321 IMAGES IN COMMUNICATION
Offered on the letter-grade basis only. Studio course. Explores the selection and creation of images appropriateto specific communication goals and contexts, such as promotional images, infographics, logos, instructions, and/or narratives. Prerequisite: Studio Art 301C, 302C, and 303C; or Design 308 or Art History 304; and credit or registration for Design 309.
• 21155 MW 1100 - 200P ART 2.212
• 21160 MW 200 - 500P ART 2.212
• 21165 MW 200 - 500P ART 3.218 WALKER, J

DES 325 TYPOGRAPHY I
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Studio course. Projects introduce the fundamental principles, conventions, and techniques of typography. Only one of the following may be counted: Design 312, 312G, 325. Prerequisite: Studio Art 301C, 302C, and 303C; or Design 308 or Art History 304; and credit or registration for Design 309.
• 21170 TTH 800 - 1100 ART 3.218 WILKINS, J

TYPOGRAPHY I
Offered on the letter-grade basis only. Studio course. Projects introduce the fundamental principles, conventions, and techniques of typography. Only one of the following may be counted: Design 312, 312G, 325. Prerequisite: Studio Art 301C, 302C, and 303C; or Design 308 or Art History 304; and credit or registration for Design 309.
• 21175 TTH 1100 - 200P ART 1.202
• 21180 MW 200 - 500P ART 1.202

DES 326 OBJECTS AND SPACES
Offered on the letter-grade basis only. Studio course. Projects introduce rendering and prototyping techniques used for solving problems in three-dimensional media such as product design, packaging design, environmental graphics, and/or architectural/landscape design. Prerequisite: Studio Art 301C, 302C, and 303C; or Design 308 or Art History 304; and credit or registration for Design 309.
• 21185 MW 800 - 1100 ART 2.212
• 21190 MW 1100 - 200P ART 3.218 CATTERALL, K
• 21195 TTH 200 - 500P ART 3.218

DES 337 HISTORY OF GRAPHIC DESIGN
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Lectures and discussions focusing on specialized or advanced topics in the history of design. Prerequisite: Design 313 or 336 with a grade of at least C.
• 21200 TTH 1100 - 1230P DFA 4.112 GORMAN, C

DES 340G BRANDING/VIS IDENTITY SYSTEMS
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Studio course. Explores the purposes and constraints of branding and visual identity design, and creative systems that can be applied consistently across media and materials. Design 340 and 340G may not both be counted. Prerequisite: Credit with a grade of at least C in each or registration for Design 326, 334, and 335, and credit or registration for Design 336.
• 21205 MW 1100 - 200P ART 1.202 WILKINS, J

DES 345 DESIGN WRITING
Offered on the letter-grade basis only. May be repeated for credit. Lecture/seminar course. Students propose and carry out original researchand writing projects with the aim of submitting their writing for publication. May be taken twice for credit. Prerequisite: Credit with a grade of at least C in each or registration for Design 326, 334, and 335, and credit or registration for Design 336.
• 21210 F 800 - 1100 DFA 4.106 GORMAN, C

DES 346 PROJECT STUDIO
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Studio course. Professional experience solving real-world problems, including commissioned projects, student-initiated projects, and/or pro bono projects. May be taken three times for credit. Prerequisite: Consent of instructor.
• 21215 MW 530 - 830P ART 1.202A PARK, J

DES 347 PUBLICATION STUDIO
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Studio course. Advanced publishing projects in print and/or digital media. May be taken twice for credit. Prerequisite: For design majors, credit or registration for Design 309; for others, consent of instructor.
• 21220 F 1100 - 500P ART 2.212 AUER, K

DES 349 INTERACTION DESIGN II
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Lecture/studio course. Students design visually pleasing, responsive, user-centered web and mobile interfaces. Prerequisite: Design 334 with a grade of at least C.
• 21225 TTH 200 - 500P DFA 4.112 WALKER, J

DES 374 CAPSTONE DESIGN PROJECT
Offered on the letter-grade basis only. Studio course. Students define their own research problem and propose appropriate design solutions, guided by feedback from desk critiques with the instructor, group critiques, and reviews with a visiting critic. Design 370 and 374 may not both be counted. Restricted to design majors. Prerequisite: Senior standing, and credit with a grade of at least C in each or registration for Design 309, 321, 325, 326, 334, and 336.
• 21230 MW 200 - 500P ART 1.406 WALKER, J

DES 376 INDEPENDENT STUDY: DESIGN
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Student-defined projects completed under faculty supervision. Prerequisite: Consent of instructor and consent of design assistant chair.
• 21235

DES 682 CRITIQUE STUDIO
Additional hour(s) to be arranged. May be repeated for credit. Context and structured dialogue regarding areas of, and the student's own direction in, graduate research. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 21240 F 200 - 500P DFA 4.112 PARK, J

DES 383 GRADUATE PROJECTS
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 21245

DES 387 GRADUATE INTERNSHIP IN DESIGN
Hour(s) to be arranged. May be repeated for credit. Professional design internship in a field of the student's interest. Prerequisite: Graduate standing, consent of the graduate adviser, and consent of the instructor.
• 21250

DES 387H INTERNSHIP HEALTHCARE DESIGN
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing, consent of the graduate adviser, and consent of instructor.
• 21255

DES 391 CORE LABORATORY 2
Designed to accommodate 35 or fewer students. Designed to provide students with the opportunity to test and expand their design research through writing and various methods of dissemination. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 21260 M 800 - 1100 ART 1.202A

DES 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Graduate standing in design and consent of instructor or the graduate adviser.
• 21265

DES 398S MASTER'S EXHIBITION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Graduate standing in design and consent of instructor or the graduate adviser.
• 21270

April 3, 2018

ITD 101 INTRO TO INTEGRATED DESIGN
Introduction to the concept of Design Thinking as a core fundamental in education and industry across all disciplines and channels. Guest speakers may facilitate discussion of various innovation issues facing businesses today. Class meets August 30-September 27.
• 21325 TH 630 - 930P DFA 4.112

ITD 301D INTRO TO DESIGN THINKING
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Introduces design thinking and design methods, with a focus on design process. Design 301 and Integrated Design 301D may not both be counted. same as DES 301.
• 21330 T 630 - 930P DFA 4.112

INTRO TO DESIGN THINKING
Offered on the letter-grade basis only. Introduces design thinking and design methods, with a focus on design process. Design 301 and Integrated Design 301D may not both be counted. same as DES 301.
• 21335 W 600 - 900P DFA 4.112 HUKE, J

ITD 102 SKETCHNG FOR THINKING/COMM
Designed to accommodate 35 or fewer students. Discussion of sketching as the fastest way to convey ideas, both in an ideation session or taking notes in a meeting. Explores the basic elements of sketching to visualize concepts and quickly bring alignment to any team. Class meets October 4-November 1.
• 21340 TH 630 - 930P DFA 4.112

ITD 105 INTRO TO COMP SCI PRINCPLS
Introduction to the basic principles and terms of logic, programming andcomputer science for non-computer science majors. Restricted to non-computer science majors. Class meets September 4-October 2.
• 21345 T 600 - 900P DFA 4.126

ITD 110 INTRO TO FUTURES STUDIES
Course number may be repeated for credit when the topics vary. Studies within integrated design. Topic description: Survey the changing landscape of society using methods in futures studies and strategic foresight. Apply practical methods for communicating foresight and designing strategies to motivate transform ative action. Class meets September 10-October 8.
• 21350 M 600 - 900P DFA 4.106 DUNAGAN, J

INTRODUCTION TO PROTOTYPING
Course number may be repeated for credit when the topics vary. Studies within integrated design. Topic description: Create and test mechanical prototypes in a team setting. Explore case studies as well as an overview of overarching design and entrepreneurial processes in engineering. Class meets August 31-Septe mber 28.
• 21355 TH 300 - 600P EER 1.528 EVANS, R

ITD 111 INTRO TO DSGN/ARTFCL INTEL
Offered on the letter-grade basis only. Introduction to exploring design as a problem-solving tool for real-world scenarios posed from artificial intelligence and robotics. Class meets October 9-November 6.
• 21360 T 600 - 900P DFA 4.106 BURTON, C

ITD 115 CREATIVE ENTREPRENEURSHIP
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Exploration of the integration of entrepreneurship in industry and introduction to the creative process of starting new ventures. Class meets September 4-October 2.
• 21365 T 330 - 630P DFA 4.106 RYAN, J

ITD 350 ADV DESIGN/ARTIFICIAL INTEL
Course number may be repeated for credit when the topics vary. Advanced studies in integrated design. Prerequisite: Upper-division standing. Topic description: Explore design as a problem-solving tool for real-world scenarios poised from artificial intelligence and robotics. Research variety of methods for ethical, sustainable and appropriate solutions. D econstruct technology industry transformations and how they relate to social phenomena. Derive insights leading to new systems, strategies, practical models, and supporting narratives as it relates to artificial inte lligence.
• 21370 TH 600 - 900P DFA 4.106 SUKIS, J

DESIGNING AI EXPERIENCES
Course number may be repeated for credit when the topics vary. Advanced studies in integrated design. Prerequisite: Upper-division standing. Topic description: Provides experience combining design principles with emerging machine intelligence technology through business application. Identifies issues, develops design application, provides skills for visua l, verbal, and technical problem-solving. Considers business implications of artificial intelligence.
• 21375 W 600 - 900P DFA 4.106

ITD 365 APPL ETHNGRPH RSRCH IN DSGN
Focus on how to create actionable insights using ethnographic research. Prerequisite: Upper-division standing and the following with a grade of at least C in each: Integrated Design 101, and Design 301 or Integrated Design 301D.
• 21380 M 600 - 900P DFA 4.112 ROGERS, E

ITD 170 MAKING REAL WORLD DESIGN
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Project-based work with off-campus industry studio partners. Professional experience solving real-world problems including, but not limited to, commissioned projects, student-initiated projects, and pro bono projects. Prerequisite: For College of Fine Arts majors, upper-division standing and six semester hours of upper-division coursework in design or integrated design; for non-College of Fine Arts majors, upper-division standing and consent of instructor. Topic description: Explores mechanisms and strategies for creating successful applications, products, and experiences. Class meets August 30-September 27. Partially taught off-campus at local design studio in Austin, Texas.
• 21385 MW 400 - 700P MCDONALD, K

ITD 370 ADV DESIGN THINKING STUDIO
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Project-based work with off-campus industry studio partners. Professional experience solving real-world problems including, but not limited to, commissioned projects, student-initiated projects, and pro bono projects. Prerequisite: For College of Fine Arts majors, upper-division standing and six semester hours of upper-division coursework in design or integrated design; for non-College of Fine Arts majors, upper-division standing and consent of instructor. Topic description: Solve real-world design problems in an industry setting, working in multidisciplinary teams. Taught at IBM Design Studios in Austin, Texas.
• 21390 TTH 600 - 900P PROTZMANN, P

ITD 375 CAPSTONE IN INTEGRATED DSGN
Offered on the letter-grade basis only. Multidisciplinary groups of students research an integrated design problem and propose and prototype an appropriate solution, guided by feedback from supervising instructor(s). Restricted to students in the bridging discipline program. Prerequisite: Upper-division standing, Integrated Design 101, IntegratedDesign 301D, three additional one-credit Integrated Design Courses, and consent of instructor.
• 21395

ITD 380 DESIGN THINKING
Explores the concepts of design thinking and human-centered design methods, with a focus on design process and problem solving. Prerequisite: Graduate standing.
• 21400 M 600 - 900P ART 3.218 FREACH, J

ITD 390 DESIGN FOR HEALTH
Exploration of creative design-based approaches and problem-solving methods and their application to solving contemporary health care challenges. Prerequisite: Graduate standing and Integrated Design 380, or consent ofinstructor
• 21405 M 900 - 1200 COLUCCI, J

SARAH AND ERNEST BUTLER SCHOOL OF MUSIC

Conducting - CON
Music - MUS
Music Business - MBU
Music Recording Technology - MRT
Performance - PRF
Bassoon - BSN
Clarinet - CLA
Double Bass - D B
Drum Set - DRS
Euphonium - EUP
Flute - FLU
French Horn - F H
Guitar - GUI
Harp - HAR
Harpsichord - HSC
Oboe - OBO
Opera - OPR
Organ - ORG
Percussion - PER
Piano - PIA
Recorder - REC
Saxophone - SAX
Trombone - TRO
Trumpet - TRU
Tuba - TBA
Vibraphone - VIB
Viola - VIA
Violin - VIO
Violoncello - V C
Voice - VOI

CON 280K MASTER'S CONDUCTING: CHORUS
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21460

April 3, 2026

course	unique	days	time	room	instructor

CON 380K MASTER'S CONDUCTING: CHORUS
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21465

CON 480K MASTER'S CONDUCTING: CHORUS
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21470

CON 280S MASTER'S CONDUCTING: ORCHESTRA
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21475

CON 380S MASTER'S CONDUCTING: ORCHESTRA
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21480

CON 480S MASTER'S CONDUCTING: ORCHESTRA
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21485

CON 280W MASTER'S CONDUCTING: BAND
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21490

CON 380W MASTER'S CONDUCTING: BAND
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21495

CON 480W MASTER'S CONDUCTING: BAND
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing and intermediate-level conducting experience, or consent of instructor.
• 21500

CON 290K DOCTORAL CONDUCTING: CHORUS
Hour(s) to be arranged. May be repeated for credit. Restricted to students pursuing a Doctor of Musical Arts in choral conducting. Prerequisite: Graduate standing.
• 21505

CON 490K DOCTORAL CONDUCTING: CHORUS
Hour(s) to be arranged. May be repeated for credit. Restricted to students pursuing a Doctor of Musical Arts in choral conducting. Prerequisite: Graduate standing.
• 21510

CON 290S DOCTORAL CONDUCTING: ORCHESTRA
Hour(s) to be arranged. May be repeated for credit. Restricted to students pursuing a Doctor of Musical Arts in orchestral conducting. Prerequisite: Graduate standing.
• 21515

CON 490S DOCTORAL CONDUCTING: ORCHESTRA
Hour(s) to be arranged. May be repeated for credit. Restricted to students pursuing a Doctor of Musical Arts in orchestral conducting. Prerequisite: Graduate standing.
• 21520

CON 290W DOCTORAL CONDUCTING: BAND
Hour(s) to be arranged. May be repeated for credit. Restricted to students pursuing the Doctor of Musical Arts in band conducting. Prerequisite: Graduate standing.
• 21525

CON 490W DOCTORAL CONDUCTING: BAND
Hour(s) to be arranged. May be repeated for credit. Restricted to students pursuing the Doctor of Musical Arts in band conducting. Prerequisite: Graduate standing.
• 21530

ENS 101U UNIVERSITY CHORUS
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition.
• 21585 MWF 300 - 400P MRH 2.106 MORROW, J

ENS 102S SYMPHONY ORCHESTRA
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 182S.
• 21590 MWF 1200 - 200P MRH 2.118 ZIMMERMANN, G

ENS 102U UNIVERSITY ORCHESTRA
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 182U.
• 21595 TTH 700 - 830P MRH 2.118 ZIMMERMANN, G

ENS 103C SYMPHONY BAND
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 183C.
• 21600 MWF 200 - 400P MRH 2.118 KELLY, R

ENS 103P BUTLER OPERA CENTER ENSEMBLE
May be repeated for credit. Instruction and performance in operatic acting, vocal coaching, and stage direction. Open to any University student who can qualify by audition.
• 21605 MWF 400 - 530P MRH 2.106 DESIMONE, R

ENS 103S WIND SYMPHONY
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 183S.
• 21610 MWF 200 - 400P MRH 2.114 HANNA, S

ENS 103W WIND ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 183W.
• 21615 MWF 1200 - 200P MRH 2.114 JUNKIN, J

ENS 105 SIGHT-READING
May be repeated for credit. Designed to develop and improve sight-reading skills in piano performance. Open to any University student who can qualify by audition.
• 21620 MWF 1200 - 100P MRH 2.604 WOLF, P

ENS 105C JAZZ COMBOS
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition.
• 21625 HELLMER, J

ENS 105E JAZZ ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 185E.
• 21630 TTH 200 - 330P MRH 6.248 MILLS, J

ENS 105M ALT IMPROV MUSIC ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 185M.
• 21635 MW 200 - 300P MRH 6.248 FREMGEN, J

ENS 106C CONJUNTO ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 186C, ENS 096C.
• 21640 TTH 500 - 630P MRH 6.252 BARRERA, J

ENS 106E EARLY MUSIC ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 186E, ENS 096E.
• 21645 M 600 - 900P MRH 6.252 OLIVIERI, G

ENS 106F AFRICAN AMERICAN VOCAL ENSMBL
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 186V, ENS 096V.
• 21650 M 700 - 1000P MRH 2.614 CARSON, C

ENS 106J JAVANESE GAMELAN ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 186J, ENS 096J.
• 21655 M 400 - 600P MRH 3.306 SLAWEK, S

ENS 106K HISPANIC CARIBBEAN ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 186K, ENS 096K.
• 21660 W 500 - 800P MRH 6.252 MOORE, R

ENS 106M MARIACHI ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 186M, ENS 096M.
• 21665 TW 530 - 730P MRH 2.106 CASTRO, E

ENS 106N NORTH INDIAN MUSIC ENSEMBLE
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 186N.
• 21670 SLAWEK, S

ENS 106T MIDDLE EASTERN ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 186T, ENS 096T.
• 21675 TH 600 - 1000P MRH 2.614 SEEMAN, S

ENS 106U ACCOMPANYING: INSTRUMENTAL
May be repeated for credit. Designed for pianists to improve ensemble playing and to give training in the technique of instrumental accompanying. Prerequisite: Open to any University student who can qualify by audition.
• 21680 TH 400 - 600P MRH 5.246 WOLF, P

ENS 106V BEGINNING ACCOMPANYING: VOCAL
Additional hour(s) to be arranged. An introductory course for pianists designed to teach the basic skills involved in vocal accompanying. Students who want to continue study in vocal accompanying after completing Ensemble 106V should register for Ensemble 106W. Open to any music majors whose major instrument is piano.
• 21685 W 300 - 400P MRH 5.246 CAMPINHO, M

April 3, 2018

course	unique	days	time	room	instructor

ENS 106W ADVANCED ACCOMPANYING: VOCAL
Additional hour(s) to be arranged. May be repeated for credit. An advanced skills for pianists designed to continue to train students in vocal accompanying through more difficult repertoire. Restricted to music majors whose major instrument is piano. Prerequisite: Ensemble 106V or consent of instructor.
• 21690 F 1200 - 100P MRH 5.138 CAMPINHO, M

ENS 107J JAZZ ORCHESTRA
May be repeated for credit. Advanced jazz ensemble. Open to any University student who can qualify by audition. meets with ENS 185J.
• 21695 MWF 300 - 500P MRH 6.248 HELLMER, J

ENS 207L LONGHORN BAND
May be repeated for credit. In the spring semester, this organization divides into multiple performing ensembles. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 184L.
• 21700 MTTH 630 - 830P MRH 2.114 HANNA, S

ENS 107N NEW MUSIC ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 187N.
• 21705 MWF 1200 - 200P MRH 6.222 WELCHER, D

ENS 108P LONGHORN PEP BAND
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition.
• 21710 T 330 - 500P MRH 2.114 GALL, J

ENS 109D PERCUSSION ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 189P.
• 21715 TTH 1230 - 200P MRH 6.222 BURRITT, T

ENS 109F HARP ENSEMBLE
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition.
• 21720 LEONARD, D

ENS 109G GUITAR ENSEMBLE
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition.
• 21725 HOLZMAN, A

ENS 109K CHAMBER SINGERS
May be repeated for credit. Open to any University student who can qualify by audition. meets with ENS 181S.
• 21730 MWF 1200 - 200P MRH 2.614 MORROW, J

ENS 109L CONCERT CHORALE
May be repeated for credit. Open to any University student who can qualify by audition. meets with ENS 181C.
• 21735 MWF 1200 - 200P MRH 2.106 PENCE, S

ENS 109N SAXOPHONE CHOIR
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 189N.
• 21740 TTH 1230 - 200P MRH 2.118 PAGE, S

ENS 109T TROMBONE CHOIR
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 189T.
• 21745 TTH 1230 - 200P MRH 2.114 BRICKENS, N

ENS 109U UT STEEL PAN ENSEMBLE
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition.
• 21750 MW 500 - 700P MRH 2.118 BURRITT, T

ENS 181C CONCERT CHORALE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 109L.
• 21755 MWF 1200 - 200P MRH 2.106 PENCE, S

ENS 181S CHAMBER SINGERS
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 109K.
• 21760 MWF 1200 - 200P MRH 2.614 MORROW, J

ENS 182S SYMPHONY ORCHESTRA
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 102S.
• 21765 MWF 1200 - 200P MRH 2.118 ZIMMERMANN, G

ENS 182U UNIVERSITY ORCHESTRA
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 102U.
• 21770 TTH 700 - 830P MRH 2.118 ZIMMERMANN, G

ENS 183C SYMPHONY BAND
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 103C.
• 21775 MWF 200 - 400P MRH 2.118 KELLY, R

ENS 183S WIND SYMPHONY
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 103S.
• 21780 MWF 200 - 400P MRH 2.114 HANNA, S

ENS 183W WIND ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 103W.
• 21785 MWF 1200 - 200P MRH 2.114 JUNKIN, J

ENS 184L LONGHORN BAND
May be repeated for credit. In the spring semester, this organization divides into multiple performing ensembles. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 207L.
• 21790 MTTH 630 - 830P MRH 2.114 HANNA, S

ENS 185C JAZZ COMBOS
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 21795 HELLMER, J

ENS 185E JAZZ ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 105E.
• 21800 TTH 200 - 330P MRH 6.248 MILLS, J

ENS 185J JAZZ ORCHESTRA
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 107J.
• 21805 MWF 300 - 500P MRH 6.248 HELLMER, J

ENS 185M ALT IMPROV MUSIC ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 105M.
• 21810 MW 200 - 300P MRH 6.248 FREMGEN, J

ENS 186C CONJUNTO ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106C, ENS 096C.
• 21815 TTH 500 - 630P MRH 6.252 BARRERA, J

ENS 186E EARLY MUSIC ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106E, ENS 096E.
• 21820 M 600 - 900P MRH 6.252 OLIVIERI, G

ENS 186J JAVA GAMELAN ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106J, ENS 096J.
• 21825 M 400 - 600P MRH 3.306 SLAWEK, S

ENS 186K HISPANIC CARIBBEAN ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106K, ENS 096K.
• 21830 W 500 - 800P MRH 6.252 MOORE, R

ENS 186M MARIACHI ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106M, ENS 096M.
• 21835 TW 530 - 730P MRH 2.106 CASTRO, E

ENS 186N NORTH INDIAN MUSIC ENSEMBLE
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106N.
• 21840 SLAWEK, S

ENS 186T MIDDLE EASTERN ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106T, ENS 096T.
• 21845 TH 600 - 1000P MRH 2.614 SEEMAN, S

ENS 186V AFRICAN AMERICAN VOCAL ENSMBL
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106F, ENS 096V.
• 21850 M 700 - 1000P MRH 2.614 CARSON, C

ENS 187N NEW MUSIC ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 107N.
• 21855 MWF 1200 - 200P MRH 6.222 WELCHER, D

ENS 188P BUTLER OPERA PRODUCTIONS
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 21860 MTWTHF 330 - 630P PAC 3.602 DESIMONE, R

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course	unique	days	time	room	instructor

ENS 188S OPERA STUDIO
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.

• 21865	TTH	1230 - 200P	PAC 3.602	DESIMONE, R

ENS 189G GUITAR ENSEMBLE
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.

• 21870				HOLZMAN, A

ENS 189H HARP ENSEMBLE
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.

• 21875				LEONARD, D

ENS 189N SAXOPHONE CHOIR
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 109N.

• 21880	TTH	1230 - 200P	MRH 2.118	PAGE, S

ENS 189P PERCUSSION ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 109D.

• 21885	TTH	1230 - 200P	MRH 6.222	BURRITT, T

ENS 189T TROMBONE CHOIR
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 109T.

• 21890	TTH	1230 - 200P	MRH 2.114	BRICKENS, N

ENS 096C CONJUNTO ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106C, ENS 186C.

• 21895	TTH	500 - 630P	MRH 6.252	BARRERA, J

ENS 096E EARLY MUSIC ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106E, ENS 186E.

• 21900	M	600 - 900P	MRH 6.252	OLIVIERI, G

ENS 096J JAVA GAMELAN ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106J, ENS 186J.

• 21905	M	400 - 600P	MRH 3.306	SLAWEK, S

ENS 096K HISPANIC CARIBBEAN ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106K, ENS 186K.

• 21910	W	500 - 800P	MRH 6.252	MOORE, R

ENS 096M MARIACHI ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106M, ENS 186M.

• 21915	TW	530 - 730P	MRH 2.106	CASTRO, E

ENS 096N NORTH INDIAN MUSIC ENSEMBLE
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.

• 21920				SLAWEK, S

ENS 096T MIDDLE EASTERN ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106T, ENS 186T.

• 21925	TH	600 - 1000P	MRH 2.614	SEEMAN, S

ENS 096V AFRICAN AMRCN VOCAL ENSEMBLE
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106F, ENS 186V.

• 21930	M	700 - 1000P	MRH 2.614	CARSON, C

MUS 201M BEG MUSIC PERF: CLASS PIANO
May be repeated for credit. Credit granted only when taken as a secondary instrument. Open only to music majors. Prerequisite: Ability to read music, and concurrent enrollment in Music 605A or consent of instructor. No experience on the instrument required;for those with experience, consent by audition required.

• 21985	MWF	800 - 900	MRH 4.194	HILLEY, M
• 21990	MWF	900 - 1000	MRH 4.194	HILLEY, M
• 21995	MWF	1100 - 1200	MRH 4.194	HILLEY, M
• 22000	TTH	1230 - 200P	MRH 4.194	HILLEY, M

BEG MUSIC PERF: CLASS PIANO
May be repeated for credit. Credit granted only when taken as a secondary instrument. Open only to music majors. Prerequisite: Ability to read music, and concurrent enrollment in Music 605A or consent of instructor. No experience on the instrument required;for those with experience, consent by audition required. Restricted to students in the Butler School of Music First Year Interest Group.

• 22010	TTH	930 - 1100	MRH 4.194	HILLEY, M

MUS 101Q BEGINNING GUITAR CLASS
Class instruction in beginning guitar performance for non-music majors or music majors studying a secondary instrument. Prerequisite: Ability to read music. Students must provide their own six-string nylon (classical) guitar.

• 22015	W	1200 - 100P	MRH 5.138	HOLZMAN, A

MUS 101V BEGINNING VIOLIN CLASS
Class instruction in beginning violin performance for non-music majors or music majors studying a secondary instrument. Prerequisite: Ability to read music.

• 22020	TTH	1100 - 1200	MRH 5.246	MYERS, R

MUS 302L INTRODUCTION TO WESTERN MUSIC
Introduction to musical styles in the Euro-American art music tradition between the Middle Ages and the present day. Designed to foster criticallistening and thinking about music, and deepen understanding of the vital role that music has played and continues to play in society and inindividual lives. Only one of the following may be counted: European Studies 307 (Topic: Introduction to Western Music), 307M, Music 302L. same as EUS 307M.

• 22025	MWF	1100 - 1200	MRH 2.608	
	T	500 - 600P	MRH 2.610	
• 22030	MWF	1100 - 1200	MRH 2.608	
	TH	500 - 600P	MRH 2.610	
• 22035	MWF	1100 - 1200	MRH 2.608	
	T	600 - 700P	MRH 2.610	
• 22040	MWF	1100 - 1200	MRH 2.608	
	TH	600 - 700P	MRH 2.610	

INTRODUCTION TO WESTERN MUSIC
Designed to accommodate 100 or more students. Introduction to musical styles in the Euro-American art music tradition between the Middle Ages and the present day. Designed to foster criticallistening and thinking about music, and deepen understanding of the vital role that music has played and continues to play in society and inindividual lives. Only one of the following may be counted: European Studies 307 (Topic: Introduction to Western Music), 307M, Music 302L. same as EUS 307M.

• 22045	MWF	100 - 200P	GSB 2.124	
	M	500 - 600P	MRH 4.116	
• 22050	MWF	100 - 200P	GSB 2.124	
	T	500 - 600P	MRH 4.116	
• 22055	MWF	100 - 200P	GSB 2.124	
	W	500 - 600P	MRH 4.116	
• 22060	MWF	100 - 200P	GSB 2.124	
	TH	500 - 600P	MRH 4.116	
• 22065	MWF	100 - 200P	GSB 2.124	
	T	600 - 700P	MRH 2.604	
• 22070	MWF	100 - 200P	GSB 2.124	
	T	600 - 700P	MRH 4.116	
• 22075	MWF	100 - 200P	GSB 2.124	
	TH	600 - 700P	MRH 2.604	
• 22080	MWF	100 - 200P	GSB 2.124	
	TH	600 - 700P	MRH 4.116	

MUS 303C FUNDMNTL MUS: CLASSRM INSTRMNT
Additional hour(s) to be arranged. Explores how music intelligently combines reading, analysis, discussion,composition, and active involvement in music making. Through analysis, performance, and practice of the pedagogy of music for children, explores the roles of music in human culture and examine music's contributions to human communication, creative expression, and well-being. Only one of the following may be counted: MUS 303C, 605, 313.

• 22085	MWF	900 - 1000	MRH 4.130	BATISLAONG, L
• 22090	MWF	1000 - 1100	MRH 4.130	BATISLAONG, L

MUS 303D FUNDAMENTALS OF MUSIC: GUITAR
Additional hour(s) to be arranged. Explores how music intelligently combines reading, analysis, discussion,composition, and active involvement in music making. Through analysis, performance, and discussion of the guitar in the folk and popular music of Western and non-Western cultures, explores music's contributions to human communication, creative expression, and well-being. Only one of the following may be counted: MUS 303D, 605, 313.

• 22095	MWF	100 - 200P	MRH 4.126	COX, K

FUNDAMENTALS OF MUSIC: GUITAR
Additional hour(s) to be arranged. Explores how music intelligently combines reading, analysis, discussion,composition, and active involvement in music making. Through analysis, performance, and discussion of the guitar in the folk and popular music of Western and non-Western cultures, explores music's contributions to human communication, creative expression, and well-being. Only one of the following may be counted: MUS 303D, 605, 313. meets with MUS 115G.

• 22100	MWF	200 - 300P	MRH 4.126	COX, K

MUS 303E FUNDAMENTALS OF MUSIC: PIANO
Additional hour(s) to be arranged. Explores how music intelligently combines reading, analysis, discussion,composition, and active involvement in music making. Through analysis, performance, and discussion of the piano in the folk and popular music of Western and non-Western cultures, explores music's contributions to human communication, creative expression, and well-being. Only one of the following may be counted: MUS 303E, 605, 313.

• 22105	MWF	900 - 1000	MRH 4.184	PENCE, S
• 22110	TTH	930 - 1100	MRH 4.184	PENCE, S
• 22115	MWF	1100 - 1200	MRH 4.184	PENCE, S

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course	unique	days	time	room	instructor

MUS 303M INTRO MUS IN WORLD CULTURES

Exploration of practices, beliefs, and issues through the study of various musical genres in the regions of Asia, the Middle East, Africa, the Pacific, Europe, and the Americas. Only one of the following may be counted: Asian Studies 303M, Middle Eastern Studies 310 (Topic: Introduction to Music In World Cultures), 310 (Topic 5), Music 303M. same as MES 310 (TOPIC 5).

• 22120	TTH	930 - 1100	MRH 2.608	
	M	500 - 600P	MRH 2.604	
• 22125	TTH	930 - 1100	MRH 2.608	
	W	500 - 600P	MRH 2.604	
• 22130	TTH	930 - 1100	MRH 2.608	
	M	600 - 700P	MRH 2.604	
• 22135	TTH	930 - 1100	MRH 2.608	
	W	600 - 700P	MRH 2.604	

MUS 605A MUSICIANSHIP

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Study of the fundamentals of music for music majors through tonal harmony, ear training, sight-singing, keyboard drill, analysis, and composition of music. Only one of the following may be counted: MUS 303C, 605, 313; MUS 303D, 605, 313; MUS 303E, 605, 313; MUS 303F, 605, 313. Prerequisite: For 605A, either satisfactory completion of the audition required for admission to the Butler School of Music and registration inclass piano as assigned by the Butler School of Music, or consent of instructor; for 605B, Music 605A with a grade of at least C, and registration in class piano as assigned by the Butler School of Music orconsent of instructor.

• 22140	MWF	900 - 1000	MRH M3.113	TURCI, J
	TTH	830 - 930	MRH M3.114	
• 22145	MWF	900 - 1000	MRH M3.113	TURCI, J
	TTH	830 - 930	MRH 4.126	
• 22150	MWF	900 - 1000	MRH 2.634	TURCI, J
	TTH	1000 - 1100	MRH M3.113	
• 22155	MWF	900 - 1000	MRH 2.634	TURCI, J
	TTH	1100 - 1200	MRH 2.614	
• 22160	MWF	1100 - 1200	MRH 2.634	TURCI, J
	TTH	1000 - 1100	MRH 4.126	
• 22165	MWF	1100 - 1200	MRH 2.634	TURCI, J
	TTH	1000 - 1100	MRH 5.244	
• 22170	MWF	1100 - 1200	MRH 4.126	TURCI, J
	TTH	830 - 930	MRH M3.113	

MUSICIANSHIP

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Study of the fundamentals of music for music majors through tonal harmony, ear training, sight-singing, keyboard drill, analysis, and composition of music. Only one of the following may be counted: MUS 303C, 605, 313; MUS 303D, 605, 313; MUS 303E, 605, 313; MUS 303F, 605, 313. Prerequisite: For 605A, either satisfactory completion of the audition required for admission to the Butler School of Music and registration inclass piano as assigned by the Butler School of Music, or consent of instructor; for 605B, Music 605A with a grade of at least C, and registration in class piano as assigned by the Butler School of Music orconsent of instructor. Restricted to students in the Butler School of Music First Year Interest Group.

• 22175	MWF	1100 - 1200	MRH M3.113	TURCI, J
	TTH	1100 - 1200	MRH 4.126	
• 22180	MWF	1100 - 1200	MRH M3.113	TURCI, J
	TTH	1100 - 1200	MRH 5.244	

MUS 306M ELEMENTS OF MUSIC

Designed to accommodate 35 or fewer students. Fundamentals of music including the study of notation and the elements of rhythm, melody, and harmony; development of elementary aural skills; and writing of simple compositions. Music 606 and 306M may not both be counted. Open to all University students except music majors.

• 22185	MWF	900 - 1000	MRH 3.124	TURCI, J

ELEMENTS OF MUSIC

Fundamentals of music including the study of notation and the elements of rhythm, melody, and harmony; development of elementary aural skills; and writing of simple compositions. Music 606 and 306M may not both be counted. Open to all University students except music majors.

• 22190	MWF	1000 - 1100	MRH 2.610	
• 22195	MWF	1200 - 100P	MRH 2.634	
• 22200	TTH	1230 - 200P	MRH 2.604	
• 22205	MWF	100 - 200P	MRH 2.634	MCDONNELL, C

MUS 307 1-MUSIC OF AFRICAN AMERICANS

Course number may be repeated for credit when the topics vary. Studies of the popular music of a selected culture or geographical area.Introduction to the variety of modes of expression of African American culture in music and other related genres. Only one of the following may be counted: African and African Diaspora Studies 317 (Topic 2: Music of African Americans), 317F (Topic 2), Music307 (Topic 1). Open to all University students. same as AFR 317F (TOPIC 2).

• 22210	MWF	1200 - 100P	MRH 2.608	CARSON, C
	T	500 - 600P	MRH 2.634	
• 22215	MWF	1200 - 100P	MRH 2.608	CARSON, C
	TH	500 - 600P	MRH 2.634	
• 22220	MWF	1200 - 100P	MRH 2.608	CARSON, C
	T	600 - 700P	MRH 2.634	
• 22225	MWF	1200 - 100P	MRH 2.608	CARSON, C
	TH	600 - 700P	MRH 2.634	

2-HISTORY OF ROCK MUSIC

Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. Studies of the popular music of a selected culture or geographical area. Open to all University students.

• 22230	MWF	1200 - 100P	FAC 21	SLAWEK, S
	T	500 - 600P	MRH M3.114	
• 22235	MWF	1200 - 100P	FAC 21	SLAWEK, S
	TH	500 - 600P	MRH M3.114	
• 22240	MWF	1200 - 100P	FAC 21	SLAWEK, S
	T	600 - 700P	MRH M3.113	
• 22245	MWF	1200 - 100P	FAC 21	SLAWEK, S
	T	600 - 700P	MRH M3.114	
• 22250	MWF	1200 - 100P	FAC 21	SLAWEK, S
	TH	600 - 700P	MRH M3.113	
• 22255	MWF	1200 - 100P	FAC 21	SLAWEK, S
	TH	600 - 700P	MRH M3.114	
• 22260	MWF	1200 - 100P	FAC 21	SLAWEK, S
	T	700 - 800P	MRH M3.113	
• 22265	MWF	1200 - 100P	FAC 21	SLAWEK, S
	T	700 - 800P	MRH M3.114	
• 22270	MWF	1200 - 100P	FAC 21	SLAWEK, S
	TH	700 - 800P	MRH M3.113	
• 22275	MWF	1200 - 100P	FAC 21	SLAWEK, S
	TH	700 - 800P	MRH M3.114	
• 22280	MWF	1200 - 100P	FAC 21	SLAWEK, S
	T	800 - 900P	MRH M3.114	
• 22285	MWF	1200 - 100P	FAC 21	SLAWEK, S
	TH	800 - 900P	MRH M3.114	

3-JAZZ APPRECIATION

Designed to accommodate 100 or more students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Studies of the popular music of a selected culture or geographical area. Open to all University students. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.

• 22290	TTH	1100 - 1215P		HELLMER, J

MUS 007P STRING EDUCATION: TEACH/LEARN

May be repeated for credit. Discussion of curriculum planning, lesson observation, and program management topics, as well as guest pedagogues and master teacher presentations. Restricted to current String Project program instructors in the Butler School of Music. Prerequisite: Acceptance of teaching application for the String Project program.

• 22295	W	300 - 400P	MRH M3.113	SCOTT, L

MUS 210J BEG MUS PERF: 3RD-SEM CLS PIA

Designed to accommodate 35 or fewer students. May be repeated for credit. Continuation of Music 201N. Credit granted only when taken as a secondary instrument. Open only to music majors. Prerequisite: Music 201N completed the previous semester with a grade of at least C, or consent by audition.

• 22300	MWF	800 - 900	MRH 4.184	HILLEY, M

BEG MUS PERF: 3RD-SEM CLS PIA

May be repeated for credit. Continuation of Music 201N. Credit granted only when taken as a secondary instrument. Open only to music majors. Prerequisite: Music 201N completed the previous semester with a grade of at least C, or consent by audition.

• 22310	TTH	1100 - 1230P	MRH 4.194	HILLEY, M

MUS 411A EAR TRAINING AND SIGHT-SINGING

Material drawn from all musical styles. Prerequisite: For 411A, Music 605B with a grade of at least C, and concurrent enrollment in Music 612A; for 411B, Music 411A with a grade of at least C and concurrent enrollment in Music 612B.

• 22320	TTH	830 - 930	MRH 2.610	WHEELDON, M
	T	930 - 1030	MRH 4.116	
• 22325	TTH	830 - 930	MRH 2.610	WHEELDON, M
	TH	930 - 1030	MRH 4.116	
• 22330	TTH	930 - 1030	MRH 2.634	WHEELDON, M
	T	830 - 930	MRH 4.116	
• 22335	TTH	930 - 1030	MRH 2.634	WHEELDON, M
	TH	830 - 930	MRH 4.116	
• 22340	TTH	1100 - 1200	MRH 2.610	WHEELDON, M
	T	1230 - 130P	MRH 4.116	
• 22345	TTH	1100 - 1200	MRH 2.610	WHEELDON, M
	TH	1230 - 130P	MRH 4.116	

MUS 111E ENGLISH DICTION & PHONET TRANS

Study of English diction and phonetic translation specifically for musicians. Emphasis on the International Phonetic Alphabet. Open only to music majors.

• 22350	M	800 - 900	MRH 4.116	MORROW, C

MUS 311G GERMAN FOR MUSICIANS

Laboratory hour(s) to be arranged. German language and diction specifically for musicians. Open only to music majors.

• 22355	MWF	1100 - 1200	DFA 4.116	SNYDER, L

MUS 612A STRUCTURE OF TONAL MUSIC

Additional hour(s) to be arranged. Elements of tonal harmony and form; tonal analysis. Prerequisite: For 612A, Music 605B with a grade of at least C, concurrent enrollment

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in Music 411A, and registration in class piano as assigned by the Butler School of Music or consent of instructor; for 612B, Music 612A with a grade of at least C, concurrent enrollment in Music 411B, and registration in class piano as assigned by the ButlerSchool of Music or consent of instructor.

• 22360	MWF	1000 - 1100	MRH M3.113	MCDONNELL, C
• 22365	MWF	1000 - 1100	MRH M3.114	MCDONNELL, C
• 22370	MWF	1000 - 1100	MRH 2.604	MCDONNELL, C
• 22375	MWF	1100 - 1200	MRH 2.604	MCDONNELL, C

MUS 213M HISTORY OF MUSIC I

Additional hour(s) to be arranged. Offered on the letter-grade basis only. The history of music from the beginning of notation to the eighteenth century. Restricted to music majors. Prerequisite: Music 605 and 312C, or consent of instructor.

• 22380	WF	900 - 1000	MRH 2.608	DELL'ANTONIO, A
	T	1100 - 1200	MRH M3.114	
• 22385	WF	900 - 1000	MRH 2.608	DELL'ANTONIO, A
	T	1230 - 130P	MRH 2.610	
• 22390	WF	900 - 1000	MRH 2.608	DELL'ANTONIO, A
	TH	1230 - 130P	MRH 2.610	
• 22395	WF	900 - 1000	MRH 2.608	DELL'ANTONIO, A
	T	500 - 600P	MRH 2.604	

MUS 214C BEGINNING COMPOSITION

Laboratory hour(s) to be arranged. May be repeated for credit. Introduction to contemporary composition through the analysis and writing of short studies and through supervised original projects. Prerequisite: Concurrent enrollment in Music 411 and 612, or consent of instructor.

• 22400	TTH	1230 - 130P	MRH 4.126	GRANTHAM, D

MUS 115D STRING INSTRUMENT FUNDAMENTALS

Hour(s) to be arranged. Beginning instruction in string instrument performance and pedagogy. This course is offered in the following instruments: double bass, viola,violin, and violoncello. May not be repeated for credit on the same instrument. May not be taken by music majors in their principal instrument. Prerequisite: A major in music.

• 22405

MUS 115E BRASS INSTRUMENT FUNDAMENTALS

Hour(s) to be arranged. Beginning instruction in brass instrument performance and pedagogy. Thiscourse is offered in the following instruments: euphonium, French horn, trombone, trumpet, and tuba. May not be repeated for credit on the same instrument. May not be taken by music majors in their principal instrument. Prerequisite: A major in music.

• 22410

MUS 115F WOODWIND INSTRUMENT FUNDMNTLS

Hour(s) to be arranged. Beginning instruction in woodwind instrument performance and pedagogy. This course is offered in the following instruments: bassoon, clarinet, flute, oboe, and saxophone. May not be repeated for credit on the same instrument. May not be taken by music majors in their principal instrument. Prerequisite: A major in music.

• 22415

MUS 115G GUITAR FUNDAMENTALS

Laboratory hour(s) to be arranged. Beginning instruction in guitar performance and pedagogy. Prerequisite: A major in music or consent of instructor. meets with MUS 303D.

• 22420	MWF	200 - 300P	MRH 4.126	COX, K

MUS 115T LOWER-DIVISION REED MAKING

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Consent of instructor.

• 22425

MUS 218J BEGINNING JAZZ IMPROVISATION

Study of basic jazz improvisational skills through performance of standard literature. Prerequisite: Music 605 or consent of instructor.

• 22430	MW	1000 - 1100	MRH 6.248	FREMGEN, J

MUS 319D FOUNDATIONS DIGITAL SOUND/MUS

Designed to accommodate 35 or fewer students. Introduction to the practice of creating music with computer technologies and the basic techniques of recording, editing and producing digital audio tracks, including introduction to musical acoustics and psychoacoustics, fundamentals of audio recording, editing, mixing, and processing, MIDI, digital audio workstations, and syncing sound to video. Only one of the following may be counted: Arts and Entertainment Technologies 305, Fine Arts 310 (Topic: Foundations of Digital Sound and Music), Music 319D. Priority given to music majors, in particular composition majors. meets with AET 305.

• 22435	TTH	1100 - 1230P	MRH 3.124	NOKES, N
• 22440	TTH	930 - 1100	MRH 3.124	NOKES, N

MUS 420J JUNIOR JAZZ RECITAL

Hour(s) to be arranged. Preparation and performance of a half-hour public recital in the major jazz instrument. Prerequisite: For jazz composition majors, course 212J in the major jazz instrument for two semesters, or the equivalent, and approval of the jazz faculty; for jazz performance majors, course 412J in the major jazz instrument for two semesters, or the equivalent, and approval of the jazz faculty.

• 22445

MUS 220P PRACTICUM IN WORLD MUSIC TRAD

Hour(s) to be arranged. May be repeated for credit. Advanced training on a non-Western musical instrument such as Javanese gender barung, Indian sitar, Arabic qanun, or Korean kayakeum, or advanced training in a non-Western vocal style, and other approved musical practices. Open to any University student who can qualify by audition. Prerequisite: Upper-division standing; two semesters of enrollment in a non-Western music ensemble, such as Javanese Gamelan, Middle Eastern or North Indian Music ensemble, or other approved music ensembles, and consent of instructor.

• 22450

MUS 420R JUNIOR RECITAL

Hour(s) to be arranged. Preparation and performance of a half-hour public recital in the major instrument. Prerequisite: Performance 312 in the major instrument for four semesters, or Voice 210 for four semesters, or the equivalent; and approval of the faculty.

• 22455

MUS 321J 20TH-CENT MUSICAL ANALYSIS

Introduction to the theory and practice of music since 1900. Includes various analytical approaches to the wide range of musical styles developed over the course of the twentieth- and twenty-first centuries, as well as the music of mainstream twentieth century composers and living composers. Both analytical and aural skills are emphasized. Prerequisite: Music 411 and 612.

• 22460	TTH	930 - 1100	MRH 2.604	CHANDLER, B
• 22465	MWF	1100 - 1200	MRH M3.114	MCDONNELL, C

MUS 222J INSTRUMENTAL CONDUCTING

Includes rudimentary use of baton, regular and irregular beat patterns, subdivisions and beat pattern variations as applied to simple instrumental literature, and practical experience in conducting instrumental groups. Designed for those who have had no experience in conducting. Prerequisite: Upper-division standing in music or consent of instructor.

• 22470	TTH	1100 - 1200	MRH 2.114	HANNA, S
• 22475	TTH	1100 - 1200	MRH 2.118	KELLY, R
• 22480	TTH	200 - 300P	MRH 2.114	KELLY, R

MUS 223J CHORAL CONDUCTING

Includes regular and irregular beat patterns, subdivisions and beat pattern variations as applied to simple choral literature, and practical experience in conducting vocal groups. Designed for those who have had no experience in conducting. Prerequisite: Upper-division standing in music.

• 22485	TTH	1100 - 1230P	MRH 2.106	PENCE, S

MUS 224G INTERMEDIATE COMPOSITION

Hour(s) to be arranged. May be repeated for credit. Continuation of Music 214C. Prerequisite: Music 214C with a grade of at least B, and approval of themusic theory and composition faculty.

• 22490

MUS 224J ADVANCED COMPOSITION

Hour(s) to be arranged. Continuation of Music 224G for composition majors only. With consent of the music theory and composition faculty, may be repeated for credit. Prerequisite: Music 224G with a grade of at least B, and approval of the music theory and composition faculty.

• 22495

MUS 325L COUNTERPOINT

Designed to accommodate 35 or fewer students. Development of contrapuntal skill in sixteenth-century style and in related late-twentieth-century styles; the teaching of counterpoint, including Fuxian species. Prerequisite: Music 411 and 612.

• 22500	MWF	900 - 1000	MRH 4.116	

MUS 226J ORCHESTRATION & INSTRUMENTATN

Study of the characteristics of individual instruments; writing for various combinations; study of scores of different periods; listening to recordings and live performances. Prerequisite: Music 411 and 612.

• 22505	MW	900 - 1000	MRH M3.114	GRANTHAM, D
• 22510	TTH	200 - 300P	MRH M3.114	SHARLAT, Y

MUS 228G JAZZ THEORY I

Study of the elements of jazz and popular styles, with emphasis on written theory and keyboard skills. Prerequisite: Music 201N and 605, or consent of instructor.

• 22515	TTH	1000 - 1100	MRH 6.248	FREMGEN, J

MUS 228K BEGINNING JAZZ PIANO TECHNIQS

Additional hour(s) to be arranged. Designed for music majors (pianists and nonpianists) seeking basic skills in chord notation, chord interpretation and voicing, voice leading, and chord and scale relationships for improvisation. Prerequisite: Music 210K and 612, or consent of instructor.

• 22520	TTH	1100 - 1200	MRH 4.184	FREMGEN, J

MUS 328M STUDIO ARRANGING

Designed to accommodate 35 or fewer students. Techniques of composing and arranging for standard jazz and popular music instrumental combinations in varied styles. With consent of instructor, may be repeated for credit. Prerequisite: Music 612 and 228G, or consent of instructor.

• 22522	MWF	1100 - 1200	MRH 6.248	MILLS, J

MUS 228P JAZZ COMPOSITION

Hour(s) to be arranged. May be repeated for credit. Individual instruction in the creative process of composition, involvingthe melodic, harmonic, and rhythmic components of various jazz styles. Prerequisite: Music 328M or consent of instructor.

• 22525

MUS 329E INTRO TO ELECTRONIC MEDIA

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class.

April 3, 2018

course	unique	days	time	room	instructor

Introduction to the fundamentals of recording, tape editing, and electronic music synthesis. Prerequisite: Upper-division standing and consent of instructor.

	• 22530	TTH	330 - 500P	MRH 3.124	MARTINEZ, J

MUS 329F PROJECTS IN ELECTRONIC MEDIA

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Continuation of Music 329E for nontheory and noncomposition majors. Prerequisite: Music 329E and consent of instructor.

• 22535

MUS 329G INTERMEDIATE ELECTRONIC COMP

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Continuation of Music 329E for music theory or composition majors. Prerequisite: Music 329E and consent of instructor.

• 22540

MUS 329J INTRODUCTION TO COMPUTER MUSIC

Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. An introduction to the basic concepts of digital music synthesis and signal processing. Arts and Entertainment Technologies 331 and Music 329J may not both be counted. Prerequisite: Music 329E and consent of instructor.

	• 22545	TTH	200 - 330P	MRH 4.170	

MUS 230L HISTORY OF MUSIC III

Additional hour(s) to be arranged. Offered on the letter-grade basis only. The history of music from the early twentieth century to the present. Restricted to music majors. Prerequisite: Music 213N or 313N, or consent of instructor.

	• 22550	WF	1000 - 1100	MRH 2.608	CARSON, C
		T	830 - 930	MRH 2.614	
	• 22555	WF	1000 - 1100	MRH 2.608	CARSON, C
		T	330 - 430P	MRH M3.113	
	• 22560	WF	1000 - 1100	MRH 2.608	CARSON, C
		TH	330 - 430P	MRH M3.113	
	• 22565	WF	1000 - 1100	MRH 2.608	CARSON, C
		T	500 - 600P	MRH M3.113	

MUS 334 1-MUSIC OF MEXICO & CARIBBEAN

Course number may be repeated for credit when the topics vary. Studies of both indigenous and borrowed traditions in the popular, folk,and art music of the Americas from the colonial period to the present. Introduction to the history of Mexican and Caribbean traditional and commercial music, with some discussion of classical music as well. Attention will be given to music of indigenous, African, European, and mixed origin. Mexico and the Spanish-speaking Caribbean receive special attention. Class meetings will be divided into lecture/discussion segments, videos, listening, and performance instruction/demonstration. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Music of Mexico and the Caribbean), 374F (Topic 22), Latin American Studies 322 (Topic: Music of Mexico and the Caribbean), 326 (Topic 1), Music 334 (Topic 1). Prerequisite: Upper-division standing. Prerequisite: Upper-division standing. same as AFR 374F (TOPIC 22), LAS 326 (TOPIC 1). also meets with MUS 380.

	• 22570	TTH	1100 - 1230P	MRH 2.634	MOORE, R
		M	500 - 600P	MRH 4.126	
	• 22575	TTH	1100 - 1230P	MRH 2.634	MOORE, R
		M	600 - 700P	MRH 4.126	

MUS 342 MUSIC OF SOUTH AFRICA

Course number may be repeated for credit when the topics vary. Studies of the musical traditions of selected cultures or geographical areas. Prerequisite: Upper-division standing.

	• 22580	TTH	930 - 1100	DFA 4.106	ERLMANN, V

MUS 354C CHILDREN'S MUS LIT AND PERF I

Laboratory hour(s) to be arranged. Literature, materials, and music performance activities appropriate for young children. Prerequisite: Music 605 or 313, upper-division standing in music studies, or consent of instructor.

	• 22585	MWF	1100 - 1200	MRH 4.130	JELLISON, J

MUS 354F MUS PERF, LISTENING, & APPREC

Additional hour(s) to be arranged. Techniques and materials for the development of skill in composition, arranging, performance, and aural discrimination; problems related to the adolescent voice.

	• 22590	TTH	800 - 930	MRH 2.106	PENCE, S

MUS 354S GAME DEV CAPSTNE: 2-D GAMES

Participation in an interdisciplinary team to gain a thorough understanding of the two-dimensional game development process, through modeling of the environment and practices that are used in game studios. Only one of the following may be counted: Computer Science 354S, 378 (Topic: Game Development Capstone: 2D Games), Music 354S, 376J (Topic: Game Development Capstone: 2D Games), Theatre and Dance 354T (Topic 17). Prerequisite: For computer science majors, Computer Science 429 or 429H with a grade of at least C- and consent of instructor; for others, consent of instructor. same as C S 354S, T D 354T (TOPIC 17). also meets with ART 379S (TOPIC 1), AET 376, RTF 344T (TOPIC 1).

	• 22595	MF	1230 - 200P	GDC 6.202	TOPRAC, P
		W	600 - 900P		

MUS 155C TECHNIQUES OF PERCUSSION PERF

Percussion performance techniques for individual and ensemble settings, including appropriate literature and rehearsal procedures. Prerequisite: Upper-division standing in music studies.

	• 22600	TTH	1100 - 1200	MRH 6.222	EDWARDS, W

MUS 255F TECHNIQUES OF WOODWIND PERF

Woodwind instrument performance techniques for individual and ensemble settings, including appropriate literature and rehearsal procedures. Prerequisite: Upper-division standing in music studies.

	• 22605	TTH	800 - 930	MRH 2.114	SIMMONS, A

MUS 255M MARCHING BAND TECHNIQUES

Laboratory hour(s) to be arranged. Literature, materials, and techniques of the marching band. Prerequisite: Upper-division standing in music studies.

	• 22610	TTH	930 - 1030	MRH 2.114	GALL, J

MUS 255V TECHNIQUES OF VOCAL PERFORMNC

Technique of individual and ensemble singing practiced through the study of vocal literature. Prerequisite: Upper-division standing in music studies.

	• 22615	TTH	830 - 930	MRH 2.634	MORROW, C

MUS 356G CHORAL ENS LITERATURE/PERF

Additional hour(s) to be arranged. Choral music literature; rehearsal and performance techniques for choirsand small ensembles. Prerequisite: Upper-division standing in music studies or consent of instructor.

	• 22620	TTH	930 - 1100	MRH 2.106	PENCE, S

MUS 456G CHORAL ENS LITERATURE/PERF

Choral music literature; rehearsal and performance techniques for choirsand small ensembles. Prerequisite: Upper-division standing in music studies or consent of instructor. Taught in Austin-area middle schools and high schools.

	• 22622	TTH	800 - 1100		PENCE, S

MUS 259C CHAMBER MUSIC: BRASS

Additional hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing, Music 411 and 612, and consent ofinstructor. meets with MUS 281C.

	• 22625	TH	330 - 500P	MRH 2.114	

MUS 259E CHAMBER MUSIC: PERCUSSION

Hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing, Music 411 and 612, and consent ofinstructor.

• 22630

MUS 159J HARP REPERTOIRE

Hour(s) to be arranged. May be repeated for credit. Study and performance of the harp repertoire. Prerequisite: Consent of instructor.

	• 22635				LEONARD, D

MUS 259L VOCAL REPERTOIRE COACHING

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Consent of instructor.

• 22640

MUS 259N CHAMBER MUS: STRINGS AND PIANO

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing, Music 411 and 612, and consent ofinstructor.

• 22645

MUS 259R CHAMBER MUSIC: SAXOPHONE

Hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing, Music 411 and 612, and consent ofinstructor.

• 22650

MUS 259T REED MAKING

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor.

• 22655

MUS 259W CHAMBER MUSIC: WOODWINDS

Additional hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing, Music 411 and 612, and consent ofinstructor. meets with MUS 281W.

	• 22660	M	400 - 600P	MRH 2.610	

MUS 160C SENIOR COMPOSITION RECITAL

Hour(s) to be arranged. Preparation and performance of a thirty-minute public recital of the student's original compositions. Open only to music composition majors.

• 22665

MUS 460J SENIOR JAZZ RECITAL

Hour(s) to be arranged. Preparation and performance of a one-hour public recital in the major jazz instrument. Open only to jazz performance majors. Prerequisite: Music 420J and approval of the jazz faculty.

• 22670

MUS 460R SENIOR RECITAL

Hour(s) to be arranged. Preparation and performance of a one-hour public recital in the major instrument. Open only to music performance majors. Prerequisite: For performance majors approved to pursue a pedagogy emphasis, approval of the faculty; for other performance majors, Music 420R and approval of the faculty.

• 22675

April 9, 2015

course unique days time room instructor

MUS 262C INTERMED INSTRMNTAL CONDUCTING
Additional hour(s) to be arranged. May be repeated for credit. Problems and interpretation of larger band and orchestral works; analytical study of musical form as it relates to conducting; a synthesis of musical understanding and expansion of comprehensive musicianship through conducting problems. Prerequisite: Upper-division standing and Music 222K.
• 22680 TTH 1000 - 1100 MRH 2.118 JUNKIN, J

MUS 366P SENIOR PIANO PEDAGOGY PROJECT
Hour(s) to be arranged. Students complete a research paper on a piano pedagogy topic, such as methodology, skills development, or repertoire. Open only to senior piano performance majors pursuing the pedagogy option. Prerequisite: Upper-division standing and Music 460P with a grade of at least B.
• 22685

MUS 368L REVIEW OF MUSIC THEORY
An intensive review of the skills and concepts required for the study of music theory at the graduate level. May not be counted toward a graduate degree. Prerequisite: Upper-division or graduate standing in music.
• 22690 TTH 1230 - 200P MRH M3.113 BUHLER, J

MUS 271P 1-PEDAGOGY: PIANO I
Course number may be repeated for credit when the topics vary. Designed primarily for students planning teaching careers. Offered in piano, voice, and orchestral instruments. Methods include individual andclass instruction through the use of music literature and the teaching repertoire. Practice teaching and laboratory for diagnostic and corrective methods are required. Prerequisite: Upper-division standing.
• 22695 TTH 200 - 300P MRH 5.244 GILMSON, S

5-PEDAGOGY: ORCHESTRAL INST I
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Designed primarily for students planning teaching careers. Offered in piano, voice, and orchestral instruments. Methods include individual andclass instruction through the use of music literature and the teaching repertoire. Practice teaching and laboratory for diagnostic and corrective methods are required. Prerequisite: Upper-division standing.
• 22700

6-PEDAGOGY: ORCHESTRAL INST II
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Designed primarily for students planning teaching careers. Offered in piano, voice, and orchestral instruments. Methods include individual andclass instruction through the use of music literature and the teaching repertoire. Practice teaching and laboratory for diagnostic and corrective methods are required. Prerequisite: Upper-division standing.
• 22705

MUS 376G US MUSIC/RELIGIOUS IDENTITY
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing and consent of instructor. meets with AMS 325, R S 346.
• 22710 MW 230 - 400P PHR 2.114 ROBERTS, J

MUS 176M MUSICAL LIVES
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing and consent of instructor.
• 22715 M 400 - 500P MRH 2.614 DUKE, R

MUS 176R GUITAR REPERTORY
Hour(s) to be arranged. May be repeated for credit. Restricted to music majors whose primary instrument is guitar. Prerequisite: Upper-division standing.
• 22720

MUS 276S BASSOON LITERATURE
Additional hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing
• 22725 T 200 - 330P MRH 5.246 JENSEN, K

MUS 276T FLUTE LITERATURE
Additional hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing
• 22730 T 200 - 330P MRH 2.608 GEDIGIAN, M

MUS 276U FRENCH HORN LITERATURE
May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing
• 22735 TTH 200 - 300P MRH 2.106 HUGHES, P

MUS 276V OBOE LITERATURE
Additional hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing
• 22740 TH 1230 - 200P MRH 5.246 PARKER, A

MUS 178C INDEPENDENT STUDY: MUSIC PERF
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22745

MUS 278C INDEPENDENT STUDY: MUSIC PERF
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22750

MUS 378C INDEPENDENT STUDY: MUSIC PERF
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22755

MUS 178G INDEPENDENT STUDY: MUSIC LIT
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22760

MUS 278G INDEPENDENT STUDY: MUSIC LIT
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22765

MUS 378G INDEPENDENT STUDY: MUSIC LIT
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22770

MUS 178J INDEPENDENT STUDY: MUSIC THRY
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22775

MUS 278J INDEPENDENT STUDY: MUSIC THRY
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22780

MUS 378J INDEPENDENT STUDY: MUSIC THRY
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22785

MUS 178M INDEPENDENT STUDY: MUSIC STDS
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22790

MUS 278M INDEPENDENT STUDY: MUSIC STDS
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22795

MUS 378M INDEPENDENT STUDY: MUSIC STDS
Hour(s) to be arranged. May be repeated for credit. Individual projects to be completed under faculty supervision. Prerequisite: Upper-division standing and consent of instructor and the director of the school.
• 22800

MUS 379K ORCHESTRAL LITERATURE-SYMPHONY
Course number may be repeated for credit when the topics vary. Two or more topics may be taken concurrently. Prerequisite: Music 612 and 313N, or upper-division standing and consentof instructor. meets with MUS 387L.
• 22805 TTH 1100 - 1230P MRH 2.604

20TH CENTURY CHAMBER MUSIC
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Two or more topics may be taken concurrently. Prerequisite: Music 612 and 313N, or upper-division standing and consentof instructor. meets with MUS 387L.
• 22810 MWF 900 - 1000 MRH 2.610

11-TOPICS IN CHORAL MUSIC
Course number may be repeated for credit when the topics vary. Two or more topics may be taken concurrently. Prerequisite: Music 612 and 313N, or upper-division standing and consentof instructor. meets with MUS 387L (TOPIC 6).
• 22815 MWF 200 - 300P MRH 2.106 MORROW, J

MUS 380 MUSIC OF MEXICO & CARIBBEAN
Course number may be repeated for credit when the topics vary. Historical and cultural studies of the music of various periods or places. Prerequisite: Graduate standing. meets with MUS 334 (TOPIC 1), LAS 326 (TOPIC 1), AFR 374F (TOPIC 22).
• 22820 TTH 1100 - 1230P MRH 2.634 MOORE, R

4-ADV STDS HIST MUS: 18TH CEN
Course number may be repeated for credit when the topics vary. Historical and cultural studies of the music of various periods or places. Prerequisite: Graduate standing.
• 22825 TTH 200 - 330P MRH M3.113 OLIVIERI, G

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course	unique	days	time	room	instructor

6-ADV STDS HIST MUS: 20TH CEN
Course number may be repeated for credit when the topics vary. Historical and cultural studies of the music of various periods or places. Prerequisite: Graduate standing.
• 22830 MWF 1100 - 1200 MRH 2.610

MUS 280M GROUP PIANO PEDAGOGY
The development of skills in teaching group piano; examination and evaluation of methods and materials used in keyboard instruction; learning styles; research. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22835 TTH 200 - 330P MRH 4.194 HILLEY, M

MUS 280N TECHNOLOGY IN VOICE STUDY
Additional hour(s) to be arranged. The integration of computer technology and audio-visual equipment into applied voice instruction. May be repeated for credit, but only two semester hours may be counted toward the Doctor of Musical Arts degree. Prerequisite: Graduate standing in music.
• 22840 MW 200 - 300P MRH 4.116 WILEY, D

MUS 180R VOCAL REPERTOIRE COACHING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22845

MUS 280R VOCAL REPERTOIRE COACHING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22850

MUS 180T ACCOMPANYING
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing.
• 22855 M 400 - 600P MRH 5.138 CAMPINHO, M

MUS 180V COLLAB PIANO: VOCAL & INSTRMTL
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22860

MUS 381 REF & RSCH MATERIALS IN MUSIC
Prerequisite: Graduate standing in music.
• 22865 TTH 1100 - 1230P DFA 4.116 OLIVIERI, G

MUS 281C CHAMBER MUSIC: BRASS
Additional hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with MUS 259C.
• 22870 TH 330 - 500P MRH 2.114

MUS 181D CHAMBER MUSIC: ARTIST DIPLOMA
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music students in the Artist Diploma program. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22875

MUS 281E CHAMBER MUSIC: PERCUSSION
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22880

MUS 381J 1-FOUNDATIONS OF MUSICOLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in music.
• 22885 W 200 - 500P DFA 4.116 TUSA, M

2-FOUNDATNS OF ETHNOMUSICOLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in music.
• 22890 TH 200 - 500P MRH 3.134 SEEMAN, S

MUS 281K CHAMBER MUSIC: PIANO
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22895

MUS 481M CHAMBER MUSIC: MASTERS QUARTET
Hour(s) to be arranged. May be repeated for credit. Restricted to Master of Music-Chamber Music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22900

MUS 281P 1-GRADUATE PEDAGOGY: PIANO I
Course number may be repeated for credit when the topics vary. Intensive study of the principles and methods of teaching various instruments at the college level. Music 480P and 281P may not both be counted. Restricted to graduate music majors. Prerequisite: Graduate standing.
• 22905 MW 1200 - 100P MRH 5.244 GILMSON, S

5-GRAD PED: ORCHSTRL INST I
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Intensive study of the principles and methods of teaching various instruments at the college level. Music 480P and 281P may not both be counted. Restricted to graduate music majors. Prerequisite: Graduate standing.
• 22910

6-GRAD PED: ORCHSTRL INST II
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Intensive study of the principles and methods of teaching various instruments at the college level. Music 480P and 281P may not both be counted. Restricted to graduate music majors. Prerequisite: Graduate standing.
• 22915

MUS 281R CHAMBER MUSIC: SAXOPHONE
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22920

MUS 281S CHAMBER MUSIC: STRINGS
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22925

MUS 281V CHAMBER MUSIC: VOCAL
Hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22930

MUS 281W CHAMBER MUSIC: WOODWINDS
Additional hour(s) to be arranged. May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with MUS 259W.
• 22935 M 400 - 600P MRH 2.610

MUS 384J 4-RESEARCH IN MUSIC EDUC I
Course number may be repeated for credit when the topics vary. Review and criticism of research, acoustics, and psychology. Prerequisite: Graduate standing.
• 22940 TTH 1100 - 1230P MRH 4.130 SIMMONS, A

MUS 284P PRACTICUM IN WORLD MUSIC TRAD
Hour(s) to be arranged. May be repeated for credit. Advanced training on a non-Western musical instrument such as Javanese gender barung, Indian sitar, Arabic qanun, or Korean kayakeum, or advanced training in a non-Western vocal style, and other approved musical practices. Open to any University student who can qualify by audition. Prerequisite: Graduate standing; two semesters of enrollment in a non-Western music ensemble, such as Javanese Gamelan, Middle Eastern or North Indian Music ensemble, or other approved music ensembles, and consent of instructor.
• 22945

MUS 385J INTRODUCTION TO COPYRIGHT
Course number may be repeated for credit when the topics vary. Intensive studies of special problems and/or issues in music, broadly defined. Prerequisite: Graduate standing.
• 22950 T 200 - 500P DFA 4.116 ERLMANN, V

THE FILM MUSICAL
Course number may be repeated for credit when the topics vary. Intensive studies of special problems and/or issues in music, broadly defined. Prerequisite: Graduate standing.
• 22955 M 200 - 500P MRH 3.134 LEWIS, H

MUS 385R DIRECTED RSCH IN MUSICOLOGY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22960

MUS 387L JAZZ ENSEMBLE LITERATURE
Course number may be repeated for credit when the topics vary. Analytical and historical studies of a particular repertoire. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22965 MWF 100 - 200P MRH 6.248 MILLS, J

ORCHESTRAL LITERATURE-SYMPHONY
Course number may be repeated for credit when the topics vary. Analytical and historical studies of a particular repertoire. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with MUS 379K.
• 22970 TTH 1100 - 1230P MRH 2.604

PIANO MUSIC-CHOPIN AND LISZT
Course number may be repeated for credit when the topics vary. Analytical and historical studies of a particular repertoire. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22975 TTH 930 - 1100 MRH 2.610 TUSA, M

20TH CENTURY CHAMBER MUSIC
Course number may be repeated for credit when the topics vary. Analytical and historical studies of a particular repertoire. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with MUS 379K.
• 22980 MWF 900 - 1000 MRH 2.610

April 3, 2018

course	unique	days	time	room	instructor

4-TPCS IN MUS FOR STRING INSTR
Course number may be repeated for credit when the topics vary. Analytical and historical studies of a particular repertoire. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22985 M 400 - 700P MRH 5.246 MYERS, R

6-TOPICS IN CHORAL MUSIC
Course number may be repeated for credit when the topics vary. Analytical and historical studies of a particular repertoire. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with MUS 379K (TOPIC 11).
• 22990 MWF 200 - 300P MRH 2.106 MORROW, J

12-TPCS COLLABORATV PIANO LIT
Course number may be repeated for credit when the topics vary. Analytical and historical studies of a particular repertoire. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22995 M 400 - 700P MRH M3.113 VALENTINE, C

MUS 388C COMPOSITION
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 23000

MUS 388E ELECTRONIC COMPOSITION
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 23005

MUS 388G GRADUATE MEDIA PROJECT
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 23010

MUS 388J IMPROV STYLES AND TECHNIQUES
Designed to accommodate 35 or fewer students. The study and analysis of jazz improvisation. Music 688 (Topic 16) and 388J may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 23012 MWF 100 - 200P MRH 6.248 HELLMER, J

MUS 388K PROJECT IN JAZZ COMPOSITION
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 23015

MUS 388M 3-CONTEMP STYLES & TECHNIQUES
Course number may be repeated for credit when the topics vary. Music 688 (Topic 9) and 388M (Topic 3) may not both be counted. Prerequisite: Graduate standing in music or graduate standing and consent of instructor; additional prerequisites vary by topic. Additional prerequisite: Graduate standing in music theory or composition, or graduate standing and consent of instructor.
• 23020 TTH 200 - 330P MRH 4.126 DROTT, E

MUS 388R DIRECTED RSCH IN MUSIC THEORY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 23025

MUS 388S VIRTUAL AGENCY/MUS MEANING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in music theory, musicology, ethnomusicology, or composition; or graduate standing and consent of instructor. Topic title: Virtual Agency and Musical Meaning.
• 23030 W 200 - 500P MRH M3.114 HATTEN, R

MUS 388T ANALYTICAL TECHNIQUES
Designed to accommodate 35 or fewer students. Music 688 (Topic 5) and 388T may not both be counted. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 23035 MWF 1100 - 1200 MRH 4.116

ANALYTICAL TECHNIQUES
Music 688 (Topic 5) and 388T may not both be counted. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 23040 TTH 1230 - 200P MRH M3.114 CHANDLER, B
• 23045 TTH 200 - 330P MRH 2.610 WHEELDON, M

MUS 393 MUS EDUC: GRAD STUDY IN STR ED
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 23050 TTH 1230 - 200P MRH 4.130 SCOTT, L

5-MUS EDUC: DIRECTED RESEARCH
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 23055

MUS 394 DIRECTED READING
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Readings in the literature of music. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23060

MUS 694 DIRECTED READING
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Readings in the literature of music. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23065

MUS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in music and consent of the graduate adviser; for 698B, Music 698A.
• 23070

MUS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in music and consent of the graduate adviser; for 698B, Music 698A.
• 23075

MUS 398D ARTIST RECITAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Preparation for and performance of a recital. Prerequisite: Graduate standing, Performance 480 with a grade of at least B, and consent of the graduate adviser.
• 23080

MUS 398M MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23085

MUS 698RA MASTER'S RECITAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698RA, graduate standing in performance or music literature and pedagogy, and course 380 or 480 in the appropriate instrument; for 698RB, Music 698RA.
• 23090

MUS 698RB MASTER'S RECITAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698RA, graduate standing in performance or music literature and pedagogy, and course 380 or 480 in the appropriate instrument; for 698RB, Music 698RA.
• 23095

MUS 398T SUPERVISED TEACHING IN MUSIC
Supervised teaching for graduate students in music; two semesters under supervision; weekly meetings with instructor, consultations, reports throughout the teaching period. Prerequisite: Graduate standing and appointment as a teaching assistant.
• 23100 MWF 200 - 300P MRH 2.604 DUKE, R

SUPERVISED TEACHING IN MUSIC
Designed to accommodate 35 or fewer students. Supervised teaching for graduate students in music; two semesters under supervision; weekly meetings with instructor, consultations, reports throughout the teaching period. Prerequisite: Graduate standing and appointment as a teaching assistant. Restricted to Theory and Composition students.
• 23105 MWF 100 - 200P MRH M3.113 TURCI, J

MUS 399 TREATISE
Hour(s) to be arranged. Offered on the credit/no credit basis only. A research paper of a scholarly nature. Prerequisite: Passage of preliminary and comprehensive examinations for the Doctor of Musical Arts degree.
• 23110

MUS 399N NONTREATISE LECT/RECITAL DOCUM
Hour(s) to be arranged. Offered on the credit/no credit basis only. A research paper of a scholarly nature. Restricted to students pursuing the nontreatise option for the Doctor ofMusical Arts degree. Prerequisite: Passage of preliminary and comprehensive examinations for the Doctor of Musical Arts degree.
• 23115

MUS 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 23120

MUS 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 23125

MUS 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 23130

MUS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Music 399R, 699R, or 999R.
• 23135

MUS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Music 399R, 699R, or 999R.
• 23140

MUS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Music 399R, 699R, or 999R.
• 23145

April 3, 2018

BSN 201 LOWER-DIV BASSOON: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 23200

BSN 210 LOWER-DIV BASSOON: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 23205

BSN 312 LOWER-DIV BASSOON: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23210

BSN 251 UPPER-DIV BASSOON: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 23215

BSN 260 UPPER-DIV BASSOON: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 23220

BSN 362 UPPER-DIV BASSOON: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 23225

BSN 280 GRADUATE BASSOON
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23230

BSN 480 GRADUATE BASSOON
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23235

BSN 290 ADVANCED GRADUATE BASSOON
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23240

BSN 490 ADVANCED GRADUATE BASSOON
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23245

CLA 201 LOWER-DIV CLARINET: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 23300

CLA 210 LOWER-DIV CLARINET: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 23305

CLA 312 LOWER-DIV CLARINET: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23310

CLA 251 UPPER-DIV CLARINET: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 23315

CLA 260 UPPER-DIV CLARINET: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 23320

CLA 362 UPPER-DIV CLARINET: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 23325

course unique days time room instructor

CLA 280 GRADUATE CLARINET
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23330

CLA 480 GRADUATE CLARINET
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23335

CLA 290 ADVANCED GRADUATE CLARINET
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23340

CLA 490 ADVANCED GRADUATE CLARINET
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23345

D B 201 LOWER-DIV DOUBLE BASS: SEC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 23400

D B 210 LOWER-DIV DOUBLE BASS: PRIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 23405

D B 212 LOWER-DIV DOUBLE BASS: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23410

D B 312 LOWER-DIV DOUBLE BASS: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23415

D B 212J LOWER-DIV DOUBLE BASS: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition or jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone.
• 23420

D B 251 UPPER-DIV DOUBLE BASS: SEC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 23425

D B 260 UPPER-DIV DOUBLE BASS: PRIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 23430

D B 362 UPPER-DIV DOUBLE BASS: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 23435

D B 362J UPPER-DIV DOUBLE BASS: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition and jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: For jazz composition majors, course 212J for two semesters, or the equivalent, and approval of the appropriate music faculty; for jazz performance majors, course 412J for two semesters, or the equivalent, and approval of the appropriate music faculty.
• 23440

D B 280 GRADUATE DOUBLE BASS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23445

D B 380 GRADUATE DOUBLE BASS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23450

D B 480 GRADUATE DOUBLE BASS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello

March 3, 2018

(280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23455

D B 280J GRAD DOUBLE BASS: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23460

D B 480J GRAD DOUBLE BASS: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23465

D B 290 ADVANCED GRADUATE DOUBLE BASS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23470

D B 490 ADVANCED GRADUATE DOUBLE BASS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23475

D B 290J ADV GRAD DBL BASS: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23480

D B 490J ADV GRAD DBL BASS: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23485

DRS 212J LOWER-DIV DRUM SET: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition or jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone.
• 23540

DRS 362J UPPER-DIV DRUM SET: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition and jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: For jazz composition majors, course 212J for two semesters, or the equivalent, and approval of the appropriate music faculty; for jazz performance majors, course 412J for two semesters, or the equivalent, and approval of the appropriate music faculty.
• 23545

DRS 280J GRAD DRUM SET: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23550

DRS 480J GRAD DRUM SET: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23555

EUP 201 LOWER-DIV EUPHONIUM: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 23610

EUP 210 LOWER-DIV EUPHONIUM: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 23615

EUP 312 LOWER-DIV EUPHONIUM: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23620

EUP 251 UPPER-DIV EUPHONIUM: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 23625

EUP 260 UPPER-DIV EUPHONIUM: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 23630

EUP 362 UPPER-DIV EUPHONIUM: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 23635

EUP 280 GRADUATE EUPHONIUM
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23640

EUP 480 GRADUATE EUPHONIUM
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate

standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23645

EUP 290 ADVANCED GRADUATE EUPHONIUM
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23650

EUP 490 ADVANCED GRADUATE EUPHONIUM
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23655

FLU 201 LOWER-DIV FLUTE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 23710

FLU 210 LOWER-DIV FLUTE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 23715

FLU 312 LOWER-DIV FLUTE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23720

FLU 251 UPPER-DIV FLUTE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 23725

FLU 260 UPPER-DIV FLUTE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 23730

FLU 362 UPPER-DIV FLUTE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 23735

FLU 280 GRADUATE FLUTE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23740

FLU 480 GRADUATE FLUTE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23745

FLU 290 ADVANCED GRADUATE FLUTE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23750

FLU 490 ADVANCED GRADUATE FLUTE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23755

F H 201 LOWER-DIV FRENCH HORN: SEC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 23810

F H 210 LOWER-DIV FRENCH HORN: PRIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 23815

F H 312 LOWER-DIV FRENCH HORN: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23820

F H 251 UPPER-DIV FRENCH HORN: SEC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 23825

April 3, 2018

course unique days time room instructor

F H 260 UPPER-DIV FRENCH HORN: PRIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 23830

F H 362 UPPER-DIV FRENCH HORN: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 23835

F H 280 GRADUATE FRENCH HORN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23840

F H 480 GRADUATE FRENCH HORN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 23845

F H 290 ADVANCED GRADUATE FRENCH HORN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23850

F H 490 ADVANCED GRADUATE FRENCH HORN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23855

GUI 201 LOWER-DIV GUITAR: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 23910

GUI 210 LOWER-DIV GUITAR: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 23915

GUI 212 LOWER-DIV GUITAR: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23920

GUI 312 LOWER-DIV GUITAR: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 23925

GUI 212J LOWER-DIV GUITAR: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition or jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone.
• 23930

GUI 251 UPPER-DIV GUITAR: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 23935

GUI 260 UPPER-DIV GUITAR: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 23940

GUI 362 UPPER-DIV GUITAR: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 23945

GUI 362J UPPER-DIV GUITAR: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition and jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: For jazz composition majors, course 212J for two semesters, or the equivalent, and approval of the appropriate music faculty; for jazz performance majors, course 412J for two semesters, or the equivalent, and approval of the appropriate music faculty.
• 23950

GUI 280 GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit.
• 23955

GUI 380 GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit.
• 23960

GUI 480 GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit.
• 23965

April 3, 2018

course unique days time room instructor

GUI 280J GRAD GUITAR: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23970

GUI 480J GRAD GUITAR: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23975

GUI 290 ADVANCED GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit.
• 23980

GUI 490 ADVANCED GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit.
• 23985

GUI 290J ADV GRAD GUITAR: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23990

GUI 490J ADV GRAD GUITAR: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 23995

HAR 201 LOWER-DIV HARP: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 24050

HAR 210 LOWER-DIV HARP: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 24055

HAR 312 LOWER-DIV HARP: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24060

HAR 251 UPPER-DIV HARP: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 24065

HAR 260 UPPER-DIV HARP: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 24070

HAR 362 UPPER-DIV HARP: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 24075

HAR 280 GRADUATE HARP
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24080

HAR 480 GRADUATE HARP
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24085

HAR 290 ADVANCED GRADUATE HARP
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24090

HAR 490 ADVANCED GRADUATE HARP
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24095

OBO 201 LOWER-DIV OBOE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 24150

OBO 210 LOWER-DIV OBOE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 24155

April 9, 2018

course unique days time room instructor

OBO 312 LOWER-DIV OBOE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24160

OBO 251 UPPER-DIV OBOE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 24165

OBO 260 UPPER-DIV OBOE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 24170

OBO 362 UPPER-DIV OBOE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 24175

OBO 280 GRADUATE OBOE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24180

OBO 480 GRADUATE OBOE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24185

OBO 290 ADVANCED GRADUATE OBOE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24190

OBO 490 ADVANCED GRADUATE OBOE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24195

OPR 280 GRADUATE OPERA: OPERA PERF
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24250

OPR 480 GRADUATE OPERA: OPERA PERF
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24255

OPR 290 ADV GRADUATE OPERA: OPERA PERF
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24260

OPR 490 ADV GRADUATE OPERA: OPERA PERF
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24265

ORG 201 LOWER-DIV ORGAN: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 24320

ORG 210 LOWER-DIV ORGAN: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 24325

ORG 312 LOWER-DIV ORGAN: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24330

ORG 251 UPPER-DIV ORGAN: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 24335

ORG 260 UPPER-DIV ORGAN: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 24340

ORG 362 UPPER-DIV ORGAN: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 24345

ORG 280 GRADUATE ORGAN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24350

ORG 480 GRADUATE ORGAN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24355

ORG 290 ADVANCED GRADUATE ORGAN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24360

ORG 490 ADVANCED GRADUATE ORGAN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24365

PER 201 LOWER-DIV PERCUSSION: SEC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 24420

PER 210 LOWER-DIV PERCUSSION: PRIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 24425

PER 212 LOWER-DIV PERCUSSION: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24430

PER 312 LOWER-DIV PERCUSSION: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24435

PER 251 UPPER-DIV PERCUSSION: SEC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 24440

PER 260 UPPER-DIV PERCUSSION: PRIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 24445

PER 362 UPPER-DIV PERCUSSION: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 24450

PER 280 GRADUATE PERCUSSION
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24455

PER 480 GRADUATE PERCUSSION
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24460

PER 290 ADVANCED GRADUATE PERCUSSION
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar,

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harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24465

PER 490 ADVANCED GRADUATE PERCUSSION
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24470

PIA 201 LOWER-DIV PIANO: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 24525

PIA 202 FUNCTIONAL PIANO SKILLS I
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Individual instruction beyond Music 210K. Prerequisite: Consent by audition.
• 24530

FUNCTIONAL PIANO SKILLS II
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Individual instruction beyond Music 210K. Prerequisite: Consent by audition.
• 24535

PIA 210 LOWER-DIV PIANO: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 24540

PIA 212 LOWER-DIV PIANO: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24545

PIA 312 LOWER-DIV PIANO: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24550

PIA 212J LOWER-DIV PIANO: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition or jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone.
• 24555

PIA 251 UPPER-DIV PIANO: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 24560

PIA 260 UPPER-DIV PIANO: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 24565

PIA 362 UPPER-DIV PIANO: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 24570

PIA 362J UPPER-DIV PIANO: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition and jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: For jazz composition majors, course 212J for two semesters, or the equivalent, and approval of the appropriate music faculty; for jazz performance majors, course 412J for two semesters, or the equivalent, and approval of the appropriate music faculty.
• 24575

PIA 280 GRADUATE PIANO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24580

PIA 380 GRADUATE PIANO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24585

PIA 480 GRADUATE PIANO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24590

PIA 280J GRAD PIANO: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 24595

PIA 480J GRAD PIANO: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 24600

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PIA 280V GRADUATE PIANO: COLLABORATIVE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in collaborative piano (accompanying). Prerequisite: Admission to a graduate program in music and consent of the graduate adviser.
• 24605

PIA 480V GRADUATE PIANO: COLLABORATIVE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in collaborative piano (accompanying). Prerequisite: Admission to a graduate program in music and consent of the graduate adviser.
• 24610

PIA 290 ADVANCED GRADUATE PIANO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24615

PIA 490 ADVANCED GRADUATE PIANO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24620

PIA 290J ADV GRAD PIANO: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24625

PIA 490J ADV GRAD PIANO: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24630

PIA 290V ADV GRAD PIANO: COLLABORATIVE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in collaborative piano (accompanying). Prerequisite: Admission to a doctoral program in music and consent of the graduate adviser.
• 24635

PIA 490V ADV GRAD PIANO: COLLABORATIVE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in collaborative piano (accompanying). Prerequisite: Admission to a doctoral program in music and consent of the graduate adviser.
• 24640

SAX 201 LOWER-DIV SAXOPHONE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 24695

SAX 210 LOWER-DIV SAXOPHONE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 24700

SAX 212 LOWER-DIV SAXOPHONE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24705

SAX 312 LOWER-DIV SAXOPHONE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24710

SAX 212J LOWER-DIV SAXOPHONE: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition or jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone.
• 24715

SAX 251 UPPER-DIV SAXOPHONE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 24720

SAX 260 UPPER-DIV SAXOPHONE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 24725

SAX 362 UPPER-DIV SAXOPHONE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 24730

SAX 362J UPPER-DIV SAXOPHONE: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition and jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: For jazz composition majors, course 212J for two semesters, or the equivalent, and approval of the appropriate music faculty; for jazz performance majors, course 412J for two semesters, or the equivalent, and approval of the appropriate music faculty.
• 24735

SAX 280 GRADUATE SAXOPHONE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24740

SAX 480 GRADUATE SAXOPHONE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate

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standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24745

SAX 280J GRAD SAXOPHONE: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 24750

SAX 480J GRAD SAXOPHONE: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 24755

SAX 290 ADVANCED GRADUATE SAXOPHONE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24760

SAX 490 ADVANCED GRADUATE SAXOPHONE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24765

SAX 290J ADV GRAD SAXOPHN: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24770

SAX 490J ADV GRAD SAXOPHN: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24775

TRO 201 LOWER-DIV TROMBONE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 24830

TRO 210 LOWER-DIV TROMBONE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 24835

TRO 212 LOWER-DIV TROMBONE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24840

TRO 312 LOWER-DIV TROMBONE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24845

TRO 212J LOWER-DIV TROMBONE: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition or jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone.
• 24850

TRO 251 UPPER-DIV TROMBONE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 24855

TRO 260 UPPER-DIV TROMBONE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 24860

TRO 362 UPPER-DIV TROMBONE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 24865

TRO 362J UPPER-DIV TROMBONE: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition and jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: For jazz composition majors, course 212J for two semesters, or the equivalent, and approval of the appropriate music faculty; for jazz performance majors, course 412J for two semesters, or the equivalent, and approval of the appropriate music faculty.
• 24870

TRO 280 GRADUATE TROMBONE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24875

TRO 480 GRADUATE TROMBONE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24880

TRO 280J GRAD TROMBONE: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz im-

provisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 24885

TRO 480J GRAD TROMBONE: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 24890

TRO 290 ADVANCED GRADUATE TROMBONE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24895

TRO 490 ADVANCED GRADUATE TROMBONE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24900

TRO 290J ADV GRAD TROMBONE: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24905

TRO 490J ADV GRAD TROMBONE: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24910

TRU 201 LOWER-DIV TRUMPET: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 24965

TRU 210 LOWER-DIV TRUMPET: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 24970

TRU 212 LOWER-DIV TRUMPET: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24975

TRU 312 LOWER-DIV TRUMPET: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 24980

TRU 212J LOWER-DIV TRUMPET: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition or jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone.
• 24985

TRU 251 UPPER-DIV TRUMPET: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 24990

TRU 260 UPPER-DIV TRUMPET: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 24995

TRU 362 UPPER-DIV TRUMPET: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 25000

TRU 362J UPPER-DIV TRUMPET: IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in improvisation for students majoring in jazz composition and jazz performance. This course is offered in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: For jazz composition majors, course 212J for two semesters, or the equivalent, and approval of the appropriate music faculty; for jazz performance majors, course 412J for two semesters, or the equivalent, and approval of the appropriate music faculty.
• 25005

TRU 280 GRADUATE TRUMPET
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25010

TRU 480 GRADUATE TRUMPET
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25015

TRU 280J GRAD TRUMPET: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 25020

April 3, 2018

TRU 480J GRAD TRUMPET: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 25025

TRU 290 ADVANCED GRADUATE TRUMPET
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25030

TRU 490 ADVANCED GRADUATE TRUMPET
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25035

TRU 290J ADV GRAD TRUMPET: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25040

TRU 490J ADV GRAD TRUMPET: JAZZ IMPROV
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in jazz improvisation in the following instruments: double bass, drum set, guitar, piano, saxophone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25045

TBA 201 LOWER-DIV TUBA: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 25100

TBA 210 LOWER-DIV TUBA: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 25105

TBA 312 LOWER-DIV TUBA: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 25110

TBA 251 UPPER-DIV TUBA: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 25115

TBA 260 UPPER-DIV TUBA: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 25120

TBA 362 UPPER-DIV TUBA: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 25125

TBA 280 GRADUATE TUBA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25130

TBA 480 GRADUATE TUBA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25135

TBA 290 ADVANCED GRADUATE TUBA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25140

TBA 490 ADVANCED GRADUATE TUBA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25145

VIA 201 LOWER-DIV VIOLA: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 25200

VIA 210 LOWER-DIV VIOLA: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 25205

April 9, 2018

course unique days time room instructor

VIA 312 LOWER-DIV VIOLA: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 25210

VIA 251 UPPER-DIV VIOLA: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 25215

VIA 260 UPPER-DIV VIOLA: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 25220

VIA 362 UPPER-DIV VIOLA: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 25225

VIA 280 GRADUATE VIOLA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25230

VIA 380 GRADUATE VIOLA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25235

VIA 480 GRADUATE VIOLA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25240

VIA 290 ADVANCED GRADUATE VIOLA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25245

VIA 490 ADVANCED GRADUATE VIOLA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25250

VIO 201 LOWER-DIV VIOLIN: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 25305

VIO 210 LOWER-DIV VIOLIN: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 25310

VIO 312 LOWER-DIV VIOLIN: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 25315

VIO 251 UPPER-DIV VIOLIN: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 25320

VIO 260 UPPER-DIV VIOLIN: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 25325

VIO 362 UPPER-DIV VIOLIN: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 25330

VIO 280 GRADUATE VIOLIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello

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(280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25335

VIO 380 GRADUATE VIOLIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25340

VIO 480 GRADUATE VIOLIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25345

VIO 290 ADVANCED GRADUATE VIOLIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25350

VIO 490 ADVANCED GRADUATE VIOLIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25355

V C 201 LOWER-DIV VIOLONCELLO: SEC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 25410

V C 210 LOWER-DIV VIOLONCELLO: PRIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 25415

V C 312 LOWER-DIV VIOLONCELLO: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance or music performance pedagogy. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, and violoncello.
• 25420

V C 251 UPPER-DIV VIOLONCELLO: SEC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 25425

V C 260 UPPER-DIV VIOLONCELLO: PRIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 25430

V C 362 UPPER-DIV VIOLONCELLO: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 25435

V C 280 GRADUATE VIOLONCELLO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25440

V C 380 GRADUATE VIOLONCELLO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25445

V C 480 GRADUATE VIOLONCELLO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25450

V C 290 ADVANCED GRADUATE VIOLONCELLO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25455

V C 490 ADVANCED GRADUATE VIOLONCELLO
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25460

VOI 201 LOWER-DIV VOICE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: The ability to read music, and, for most instruments, an audition. For Guitar 201, at least two years of classical guitar lessons. For Piano 201, at least one year of piano lessons.
• 25515

VOI 210 LOWER-DIV VOICE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuing the Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Organ 210, Piano 201 or the equivalent.
• 25520

VOI 251 UPPER-DIV VOICE: SECONDARY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for nonmusic majors and for music majors studying a secondary instrument. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, recorder, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 25525

VOI 260 UPPER-DIV VOICE: PRINCIPAL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in the principal instrument for students pursuingthe Bachelor of Arts in Music or the Bachelor of Music with a major in music studies, music theory, composition, music literature, or music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Course 210 in the principal instrument for four semesters,or the equivalent, and approval of the music faculty.
• 25530

VOI 362 UPPER-DIV VOICE: MAJOR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction in music performance for students majoring in music performance. This course is offered in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, harpsichord, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: For Voice 462, Voice 210 for four semesters, or the equivalent, and approval of the music faculty; for other instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 25535

VOI 280 GRADUATE VOICE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25540

VOI 380 GRADUATE VOICE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25545

VOI 480 GRADUATE VOICE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera (280, 480) and in the following instruments: bassoon (280, 480), clarinet (280, 480), double bass (280, 380, 480), euphonium (280, 480), flute (280, 480), French horn (280, 480), guitar (280, 380, 480), harp (280, 380, 480), oboe (280, 480), organ (280, 480), percussion (280, 480), piano (280, 380, 480), saxophone (280, 480), trombone (280, 480), trumpet (280, 480), tuba (280, 480), viola (280, 380, 480), violin (280, 380, 480), violoncello (280, 380, 480), and voice (280, 380, 480). Prerequisite: For Opera 280, 480, graduate standing in music and consentof the graduate adviser; for other fields, graduate standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 25550

VOI 290 ADVANCED GRADUATE VOICE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25555

VOI 490 ADVANCED GRADUATE VOICE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Offered in opera and in the following instruments: bassoon, clarinet, double bass, euphonium, flute, French horn, guitar, harp, oboe, organ, percussion, piano, saxophone, trombone, trumpet, tuba, viola, violin, violoncello, and voice. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 25560

DEPARTMENT OF THEATRE AND DANCE

Theatre and Dance - T D

T D 301 INTRODUCTION TO THEATRE
A study of theatrical texts and practices of the past and present. Open to all University students except majors in the Department of Theatre and Dance. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.
• 25615 TTH 200 - 330P CARLSON, A

T D 302T HIP-HOP
Course number may be repeated for credit when the topics vary. Fundamental study of principles and vocabulary of dance. May not be counted toward the Bachelor of Fine Arts degree with a major in dance.
• 25620 MW 930 - 1100 BEL 502A HECKLER, M

TAP DANCE: NONMAJORS
Course number may be repeated for credit when the topics vary. Fundamental study of principles and vocabulary of dance. May not be counted toward the Bachelor of Fine Arts degree with a major in dance.
• 25625 MW 930 - 1100 RSC 1.104 ARNOLD, J

1-BALLET I
Course number may be repeated for credit when the topics vary. Fundamental study of principles and vocabulary of dance. A study of the elements of classical ballet through exploration of movement principles as defined by traditional ballet technique. May not be counted toward the Bachelor of Fine Arts degree with a major in dance. Only one of the following may be counted: Theater and Dance 302T (Topic: Ballet I), 302T (Topic: Topics in Dance: Ballet I-Nonmajors), 302T (Topic 1).
• 25630 TTH 930 - 1100 BEL 502A PAUL, S

T D 303 FUNDAMENTALS OF ACTING
Basic principles of acting and practical work in scenes from plays. Theatre and Dance 303 and 313C may not both be counted. Not open to theatre and dance majors.
• 25635 MWF 900 - 1000 LTH 1.110
• 25640 TTH 930 - 1100 WIN B.202
• 25645 MWF 1000 - 1100 LTH 1.110

FUNDAMENTALS OF ACTING
Designed to accommodate 35 or fewer students. Basic principles of acting and practical work in scenes from plays. Theatre and Dance 303 and 313C may not both be counted. Not open to theatre and dance majors.
• 25650 MW 1230 - 200P WIN 1.134 CHISHOLM, B

FUNDAMENTALS OF ACTING
Basic principles of acting and practical work in scenes from plays. Theatre and Dance 303 and 313C may not both be counted. Not open to theatre and dance majors.
• 25655 MW 330 - 500P WIN 2.180 CHISHOLM, B

FUNDAMENTALS OF ACTING
Basic principles of acting and practical work in scenes from plays. Theatre and Dance 303 and 313C may not both be counted. Not open to theatre and dance majors. meets with T D 325, CRW 340D.
• 25660 TTH 1100 - 1230P LTH 1.110 CHISHOLM, B

FUNDAMENTALS OF ACTING
Designed to accommodate 35 or fewer students. Basic principles of acting and practical work in scenes from plays. Theatre and Dance 303 and 313C may not both be counted. Not open to theatre and dance majors.
• 25662 TTH 200 - 330P WIN B.202
• 25663 TTH 800 - 930 WIN 1.108
• 25664 MW 930 - 1100 WIN B.202

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course	unique	days	time	room	instructor

T D 306 — INTRO TO IMPROVISATIONAL DRAMA

General introduction to improvisational activities with application to the theatre.

unique	days	time	room	instructor
• 25665	MWF	800 - 900	WIN 1.108	

INTRO TO IMPROVISATIONAL DRAMA

Designed to accommodate 35 or fewer students. General introduction to improvisational activities with application to the theatre.

unique	days	time	room	instructor
• 25667	MW	1230 - 200P	WIN B.202	

T D 311C — PERFORMANCE AS PUBLIC PRACTICE

Designed to accommodate 35 or fewer students. Examines current and historical performance policy in order to understand how the entertainment industry operates nationally. Theatre and Dance 311 and 311C may not both be counted. Restricted to students with a major in the Department of Theatre and Dance.

unique	days	time	room	instructor
• 25670	TTH	930 - 1100	WIN 1.164	CARLSON, A
	F	1000 - 1100	ART 1.102	

PERFORMANCE AS PUBLIC PRACTICE

Examines current and historical performance policy in order to understand how the entertainment industry operates nationally. Theatre and Dance 311 and 311C may not both be counted. Restricted to students with a major in the Department of Theatre and Dance.

unique	days	time	room	instructor
• 25675	TTH	1100 - 1230P	WIN 2.112	CARLSON, A
	F	1000 - 1100	WAG 101	
• 25680	TTH	1230 - 200P	WIN 2.112	BONIN, P
	F	1000 - 1100	WAG 101	
• 25685	TTH	200 - 330P	WIN 1.148	
	F	1000 - 1100	WAG 101	
• 25690	TTH	200 - 330P	WIN 2.112	BONIN, P
	F	1000 - 1100	WAG 101	

T D 311T — REVOLUTION WILL BE DRAMATIZED

Course number may be repeated for credit when the topics vary. Introductory topics in theatre and dance, including basic research methods, contemporary and local performance, the role of the artist in society, the philosophy of a fine arts education, and the exploration of campus resources.

unique	days	time	room	instructor
• 25695	MWF	1100 - 1200		THOMPSON, L

T D 212 — FRESHMAN MOVMNT/PHYS CONDITION

Designed to accommodate 35 or fewer students. May be repeated for credit. Principles and techniques of physical conditioning. Restricted to Department of Theatre and Dance majors. Prerequisite: Consent of the dance faculty.

unique	days	time	room	instructor
• 25700	TTH	930 - 1100	WIN 1.172	BECKHAM, A

T D 312C — CONTEMPORARY DANCE TECHNIQUE

May be repeated for credit. Intensive study of principles, technique, and vocabulary of contemporary dance. Prerequisite: A major in the Department of Theatre and Dance and consentof the dance faculty. meets with T D 322C.

unique	days	time	room	instructor
• 25705	MWF	100 - 300P	BEL 502A	ANDERSON, C

T D 312D — INTERMED CONTEMP DANCE TECHNIQ

May be repeated for credit. Intensive study of intermediate-level theory, technique, and vocabulary of contemporary dance. Prerequisite: A major in the Department of Theatre and Dance and consentof the dance faculty. meets with T D 322D.

unique	days	time	room	instructor
• 25710	MWF	100 - 300P	RSC 1.104	GIONFRIDDO, E

T D 312F — BALLET TECHNIQUE

May be repeated for credit. Intensive study of principles, technique, and vocabulary of ballet. Prerequisite: A major in the Department of Theatre and Dance and consentof the dance faculty. meets with T D 322F.

unique	days	time	room	instructor
• 25715	TTHF	1100 - 100P	RSC 1.104	OVERBEY, D

T D 312G — INTERMEDIATE BALLET TECHNIQUE

May be repeated for credit. Study of intermediate-level theory, technique, and vocabulary of ballet as a supporting style. Prerequisite: A major in the Department of Theatre and Dance and consentof the dance faculty. meets with T D 322G.

unique	days	time	room	instructor
• 25720	TTHF	1100 - 100P	WIN 1.172	PAUL, S

T D 312M — MOVEMENT IMPROVISATION

May be repeated for credit. Exploration and study of elements of movement design. Prerequisite: A major in the Department of Theatre and Dance. Restricted to Bachelor of Fine Arts in Dance students.

unique	days	time	room	instructor
• 25725	TTH	200 - 330P	BEL 502A	CURRAN, T

T D 212P — FUNDMNTL PROJ DANCE PERF & REP

May be repeated for credit. Preparation and performance laboratory related to production. Prerequisite: A major in the Department of Theatre and Dance and consentof the dance faculty.

unique	days	time	room	instructor
• 25730	MWF	300 - 500P	RSC 1.104	ANDERSON, C
	TTH	330 - 530P	RSC 1.104	

T D 313C — ACTING I

Approaches to incorporating Stanislavski-based principles in acting, including dramatic action, given circumstances, subtext, sense memory, the magic if, and tempo/rhythm. Restricted to Department of Theatre and Dance majors.

unique	days	time	room	instructor
• 25735	MW	900 - 1030	WIN 1.134	DAVIS, C
• 25740	MW	900 - 1030	WIN 2.180	CUDD, J
• 25745	TTH	930 - 1100	WIN 1.134	DOUGLAS, L
• 25750	MW	1100 - 1230P	WIN 1.134	DORN, F

ACTING I

Designed to accommodate 35 or fewer students. Approaches to incorporating Stanislavski-based principles in acting, including dramatic action, given circumstances, subtext, sense memory, the magic if, and tempo/rhythm. Restricted to Department of Theatre and Dance majors.

unique	days	time	room	instructor
• 25755	TTH	1100 - 1230P	WIN 2.180	DORN, F

ACTING I

Approaches to incorporating Stanislavski-based principles in acting, including dramatic action, given circumstances, subtext, sense memory, the magic if, and tempo/rhythm. Restricted to Department of Theatre and Dance majors. Restricted to Bachelor of Fine Arts in Acting students.

unique	days	time	room	instructor
• 25760	TTH	1230 - 230P	WIN 2.180	DOUGLAS, L

T D 313E — ACTING III

Continuation of Acting II, with greater emphasis on personalization of character needs, given circumstances, actor-to-actor communication, and emotional life. Theatre and Dance 313E and 324E may not both be counted. Restricted to Department of Theatre and Dance majors. Prerequisite: Theatre and Dance 313D.

unique	days	time	room	instructor
• 25765	TTH	200 - 330P	WIN 1.134	CARPENTER, L
• 25770	TTH	330 - 500P	WIN 1.108	CUDD, J

ACTING III

Continuation of Acting II, with greater emphasis on personalization of character needs, given circumstances, actor-to-actor communication, and emotional life. Theatre and Dance 313E and 324E may not both be counted. Restricted to Department of Theatre and Dance majors. Prerequisite: Theatre and Dance 313D. Restricted to Bachelor of Fine Arts in Acting students.

unique	days	time	room	instructor
• 25775	TTH	300 - 500P	WIN 2.180	RAMIREZ, R

T D 313F — VOICE AND MOVEMENT I

Understanding the relationship between voice and body in acting, with a focus on freeing tension, releasing vocal power, and enabling physical expression. Prerequisite: A major in acting or consent of instructor.

unique	days	time	room	instructor
• 25780	MW	1100 - 100P	WIN 1.108	DAVIS, C

T D 313K — VOICE LABORATORY I

Designed to accommodate 35 or fewer students. Advanced voice and speech work in breath, support, placement, focus, range, resonance, articulation and endurance. Emphasis placed on personalization of language and text from selected plays. Prerequisite: Theatre and Dance 313G or consent of instructor. Restricted to Bachelor of Fine Arts in Acting students.

unique	days	time	room	instructor
• 25785	TTH	1230 - 200P	WIN 2.120	DAVIS, C

T D 313M — MOVEMENT LABORATORY I

Designed to accommodate 35 or fewer students. Using the body as an instrument for playing action and bringing the actor to a deeper understanding of physical stage presence. Prerequisite: Theatre and Dance 313G or consent of instructor. Restricted to Bachelor of Fine Arts in Acting students.

unique	days	time	room	instructor
• 25790	MW	1000 - 1200	WIN 2.120	CARPENTER, L

T D 313P — PROJS IN ACTING AND DIRECTING

Hour(s) to be arranged. May be repeated for credit. Preparation and performance laboratory related to production. Prerequisite: Consent of the acting/directing faculty.

unique	days	time	room	instructor
• 25792				

T D 314M — TECHNICAL THEATRE

Introduction to the technical aspects of theatrical performance--in costumes, lighting, scenery, and media. Restricted to majors in the Department of Theatre and Dance.

unique	days	time	room	instructor
• 25795	TTH	200 - 400P	WIN 2.138	CLOYES, R

T D 314P — PRODUCTION LABORATORY

Hour(s) to be arranged. May be repeated for credit. Restricted to College of Fine Arts majors. Prerequisite: A major in the Department of Theatre and Dance; and Theatre and Dance 314M, except for dance majors in the BFA degree program.

unique	days	time	room	instructor
• 25800				

PRODUCTION LABORATORY

May be repeated for credit. Restricted to College of Fine Arts majors. Prerequisite: A major in the Department of Theatre and Dance; and Theatre and Dance 314M, except for dance majors in the BFA degree program. Restricted to students interested in registering for Run Crew 1. Class meets October 1-21. meets with AET 319.

unique	days	time	room	instructor
• 25805	MTWTHF	530 - 1030P	WIN 1.140	TOLIN, D
	S	1000 - 1000P	WIN 1.140	

PRODUCTION LABORATORY

May be repeated for credit. Restricted to College of Fine Arts majors. Prerequisite: A major in the Department of Theatre and Dance; and Theatre and Dance 314M, except for dance majors in the BFA degree program. Restricted to students interested in registering for Run Crew 2. Class meets October 22-November 10. meets with AET 319.

unique	days	time	room	instructor
• 25810	MTWTHF	530 - 1030P	WIN 1.140	TOLIN, D
	S	1000 - 1000P	WIN 1.140	

PRODUCTION LABORATORY

May be repeated for credit. Restricted to College of Fine Arts majors. Prerequisite: A major in the Department of Theatre and Dance; and Theatre and Dance 314M, except for dance majors in the BFA degree program. Restricted to students interested in registering for Run Crew 3. Class meets November 5-December 1. meets with AET 319.

unique	days	time	room	instructor
• 25815	MTWTHF	530 - 1030P	WIN 1.140	TOLIN, D
	S	1000 - 1015P	WIN 1.140	

PRODUCTION LABORATORY

May be repeated for credit. Restricted to College of Fine Arts majors. Prerequisite: A major in the Department of Theatre and Dance; and Theatre and Dance 314M, except

for dance majors in the BFA degree program. Restricted to students interested in registering for Run Crew 4. Class meets November 27-December 9. meets with AET 319.
• 25820 MTWTHF 530 - 1030P WIN 1.140 TOLIN, D
S 1000 - 1000P WIN 1.140

T D 315 PLAYWRITING I
The study and practice of writing plays. Creative Writing 315D and Theater and Dance 315 may not both be counted. same as CRW 315D.
• 25825 TTH 1100 - 1230P WIN B.202 CHIU, I
• 25830 TTH 1230 - 200P WIN B.202 MARINELLI, D

T D 316D DIRECTING I
Study and practice of the fundamentals of stage directing: composition, dramatic action, movement, and textual analysis. Theatre and Dance 316D and 323C may not both be counted. Restricted to students with a major in the Department of Theatre and Dance. Prerequisite: Sophomore standing or Theatre and Dance 313C.
• 25835 TTH 200 - 330P WIN 1.108 AVILA, M

T D 317C THEATRE HISTORY THRU 18TH CEN
Prerequisite: For theatre and dance majors, Theatre and Dance 311 or 311C; for others, none.
• 25840 MWF 900 - 1000 WIN 2.112
• 25845 MWF 1000 - 1100 WIN 2.112

T D 320J INTRO TO CREATING NEW MEDIA
Offered on the letter-grade basis only. Introduces student actors to strategies to grow as generative artists and master the basics of a few common media production tools to give their creative voice a broader reach in the world. Only one of the following may be counted: Theatre and Dance 320J, 353T (Topic: Intro to Creating New Media), or 353T (Topic 11). Prerequisite: For Bachelor of Fine Arts theatre and dance majors: upper-division standing; for others: consent of instructor
• 25847 TTH 1230 - 200P CUDD, J

T D 322C CONTEMPORARY DANCE TECHNIQUE
May be repeated for credit. Intensive study of principles, technique, and vocabulary of contemporary dance. May not be counted toward the Bachelor of Fine Arts degree with a major in dance. Prerequisite: A major in the Department of Theatre and Dance and consent of the dance faculty. meets with T D 312C.
• 25850 MWF 100 - 300P BEL 502A ANDERSON, C

T D 322D INTMED CONTEMP DANCE TECHNIQUE
May be repeated for credit. Intensive study of intermediate-level theory, technique, and vocabulary of contemporary dance. May not be counted toward the Bachelor of Fine Arts degree with a major in dance. Prerequisite: A major in the Department of Theatre and Dance and consent of the dance faculty. meets with T D 312D.
• 25855 MWF 100 - 300P RSC 1.104 GIONFRIDDO, E

T D 322E ADV CONTEMPORARY DANCE TECHNIQ
May be repeated for credit. Intensive study of advanced theory, technique, and style of contemporary dance. Prerequisite: A major in the Department of Theatre and Dance and consentof the dance faculty.
• 25860 MWF 100 - 300P WIN 1.172 HECKLER, M

T D 322F BALLET TECHNIQUE
May be repeated for credit. Intensive study of principles, technique, and vocabulary of ballet. May not be counted toward the Bachelor of Fine Arts degree with a major in dance. Prerequisite: A major in the Department of Theatre and Dance and consent of the dance faculty. meets with T D 312F.
• 25865 TTHF 1100 - 100P RSC 1.104 OVERBEY, D

T D 322G INTERMEDIATE BALLET TECHNIQUE
May be repeated for credit. Study of intermediate-level theory, technique, and vocabulary of ballet as a supporting style. May not be counted toward the Bachelor of Fine Arts degree with a major in dance. Prerequisite: A major in the Department of Theatre and Dance and consent of the dance faculty. meets with T D 312G.
• 25870 TTHF 1100 - 100P WIN 1.172 PAUL, S

T D 322J ADVANCED BALLET TECHNIQUE
May be repeated for credit. Study of advanced theory, technique, and vocabulary of ballet as a supporting style. Prerequisite: A major in the Department of Theatre and Dance and consent of the dance faculty.
• 25875 TTHF 1100 - 100P BEL 502A

T D 222P PROJECTS IN DANCE PERF AND REP
May be repeated for credit. Preparation and performance laboratory related to production. Prerequisite: A major in the Department of Theatre and Dance and consent of the dance faculty.
• 25880 MWF 300 - 500P BEL 502A ANDERSON, C
TTH 330 - 530P BEL 502A

T D 323C DIRECTING I
Study and practice of the fundamentals of stage directing: composition, picturization, movement, gesture, and unit structure. Theatre and Dance 316D and 323C may not both be counted. Prerequisite: Upper-division standing and a major in the Department of Theatre and Dance.
• 25885 TTH 200 - 330P LTH 1.110 SUSSMAN, A
• 25890 MW 330 - 500P LTH 1.110 ENGELMAN, E

T D 223P ADV PROJ IN ACTING & DIRECTING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of the acting/directing faculty.
• 25895

T D 323P ADV PROJ IN ACTING & DIRECTING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of the acting/directing faculty.
• 25900

T D 324P ADVANCED PRODUCTION LABORATORY
May be repeated for credit. Prerequisite: Theatre and Dance 314P; and a major in the Department of Theatre and Dance or consent of instructor.
• 25905 MWF 800 - 900 WIN 1.100 CLOYES, R
• 25910 TTH 1230 - 500P PAC 1.208 SWITZER, R
• 25915 MWF 200 - 500P PAC 2.206 JOHNSON, J
• 25920 MWF 200 - 500P WIN 1.140 YEW, J
• 25925 MWF 200 - 500P WIN 2.170 ACOSTA, N

ADVANCED PRODUCTION LABORATORY
May be repeated for credit. Prerequisite: Theatre and Dance 314P; and a major in the Department of Theatre and Dance or consent of instructor. meets with AET 339.
• 25930 MWF 900 - 1200 WIN 1.140

ADVANCED PRODUCTION LABORATORY
Designed to accommodate 35 or fewer students. May be repeated for credit. Prerequisite: Theatre and Dance 314P; and a major in the Department of Theatre and Dance or consent of instructor.
• 25932 MW 1230 - 200P WIN 1.138 PEREZ, C

ADVANCED PRODUCTION LABORATORY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Theatre and Dance 314P; and a major in the Department of Theatre and Dance or consent of instructor.
• 25934

T D 325 PLAYWRITING II
Emphasis on the form and writing of the full-length play or equivalent. Creative Writing 340D and Theatre and Dance 325 may not both be counted. Prerequisite: Upper-division standing, Creative Writing 315D or Theatre and Dance 315, and consent of instructor. same as CRW 340D. also meets with T D 303.
• 25935 TTH 1100 - 1230P LTH 1.110 ENGELMAN, E

T D 325P PROJECTS IN PLAYWRITING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of instructor.
• 25940

T D 326C THTR STUDIES: CREATIVE DRAMA
Theory and practice of creative drama for children, both as an art form and as a process for emphasizing creative expression and aesthetic growth. Prerequisite: Upper-division standing and consent of instructor.
• 25945 TTH 1100 - 1230P WIN 1.108 SIMONS, S
• 25950 TTH 1230 - 200P WIN 1.108 SIMONS, S

T D 326D THTR STUDIES: YOUNG AUDIENCES
Laboratory hour(s) to be arranged. Theory and practice of all phases of play production for young audiences. Prerequisite: Upper-division standing. meets with WGS 345.
• 25955 TTH 330 - 500P WIN 1.134 ALRUTZ, M

T D 626E THTR STUDIES: DIR YOUNG PRFRMR
Designed to accommodate 35 or fewer students. Introduction to the theory and practice of directing and producing theatre with young performers, with emphasis on appropriate literature. Prerequisite: Upper-division standing, Theatre and Dance 323D, and consent of instructor.
• 25960 TTH 930 - 1100 WIN 1.108 SCHROEDER-ARCE, R
MWF 200 - 500P WIN B.202
• 25965 TTH 930 - 1100 LTH 1.110 AVILA, M
MWF 200 - 500P WIN 1.148

T D 126P PROJECTS IN THEATRE STUDIES
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of instructor.
• 25967

T D 326P PROJECTS IN THEATRE STUDIES
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of instructor.
• 25970

T D 127P BA COLLOQUIUM
Designed to accommodate 35 or fewer students. May be repeated for credit. Prerequisite: Upper-division standing and consent of instructor.
• 25975 TH 330 - 430P WIN 2.112 CARLSON, A

T D 327P PROJ IN HIST, CRIT, & PERF STD
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of instructor.
• 25977

T D 332M CHOREOGRAPHY
May be repeated for credit. Advanced study of the principles and practices of choreography. Prerequisite: Upper-division standing, Theatre and Dance 312N, and consent of instructor.
• 25980 TTH 200 - 330P WIN 1.172 ANDERSON, C

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course	unique	days	time	room	instructor

T D 232P ADV PROJ IN DNC PERF & REP I
May be repeated for credit. Prerequisite: Upper-division standing, Theatre and Dance 222P, a major in the Department of Theatre and Dance, and consent of the dance faculty.
• 25985 MWF 300 - 500P WIN 1.172 ANDERSON, C
TTH 330 - 530P WIN 1.172

T D 332R DANCE PEDAGOGY
Additional hour(s) to be arranged. May be repeated for credit. Principles, techniques, and materials used in the teaching of dance. Prerequisite: Upper-division standing, a major in the Department of Theatre and Dance, and consent of the dance faculty instructor.
• 25990 MW 930 - 1100 WIN 1.172 CURRAN, T

T D 351T TEACH ARTISTS IN SCHLS & COMMS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing and consent of instructor.
• 25995 MW 1100 - 1230P WIN 1.164 DAWSON, K

T D 152P PROJ IN DANCE MOVEMENT STUDIES
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of instructor.
• 26000

T D 252P PROJ IN DANCE MOVEMENT STUDIES
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of instructor.
• 26005

T D 352P PROJ IN DANCE MOVEMENT STUDIES
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing and consent of instructor.
• 26010

T D 152T 5-POINTE
Course number may be repeated for credit when the topics vary. Fundamental study of principles and vocabulary of dance. A study and practice of classical and contemporary ballet pointe technique. Distinguishes between and practice various 'schools' of pointe technique, study its anatomical principles, and learn repertoire ranging from the nineteenth century to the current day. Increasingly complex combinations of movements, positions, and rhythms will be applied toward developing physical skills, cognitive skills, and performance quality. Individual expression and artistry is encouraged. Theatre and Dance 152T (Topic: Pointe) and 152T, 252T, 352T (Topic 5) may not both be counted. Prerequisite: Upper-division standing and consent of instructor.
• 26015 TTH 100 - 200P RSC 1.104 OVERBEY, D

T D 352T EXPERIENTIAL ANATOMY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Fundamental study of principles and vocabulary of dance. Prerequisite: Upper-division standing and consent of instructor.
• 26020 TTH 930 - 1100 WIN 2.124

10-INTERMEDIATE/ADV HIP-HOP
Course number may be repeated for credit when the topics vary. Fundamental study of principles and vocabulary of dance. Continued introduction to the foundation of street dance styles, specifically old school Hip Hop and House dance techniques. Exploration of these dance styles and their cultural origins through an investigation of movement principles, history, and philosophy of street dance. Theater and Dance 302T (Topic: HIP-HOP) and 152T (Topic 10) may not bothbe counted. Prerequisite: Upper-division standing and consent of instructor.
• 26025 TTH 200 - 330P RSC 1.106 HECKLER, M

14-THRY/PRAC PILATES-EVLVD LAB
Course number may be repeated for credit when the topics vary. Fundamental study of principles and vocabulary of dance. Explore daily mind/body practice of efficient alignment, core strengthening, movement re-education and execution using Pilates-evolved techniques, equipment, and readings to enhance movement expressivity in performance. Theatre and Dance 352T (Topic: THRY/PRAC PILATES-EVOLVED LAB) and 152T (Topic 14) may not both be counted. Prerequisite: Upper-division standing and consent of instructor.
• 26030 MW 1100 - 1230P WIN 2.124 BECKHAM, A

T D 353D ACTING AND THE CAMERA I
Fundamentals of acting for the camera; adjusting from the stage to the demands of the camera. Theatre and Dance 351T (Topic: Acting for the Camera) and 353D may not both be counted. Prerequisite: For Bachelor of Fine Arts in Acting majors, upper-division standing and Theatre and Dance 353C; for others, upper-division standing, and Theatre and Dance 313E with a grade of at least B- or consent of instructor.
• 26035 MW 200 - 500P WIN 1.134 DOUGLAS, L

T D 353K VOICE-OVER AND NARRATION
Designed to accommodate 35 or fewer students. Microphone technique and the use of the voice to create character in various media applications such as narration, video games, and commercial copy. Prerequisite: Upper-division standing; and Theatre and Dance 313L and 323F, or consent of instructor.
• 26040 MW 1200 - 200P WIN 2.180 RAMIREZ, R

T D 353Q PORTFOLIO PREPARATION
Selection and rehearsal of materials in preparation for professional acting interviews and auditions. Restricted to Bachelor of Fine Arts in Acting majors. Prerequisite: Upper-division standing.
• 26045 TTH 1230 - 200P WIN 1.134 CARPENTER, L

T D 353T MUSICAL VOCAL WORKSHOP
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics in acting including voice/speech, movement, and directing. Restricted to majors in the Department of Theatre and Dance. Prerequisite: Upper-division standing, and Theatre and Dance 313E with a grade of at least B - or consent of the acting/directing faculty.
• 26047 TTH 1230 - 200P WIN 1.148 STRAKOWSKI, S

REHEARSAL PRACTICES
Course number may be repeated for credit when the topics vary. Topics in acting including voice/speech, movement, and directing. Restricted to majors in the Department of Theatre and Dance. Prerequisite: Upper-division standing, and Theatre and Dance 313E with a grade of at least B - or consent of the acting/directing faculty. meets with T D 381F.
• 26050 MW 1100 - 1230P LTH 1.110 SANCHEZ, K

1-ACTING SHAKESPEARE
Course number may be repeated for credit when the topics vary. Topics in acting including voice/speech, movement, and directing. Incorporating language as action by applying basic acting principles to the demand of Shakespearean text. Only one of the following may be counted: Theatre and Dance 323F, 353T (Topic: Acting Shakespeare), or 353T (Topic 1). Restricted to majors in the Department of Theatre and Dance. Prerequisite: Upper-division standing, and Theatre and Dance 313E with a grade of at least B - or consent of the acting/directing faculty.
• 26055 TTH 930 - 1100 WIN 2.180 DORN, F

5-STAGE COMBAT FOR THE ACTOR
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics in acting including voice/speech, movement, and directing. Introduction to theatrical fighting and violence. Explores the techniques used to create the illusion of stage fighting and violence both with and without weapons. Focus on the practical application of violence to tell stories on the stage and/or screen. An opportunity to have work observed in front of a Fight Master of the Society of American Fight Directors. Theatre and Dance 353T (Topic: Stage Combat for the Actor) and 353T (Topic 5) may not both be counted. Restricted to majors in the Department of Theatre and Dance. Prerequisite: Upper-division standing, and Theatre and Dance 313E with a grade of at least B - or consent of the acting/directing faculty.
• 26060 TTH 1100 - 1230P WIN 2.120 MILLER-BATTEAU, A

T D 154P PROJECTS IN DESIGN AND TECHNOL
May be repeated for credit. Individual projects in theatre design and technology. Prerequisite: Consent of instructor.
• 26065 W 900 - 1000 WIN 1.130 CLOYES, R

PROJECTS IN DESIGN AND TECHNOL
Hour(s) to be arranged. May be repeated for credit. Individual projects in theatre design and technology. Prerequisite: Consent of instructor.
• 26070

T D 254P PROJECTS IN DESIGN AND TECHNOL
Hour(s) to be arranged. May be repeated for credit. Individual projects in theatre design and technology. Prerequisite: Consent of instructor.
• 26075

T D 354P PROJECTS IN DESIGN AND TECHNOL
Hour(s) to be arranged. May be repeated for credit. Individual projects in theatre design and technology. Prerequisite: Consent of instructor.
• 26080

T D 354T DESIGN SKILLS: COSTUME
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor.
• 26085 TTH 1100 - 1230P WIN 1.164 MICKEY, S

DESIGNING VIRTUAL WORLDS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with AET 345.
• 26088 TTH 200 - 330P PAC 3.204

DRAFTING LIGHTING AND MEDIA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with AET 339.
• 26089 TTH 1230 - 200P WIN 1.138 SMITH, M

DRAPING I
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388J (TOPIC 2).
• 26090 TTH 1100 - 1230P WIN 2.170 GLAVAN, J
M 600 - 800P WIN 2.170

GENERATIVE MEDIA/VISUALS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with AET 362C.
• 26093 TTH 1230 - 200P PAC 3.204

PLAI PRODUCTIONS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with AET 339.
• 26094 MWF 1000 - 1200 PAC 3.204 SMITH, M

PRACTICAL SPECIAL EFFECTS
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. Topic description: Research specific aspects of the stage management process for a theatrical production. Discuss functions of the production team, the

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process of rehearsing for a show, processes involved for several of the design areas, and the role of the stage manager as the hub of communication. meets with AET 339, T D 388L.
• 26095 M 830 - 1000 PAC 2.208 MANESS, K
M 1000 - 1130 PAC 2.208
M 1230 - 200P PAC 2.208

PRODUCTION DESIGN
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388L.
• 26100 F 900 - 1200 WIN 2.138 BOUDREAUX, Y

SPECIAL EFFECTS MAKE-UP
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388L.
• 26105 W 630 - 930P WIN 1.139 GLAVAN, J

ZERO WASTE DESIGN/FAB
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388L.
• 26110 F 900 - 1100 PAC 2.208 JOHNSON, J
T 600 - 900P PAC 2.216

VISUAL PROGRAMMING
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with AET 363C.
• 26114 MW 1230 - 200P PAC 3.204

3-D PREVISUALIZATION
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor.
• 26115 TTH 200 - 330P WIN 1.138 SMITH, M

4-MILLINERY
Course number may be repeated for credit when the topics vary. Fundamentals of hat design, fitting, and construction techniques. Theatre and Dance 354T (Topic: Millinery) and 354T (Topic 4) may not both be counted. Prerequisite: Consent of instructor. meets with T D 388L (TOPIC 14).
• 26120 M 630 - 930P WIN 2.170 GLAVAN, J

11-LIGHTING DESIGN SKILLS
Course number may be repeated for credit when the topics vary. Fundamentals of research, paperwork communication, and technology for lighting designers. Prerequisite: Consent of instructor. Restricted to Theatre and Dance majors. meets with T D 388L (TOPIC 27).
• 26125 TTH 1230 - 200P WIN 2.138 HABECK, M

12-SCENERY DESIGN SKILLS
Course number may be repeated for credit when the topics vary. Fundamentals of designing, drafting, and model building of scenery for theatrical and film designers. Prerequisite: Consent of instructor.
• 26130 TTH 1100 - 1230P WIN 2.138 BLOODGOOD, W

13-STAGE MAKEUP
Course number may be repeated for credit when the topics vary. Tools and products used by professional makeup artists. Includes techniques for natural, character, and special effects makeup in theatre, opera, dance, film, and TV. Prerequisite: Consent of instructor.
• 26135 MW 200 - 400P WIN 1.304 LOWERY, A

15-SCENE PAINTING
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Scene painting techniques for theatrical designers. Prerequisite: Consent of instructor. meets with T D 388L (TOPIC 30).
• 26140 TTH 200 - 330P PAC 2.206 MANESS, K

19-SOUND DESIGN I
Course number may be repeated for credit when the topics vary. Introduction to sound design for live performance. Theatre and Dance 354T (Topic: Sound Design I) and 354T (Topic 19) may not both be counted. Prerequisite: Consent of instructor.
• 26145 TTH 1230 - 200P MRH 3.124 PEREZ, C

33-PROJECTION DESIGN
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to the field of projection design in live performance. Theatre and Dance 354T (Topic: Projection Design) and 354T (Topic 33) may not both be counted. Prerequisite: Consent of instructor. meets with AET 347, T D 388L.
• 26150 TTH 930 - 1100 WIN 1.138 ORTEL, S

36-STAGE MANAGEMENT
Course number may be repeated for credit when the topics vary. Fundamentals of the stage management process for theatrical production. Theatre and Dance 354T (Topic: Stage Management) and 354T (Topic 36) maynot both be counted. Prerequisite: Consent of instructor.
• 26155 TTH 930 - 1100 WIN 2.138 CLOYES, R

T D 355 PLAYWRITING III
Designed to accommodate 35 or fewer students. Focus on experiments in revising dramatic text in order to create a common vocabulary around narrative structure. Revision often includes the creation of multiple new drafts, digging through past drafts for abandoned themes, lost focus, and new inspiration as well as exploring character, narrative, and/or language. Only one of the following may be counted: Creative Writing 355D, Theatreand Dance 355T (Topic: Playwriting III), 355. Prerequisite: Upper-division standing, Creative Writing 340D or Theatre and Dance 325, and consent of instructor. same as CRW 355D.
• 26159 MW 1230 - 200P LTH 1.110 SHAW, P

T D 357T 4-CONFRONTING LGBTQ OPPRESSN
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Theatre and Dance 357T (Topic: Confronting LGBTQ Oppression) and 357T Topic 4 may not both be counted. Prerequisite: Upper-division standing. meets with WGS 335 (TOPIC 1), S W 360K.
• 26160 W 300 - 600P CMA 5.190

T D 180P ADV PROJECTS IN PERFORMANCE
Projects inappropriate to organized courses but pertinent to students' training and development in acting, directing, dance, and playwriting. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.
• 26165 F 1100 - 100P WIN 1.134 DAWSON, K
• 26170 F 200 - 330P WIN 1.108 ENGELMAN, E

GRAD PROJ IN DANCE MOVEMENT
Hour(s) to be arranged. Projects inappropriate to organized courses but pertinent to students' training and development in acting, directing, dance, and playwriting. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.
• 26174

T D 380P ADV PROJECTS IN PERFORMANCE
Hour(s) to be arranged. Projects inappropriate to organized courses but pertinent to students' training and development in acting, directing, dance, and playwriting. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.
• 26175

T D 381F REHEARSAL PRACTICES
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Problems in the theory and practice of acting and directing for the theatre. Prerequisite: Graduate standing, a major in acting, and consent of instructor. meets with T D 353T.
• 26180 MW 1100 - 1230P LTH 1.110 SANCHEZ, K
F 1100 - 1230P WIN 1.130

T D 386 DANCE IN ACADEMIA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics pertinent to students' training and development in dance and choreography. Prerequisite: Graduate standing and consent of instructor.
• 26185 TTH 200 - 330P WIN 2.116 ANDERSON, C

T D 386D DANCE TECHNIQUE
Training in ballet, modern, and other forms of dance. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.
• 26190 MW 1100 - 1230P WIN 1.172 ANDERSON, C

T D 387D NONPROFIT MGMT AND STRATEGY
Course number may be repeated for credit when the topics vary. Topics, restricted or broad in scope, related to performance studies. Prerequisite: Graduate standing and consent of instructor. meets with P A 388L.
• 26195 T 900 - 1200 SRH 3.355 OSTROWER, F

PERFORMING BLACKNESS
Course number may be repeated for credit when the topics vary. Topics, restricted or broad in scope, related to performance studies. Prerequisite: Graduate standing and consent of instructor. meets with AMS 391, AFR 387D, WGS 393.
• 26200 W 1200 - 300P GWB 1.138 THOMPSON, L

THEATRE AND REVOLUTION
Course number may be repeated for credit when the topics vary. Topics, restricted or broad in scope, related to performance studies. Prerequisite: Graduate standing and consent of instructor. meets with E 397M.
• 26201 T 200 - 500P CAL 323 ARJOMAND, M

T D 387N DOCUMENTARY THEATRE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 26202 M 100 - 400P WIN 1.164 SANCHEZ, K

T D 387P PLAYWRITING WORKSHOP
Designed to accommodate 35 or fewer students. May be repeated for credit. Theory and practice of dramatic writing. Prerequisite: Graduate standing and consent of instructor.
• 26205 T 200 - 500P WIN 1.130 LYNN, K

T D 388 RESEARCH METHODS AND RESOURCES
Theory and practice of academic research for theatre artists. Prerequisite: Graduate standing and consent of instructor.
• 26210 TTH 930 - 1100 WIN 1.148 ALRUTZ, M

T D 388J MEDIA DESIGN & TECHNOLOGY III
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Problems in the theory of scenic design, costume design, lighting design, and theatre technology. Prerequisite: Graduate standing and consent of instructor.
• 26215 W 200 - 500P WIN 1.138 ORTEL, S

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course	unique	days	time	room	instructor

STUDIO I
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Problems in the theory of scenic design, costume design, lighting design, and theatre technology. Prerequisite: Graduate standing and consent of instructor.

• 26220	W	200 - 500P	WIN 2.138	BLOODGOOD, W

1-COSTUME DESIGN
Course number may be repeated for credit when the topics vary. Problems in the theory of scenic design, costume design, lighting design, and theatre technology. Prerequisite: Graduate standing and consent of instructor.

• 26225	W	800 - 1100	WIN 1.164	MICKEY, S

2-COSTUME TECHNOLOGY
Course number may be repeated for credit when the topics vary. Problems in the theory of scenic design, costume design, lighting design, and theatre technology. Prerequisite: Graduate standing and consent of instructor. meets with T D 354T.

• 26230	TTH	1100 - 1230P	WIN 2.170	GLAVAN, J
	M	600 - 800P	WIN 2.170	

3-LIGHTING DESIGN
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Problems in the theory of scenic design, costume design, lighting design, and theatre technology. Prerequisite: Graduate standing and consent of instructor.

• 26235	W	800 - 1100	WIN 2.121	YEW, J

4-SCENIC DESIGN
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Problems in the theory of scenic design, costume design, lighting design, and theatre technology. Fundamentals of scenic design. Designed primarily for students studying scenic design. Prerequisite: Graduate standing and consent of instructor.

• 26240	W	800 - 1100	WIN 2.138	BLOODGOOD, W

T D 388L ADV TPCS IN DESIGN AND TECHNOL
Course number may be repeated for credit when the topics vary. Topics that are related to and support the study of theatrical design and technology. Prerequisite: Graduate standing and consent of instructor. meets with T D 354T.

• 26245	F	900 - 1100	PAC 2.208	JOHNSON, J
	T	600 - 900P	PAC 2.216	

PRACTICAL SPECIAL EFFECTS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics that are related to and support the study of theatrical design and technology. Prerequisite: Graduate standing and consent of instructor. meets with AET 339, T D 354T.

• 26247	M	830 - 1000	PAC 2.208	MANESS, K
	M	1000 - 1130	PAC 2.208	
	M	1230 - 200P	PAC 2.208	

PRODUCTION DESIGN
Course number may be repeated for credit when the topics vary. Topics that are related to and support the study of theatrical design and technology. Prerequisite: Graduate standing and consent of instructor. meets with T D 354T.

• 26250	F	900 - 1200	WIN 2.138	BOUDREAUX, Y

PROJECTION DESIGN
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Topics that are related to and support the study of theatrical design and technology. Prerequisite: Graduate standing and consent of instructor. Topic description: Examine projection design in live performance using specialist software. Restricted to College of Fine Arts and Radio, Television and Film students. meets with AET 347, T D 354T (TOPIC 33).

• 26255	TTH	930 - 1100	WIN 1.138	ORTEL, S

SPECIAL EFFECTS MAKE-UP
Course number may be repeated for credit when the topics vary. Topics that are related to and support the study of theatrical design and technology. Prerequisite: Graduate standing and consent of instructor. meets with T D 354T.

• 26260	W	630 - 930P	WIN 1.139	GLAVAN, J

14-MILLINERY I
Course number may be repeated for credit when the topics vary. Topics that are related to and support the study of theatrical design and technology. Fundamentals of hat design, fitting, and construction techniques. Prerequisite: Graduate standing and consent of instructor. meets with T D 354T (TOPIC 4).

• 26265	M	630 - 930P	WIN 2.170	GLAVAN, J

27-LIGHTING DESIGN SKILLS
Course number may be repeated for credit when the topics vary. Topics that are related to and support the study of theatrical design and technology. Fundamentals of research, paperwork communication, and technology for lighting designers. Prerequisite: Graduate standing and consent of instructor. Restricted to Theatre and Dance majors. meets with T D 354T (TOPIC 11).

• 26270	TTH	1230 - 200P	WIN 2.138	HABECK, M

30-SCENE PAINTING
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Topics that are related to and support the study of theatrical design and technology. Scene painting techniques for theatrical designers. Prerequisite: Graduate standing and consent of instructor. meets with T D 354T (TOPIC 15).

• 26275	TTH	200 - 330P	PAC 2.206	MANESS, K

T D 188M ADV PROJS IN DESIGN & TECHNOL
Additional hour(s) to be arranged. Advanced independent study projects in scenic design, costume design, lighting design, and theatre technology. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor. meets with T D 188M.

• 26280	W	1100 - 1200	WIN 2.138	BLOODGOOD, W
• 26285	W	1100 - 1200	WIN 2.138	GLAVAN, J
• 26290	W	1100 - 1200	WIN 2.138	HABECK, M
• 26295	W	1100 - 1200	WIN 2.138	MICKEY, S
• 26300	W	1100 - 1200	WIN 2.138	ORTEL, S
• 26305	W	1100 - 1200	WIN 2.138	YEW, J

ADV PROJS IN DESIGN & TECHNOL
Hour(s) to be arranged. Advanced independent study projects in scenic design, costume design, lighting design, and theatre technology. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.

• 26310

T D 388M ADV PROJS IN DESIGN & TECHNOL
Hour(s) to be arranged. Advanced independent study projects in scenic design, costume design, lighting design, and theatre technology. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.

• 26315

T D 391 1-HISTORIOGRAPHY
Course number may be repeated for credit when the topics vary. Topics, restricted or broad in scope, related to performance as public practice. The history of history, in practice, as a discipline, and in writing. Prerequisite: Graduate standing and consent of instructor.

• 26320	TTH	1230 - 200P	WIN 2.136	CANNING, C

T D 395 DOCTORAL EXAM PREP
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. In-depth exploration of literature in specialized areas of interest, primarily as preparation for doctoral examinations and dissertation proposals. Prerequisite: Graduate standing and consent of instructor.

• 26325

T D 195P ADV PROJS IN PERFORMANCE STDS
Hour(s) to be arranged. Advanced independent study projects in performance studies, theatre history, theory, criticism, performance as public practice, drama and theatre for youth, theatre outreach, and dramaturgy. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.

• 26330

T D 295P ADV PROJS IN PERFORMANCE STDS
Hour(s) to be arranged. Advanced independent study projects in performance studies, theatre history, theory, criticism, performance as public practice, drama and theatre for youth, theatre outreach, and dramaturgy. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.

• 26335

T D 395P ADV PROJS IN PERFORMANCE STDS
Hour(s) to be arranged. Advanced independent study projects in performance studies, theatre history, theory, criticism, performance as public practice, drama and theatre for youth, theatre outreach, and dramaturgy. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.

• 26340

T D 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For Theatre and Dance 698A, graduate standing and consent of the graduate adviser; for 698B, Theatre and Dance 698A (or Drama 698A).

• 26345

T D 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For Theatre and Dance 698A, graduate standing and consent of the graduate adviser; for 698B, Theatre and Dance 698A (or Drama 698A).

• 26350

T D 398T SUPRVSD TEACHING IN THTR/DANCE
Theory and practice of pedagogy in theatre and dance. Prerequisite: Graduate standing.

• 26355	TTH	1100 - 1230P	WIN 1.148	ROSSEN PAVKOVIC, R

T D 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 26360

T D 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 26365

T D 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 26370

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T D 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Theatre and Dance 399R, 699R, or 999R.
• 26375

T D 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Theatre and Dance 399R, 699R, or 999R.
• 26380

T D 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Theatre and Dance 399R, 699R, or 999R.
• 26385

JOHN A. AND KATHERINE G. JACKSON SCHOOL OF GEOSCIENCES

ENERGY AND EARTH RESOURCES GRADUATE PROGRAM

Energy and Earth Resources - EER

EER 194 ENERGY STUDIES
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Energy, water, and environmental issues related to the exploration, production, and consumption of energy in society. Restricted to students in the energy and earth resources program. Prerequisite: Graduate standing.
• 26440

EER 294 ENERGY STUDIES
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Energy, water, and environmental issues related to the exploration, production, and consumption of energy in society. Restricted to students in the energy and earth resources program. Prerequisite: Graduate standing.
• 26445

EER 394 ENERGY STUDIES
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Energy, water, and environmental issues related to the exploration, production, and consumption of energy in society. Restricted to students in the energy and earth resources program. Prerequisite: Graduate standing.
• 26450

EER 396 ENERGY TECHNOLOGY AND POLICY
Course number may be repeated for credit when the topics vary. Graduate seminar covering a wide range of issues in energy and earth resources. Prerequisite: Graduate standing. meets with CHE 359, CHE 384T.
• 26455 TTH 200 - 330P CPE 2.218 BEACH, F

RSCH IN ENERGY/EARTH RESOURCES
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Graduate seminar covering a wide range of issues in energy and earth resources. Prerequisite: Graduate standing.
• 26460

3-POLICY AND LAW
Course number may be repeated for credit when the topics vary. Graduate seminar covering a wide range of issues in energy and earth resources. Prerequisite: Graduate standing. meets with LEB 380 (TOPIC 38), LAW 363U, P A 388K.
• 26464 MT 215 - 330P TNH 3.142 SPENCE, D

5-GEOLOGY OF EARTH RESOURCES
Course number may be repeated for credit when the topics vary. Graduate seminar covering a wide range of issues in energy and earth resources. Study of geologic, economic, societal, and environmental issues related to the production and consumption of energy, metal, industrial mineral, and water resources. Emphasizes the descriptive geology and origin of earth resources within the context of their overall geologic settings. Only one of the following may be counted: Energy and Earth Resources 396(Topic: Geology of Earth Resources), 396 (Topic 5), Geological Sciences 386R, 391 (Topic: Geology of Earth Resources). May not be counted toward a graduate degree in geological sciences or petroleum engineering. Prerequisite: Graduate standing. Prerequisite: Graduate standing. same as GEO 386R.
• 26465 TTH 1100 - 1230P JGB 3.222 KYLE, J
M 1200 - 200P JGB 3.204

EER 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in energy and earth resources,at least nine semester hours of coursework in the energy and earth resources program, and consent of the graduate adviser; for 698B, Energy and Earth Resources 698A.
• 26470

EER 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in energy and earth resources,at least nine semester hours of coursework in the energy and earth resources program, and consent of the graduate adviser; for 698B, Energy and Earth Resources 698A.
• 26475

DEPARTMENT OF GEOLOGICAL SCIENCES

Environmental Science - EVS
Geological Sciences - GEO

EVS 141 ENVIR SCI PROFESSIONALISM I
Restricted enrollment; contact the department for permission to register for this class. Examines the fundamental, nontechnical aspects of environmental science and sustainability practices through the use of case studies and projects that use interdisciplinary approaches. Subjects may include the importance of interdisciplinary collaboration in addressing and assessing environmental science processes, the development

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course	unique	days	time	room	instructor

of professional opportunities across disciplines, understanding professional responsibilities, applying ethical principles, the balance of multidisciplinary demands in professional practice, and the need for lifelong learning. Restricted to environmental science majors. Prerequisite: Senior standing, Environmental Science 311, and 331 with a grade of at least C- in each.

• 26530	W	400 - 500P	JGB 2.202	WONG, C

EVS 271 RESEARCH EXPERIENCE

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Supervised study of selected topics in environmental science by individual arrangement with the instructor. Restricted to environmental science majors. Prerequisite: Consent of instructor.

• 26535

EVS 371 RESEARCH EXPERIENCE

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Supervised study of selected topics in environmental science by individual arrangement with the instructor. Restricted to environmental science majors. Prerequisite: Consent of instructor.

• 26540

GEO 401 PHYSICAL GEOLOGY

Designed to accommodate 100 or more students. Nature, properties, and distribution of crustal materials; surficial processes; internal processes; origin of continents, oceans, and ocean basins; mineral and fuel resources. Only one of the following may be counted: Geological Sciences 401, 303, 420H. Registration priority given to environmental science and geological sciences majors.

• 26595	MWF	900 - 1000	JGB 2.324	BARNES, J
	F	1000 - 1200	JGB 2.310	
• 26600	MWF	900 - 1000	JGB 2.324	BARNES, J
	T	1200 - 200P	JGB 2.310	
• 26605	MWF	900 - 1000	JGB 2.324	BARNES, J
	F	1200 - 200P	JGB 2.310	
• 26610	MWF	900 - 1000	JGB 2.324	BARNES, J
	M	200 - 400P	JGB 2.310	
• 26615	MWF	900 - 1000	JGB 2.324	BARNES, J
	W	200 - 400P	JGB 2.310	
• 26620	MWF	900 - 1000	JGB 2.324	BARNES, J
	M	400 - 600P	JGB 2.310	
• 26625	MWF	900 - 1000	JGB 2.324	BARNES, J
	W	400 - 600P	JGB 2.310	
• 26630	MWF	900 - 1000	JGB 2.324	BARNES, J
	F	400 - 600P	JGB 2.310	
• 26635	MWF	900 - 1000	JGB 2.324	BARNES, J
	W	600 - 800P	JGB 2.310	
• 26640	MWF	200 - 300P	JGB 2.324	BREECKER, D
	T	800 - 1000	JGB 2.310	
• 26645	MWF	200 - 300P	JGB 2.324	BREECKER, D
	M	1000 - 1200	JGB 2.310	
• 26650	MWF	200 - 300P	JGB 2.324	BREECKER, D
	T	1000 - 1200	JGB 2.310	
• 26655	MWF	200 - 300P	JGB 2.324	BREECKER, D
	TH	1000 - 1200	JGB 2.310	
• 26660	MWF	200 - 300P	JGB 2.324	BREECKER, D
	M	1200 - 200P	JGB 2.310	
• 26665	MWF	200 - 300P	JGB 2.324	BREECKER, D
	TH	1200 - 200P	JGB 2.310	
• 26670	MWF	200 - 300P	JGB 2.324	BREECKER, D
	T	200 - 400P	JGB 2.310	
• 26675	MWF	200 - 300P	JGB 2.324	BREECKER, D
	M	600 - 800P	JGB 2.310	

GEO 302D AGE OF DINOSAURS

Designed to accommodate 100 or more students. An exploration of the general principles of natural history, focusing onthe natural history of dinosaurs. An introduction to the basics of geology, anatomy, paleontology, and evolutionary theory, followed by the application of this knowledge, in tracing the evolutionary history of Dinosauria. May not be counted toward a degree in environmental or geological sciences.

• 26680	TTH	930 - 1100	JGB 2.324	ROWE, T
	T	800 - 930	JGB 3.116	
• 26685	TTH	930 - 1100	JGB 2.324	ROWE, T
	TH	800 - 930	JGB 3.116	
• 26690	TTH	930 - 1100	JGB 2.324	ROWE, T
	F	1000 - 1130	JGB 3.116	
• 26695	TTH	930 - 1100	JGB 2.324	ROWE, T
	M	1100 - 1230P	JGB 3.116	
• 26700	TTH	930 - 1100	JGB 2.324	ROWE, T
	T	1100 - 1230P	JGB 3.116	
• 26705	TTH	930 - 1100	JGB 2.324	ROWE, T
	M	1230 - 200P	JGB 3.116	
• 26710	TTH	930 - 1100	JGB 2.324	ROWE, T
	T	1230 - 200P	JGB 3.116	
• 26715	TTH	930 - 1100	JGB 2.324	ROWE, T
	TH	1230 - 200P	JGB 3.116	
• 26720	TTH	930 - 1100	JGB 2.324	ROWE, T
	F	1230 - 200P	JGB 3.116	
• 26725	TTH	930 - 1100	JGB 2.324	ROWE, T
	M	200 - 330P	JGB 3.116	
• 26730	TTH	930 - 1100	JGB 2.324	ROWE, T
	F	200 - 330P	JGB 3.116	
• 26735	TTH	930 - 1100	JGB 2.324	ROWE, T
	T	330 - 500P	JGB 3.116	
• 26740	TTH	930 - 1100	JGB 2.324	ROWE, T
	TH	330 - 500P	JGB 3.116	
• 26745	TTH	930 - 1100	JGB 2.324	ROWE, T
	M	400 - 530P	JGB 3.116	

GEO 303 INTRODUCTION TO GEOLOGY

Designed to accommodate 100 or more students. Mineral and rock composition of the earth; measurement of geologic time;origin and evolution of life; earth's interior; plate tectonics; depositional environments and processes; ancient climates; humans, earth resources, and the environment. Only one of the following may be counted: Geological Sciences 401, 303, 420H. Registration priority given to environmental science, geological sciences, and petroleum and geosystems engineering majors.

• 26750	TTH	1100 - 1200	JGB 2.324	GRAND, S
	T	800 - 1000	JGB 2.306	
• 26755	TTH	1100 - 1200	JGB 2.324	GRAND, S
	W	800 - 1000	JGB 2.306	
• 26760	TTH	1100 - 1200	JGB 2.324	GRAND, S
	F	800 - 1000	JGB 2.306	
• 26765	TTH	1100 - 1200	JGB 2.324	GRAND, S
	M	1000 - 1200	JGB 2.306	
• 26770	TTH	1100 - 1200	JGB 2.324	GRAND, S
	W	1000 - 1200	JGB 2.306	
• 26775	TTH	1100 - 1200	JGB 2.324	GRAND, S
	M	1200 - 200P	JGB 2.306	
• 26780	TTH	1100 - 1200	JGB 2.324	GRAND, S
	W	1200 - 200P	JGB 2.306	
• 26785	TTH	1100 - 1200	JGB 2.324	GRAND, S
	F	1200 - 200P	JGB 2.306	
• 26790	TTH	1100 - 1200	JGB 2.324	GRAND, S
	T	200 - 400P	JGB 2.306	
• 26795	TTH	1100 - 1200	JGB 2.324	GRAND, S
	TH	200 - 400P	JGB 2.306	
• 26800	TTH	1100 - 1200	JGB 2.324	GRAND, S
	M	400 - 600P	JGB 2.306	
• 26805	TTH	1100 - 1200	JGB 2.324	GRAND, S
	TH	400 - 600P	JGB 2.306	
• 26810	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	M	800 - 1000	JGB 2.306	
• 26815	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	TH	800 - 1000	JGB 2.306	
• 26820	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	T	1000 - 1200	JGB 2.306	
• 26825	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	TH	1000 - 1200	JGB 2.306	
• 26830	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	F	1000 - 1200	JGB 2.306	
• 26835	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	T	1200 - 200P	JGB 2.306	
• 26840	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	TH	1200 - 200P	JGB 2.306	
• 26845	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	M	200 - 400P	JGB 2.306	
• 26850	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	W	200 - 400P	JGB 2.306	
• 26855	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	F	200 - 400P	JGB 2.306	
• 26860	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	W	500 - 700P	JGB 2.306	

GEO 405 LIFE THROUGH TIME

The history and development of life, and the processes of change from the early Precambrian era to the present. Geological Sciences 404C and 405 may not both be counted. Restricted to freshmen and sophomores, with registration priority given to majors in the geological and environmental science degree plans. Prerequisite: Geological Sciences 401, 303, or 420H with a grade of at least C-.

• 26865	TTH	200 - 330P		CLARKE, J
	M	800 - 1000	JGB 3.116	
• 26870	TTH	200 - 330P		CLARKE, J
	W	800 - 1000	JGB 3.116	
• 26875	TTH	200 - 330P	JGB 2.218	CLARKE, J
	F	800 - 1000	JGB 3.116	
• 26880	TTH	200 - 330P	JGB 2.218	CLARKE, J
	W	1100 - 100P	JGB 3.116	
• 26885	TTH	200 - 330P	JGB 2.218	CLARKE, J
	W	200 - 400P	JGB 3.116	
• 26890	TTH	200 - 330P	JGB 2.218	CLARKE, J
	W	400 - 600P	JGB 3.116	

GEO 416K EARTH MATERIALS

Introduction to minerals, mineral study techniques, igneous and metamorphic rocks and ore deposits, and formation processes. Restricted to majors in the Jackson School of Geosciences; others may register with consent of instructor. Prerequisite:

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course	unique	days	time	room	instructor

The following with a grade of at least C- in each: Chemistry 301, 302, and Geological Sciences 401, 303, or 420H.

• 26895	MWF	1000 - 1100	JGB 2.218	CATLOS, E
	MW	800 - 1000	EPS 2.102	
• 26900	MWF	1000 - 1100	JGB 2.218	CATLOS, E
	MW	1200 - 200P	EPS 2.102	
• 26905	MWF	1000 - 1100	JGB 2.218	CATLOS, E
	TTH	1200 - 200P	EPS 2.102	
• 26910	MWF	1000 - 1100	JGB 2.218	CATLOS, E
	MW	200 - 400P	EPS 2.102	
• 26915	MWF	1000 - 1100	JGB 2.218	CATLOS, E
	MW	400 - 600P	EPS 2.102	
• 26920	MWF	1000 - 1100	JGB 2.218	CATLOS, E
	TTH	600 - 800P	EPS 2.102	

GEO 416M SEDIMENTARY ROCKS

Description and interpretation of sedimentary rocks in hand specimen and thin section; characteristics of sedimentary rocks deposited in different environments. Restricted to majors in the Jackson School of Geosciences. Prerequisite: Geological Sciences 401, 303, or 420H with a grade of at least C-.

• 26925	TTH	330 - 500P	JGB 2.216	KIM, W
	MW	800 - 1000	EPS 2.136	
• 26930	TTH	330 - 500P	JGB 2.216	KIM, W
	TTH	800 - 1000	EPS 2.136	
• 26935	TTH	330 - 500P	JGB 2.216	KIM, W
	MW	1000 - 1200	EPS 2.136	
• 26940	TTH	330 - 500P	JGB 2.216	KIM, W
	TTH	1000 - 1200	EPS 2.136	
• 26945	TTH	330 - 500P	JGB 2.216	KIM, W
	TTH	1200 - 200P	EPS 2.136	
• 26950	TTH	330 - 500P	JGB 2.216	KIM, W
	TTH	1200 - 200P	EPS 2.136	
• 26955	TTH	330 - 500P	JGB 2.216	KIM, W
	MW	400 - 600P	EPS 2.136	
• 26960	TTH	330 - 500P	JGB 2.216	KIM, W
	TTH	500 - 700P	EPS 2.136	

GEO 325K COMPUTATIONAL METHODS

Sampling and aliasing. Review of sinusoids and wave terminology, complexnumbers and complex sinusoids, vectors and matrices, the discrete Fourier transform, convolution, the convolution theorem, linear digital filters and transfer functions, random variable concepts and statistics,and least squares estimation. MATLAB is used for homework problems and examples. Restricted to geological sciences majors. Prerequisite: The following with a grade of at least C- in each: Geological Sciences 325J or 325G, Mathematics 427J or 427K, Physics 301 and 316 or 303K and 303L. meets with GEO 383D.

• 26965	MW	1200 - 100P	JGB 3.120	WILSON, C
	TTH	1230 - 200P	JGB 2.312	

GEO 327G GIS & GPS APPLICS IN EARTH SCI

Additional hour(s) to be arranged. Theory and practice of geographic information system (GIS) and Global Positioning System (GPS) technologies, and their applications to problems in earth sciences. Laboratories and field trips provide hands-on experience with the collection, mapping, and analysis of geologic and other field data using GPS equipment and GIS software. Topics include map projections; datums and reference frames; cartographic principles; remotely sensed data (satellite and aerial photos, image radar); vector- and raster-based image formats; geospatial data resources; GIS software applications; surveying principles; GPS constellation and data structure; differential GPS; data logging schemes; GPS postprocessing software; integration of GPS and GIS in mapmaking; extant GIS applications in geology and hydrogeology. Geological Sciences 327G and 371C (Topic: Geographic Information System and Global Positioning System Applications in Earth Sciences) may not both be counted. Restricted to environmental science and geological sciences majors. Prerequisite: Geological Sciences 420K with a grade of at least C-. meets with GEO 386G.

• 26970	TTH	1100 - 1230P	JGB 2.312	HELPER, M
	T	200 - 400P	JGB 2.312	

GEO 428 STRUCTURAL GEOLOGY

Restricted enrollment; contact the department for permission to register for this class. Description, classification, and origin of Earth structures. Solution of problems by descriptive geometry, geologic maps, and contouring. Restricted to geological sciences majors. Prerequisite: The following with a grade of at least C-: Geological Sciences 420K; Mathematics 408C or 408L; and Physics 301 and 101L, or 303K and 103M.

• 26975	MWF	900 - 1000	JGB 2.218	CLOOS, M
	T	1100 - 200P	JGB 3.204	
• 26980	MWF	900 - 1000	JGB 2.218	CLOOS, M
	TH	1100 - 200P	JGB 3.204	
• 26985	MWF	900 - 1000	JGB 2.218	CLOOS, M
	M	200 - 500P	JGB 3.204	
• 26990	MWF	900 - 1000	JGB 2.218	CLOOS, M
	W	200 - 500P	JGB 3.204	
• 26995	MWF	900 - 1000	JGB 2.218	CLOOS, M
	F	200 - 500P	JGB 3.204	
• 27000	MWF	900 - 1000	JGB 2.218	CLOOS, M
	W	500 - 800P	JGB 3.204	

GEO 338J MARINE GEOLOGY

A survey of the field of marine geology by exploring the structure and evolution of the ocean basins, oceanic islands, and island arcs, the chemistry of the oceans, the sediments in the marine environments, the products and processes of the land-air-sea interface, and the history ofthe oceans over geologic time. Geological Sciences 338J and 371C (Topic: Marine Geology) may not both be counted. Restricted to students with a major in the Jackson School of Geosciences. Priority given to geological sciences majors. Prerequisite: Upper-division standing. meets with GEO 381J.

• 27005	WF	200 - 330P	JGB 3.222	GARDNER, J

GEO 341 MINERAL RESOURCES/SOCTY/ENVIR

Nature and origin of mineral resources; their discovery, extraction, and uses; and their relationship to global history, economics, and the environment. Registration priority given to majors in the Jackson School of Geosciences. Prerequisite: Geological Sciences 416K with a grade of at least C-.

• 27010	MW	100 - 230P	EPS 1.126	KYLE, J
	F	100 - 300P	EPS 1.126	

GEO 341G GEOMICROBIOLOGY

Geologic and hydrologic controls on subsurface microbial growth, metabolism, and community structure; the geochemical consequences of microbial processes in subsurface settings; and the influence of geology on microbial ecology. Geological Sciences 341G and 381G may not both be counted. May not be substituted for any required geological sciences course. Registration priority given to majors in the Jackson School of Geosciences. Prerequisite: For geological sciences majors, upper-division standing; for others, upper-division standing and consent of instructor. meets with GEO 381G.

• 27015	TTH	200 - 330P	JGB 3.120	BENNETT, P

GEO 145E PROFESSIONAL ETHICS IN GEOSCI

Offered on the letter-grade basis only. Supervised study devoted to the subject of professional ethics and personal integrity in the sciences, with specific subject matter designed to evolve with the science and our society. Geological Sciences 145E and 171C (Topic: Professional Ethics in Geosciences) may not both be counted. May not be substituted for any required geological sciences or environmental sciences course. Registration priority is given to majors in the Jackson School of Geosciences. Prerequisite: For non-Jackson School of Geosciences majors, consent of instructor.

• 27020	M	1100 - 100P	EPS 1.102	BELL, C

GEO 346C INTRO PHYSCL/CHEM HYDROGEOLOGY

Offered on the letter-grade basis only. Basic concepts of fluid flow, surface and subsurface hydrology, aqueous geochemistry, and fluid-rock interaction. Additional subjects include isotope hydrogeology, evolution of seawater, and mineral-solution equilibrium. Registration priority given to environmental science and geological sciences majors. Prerequisite: Chemistry 302 with a grade of at least C-.

• 27025	TTH	1100 - 1230P	JGB 3.120	BENNETT, P

GEO 347G CLIMATE SYSTEM MODELING

Studies the basic theory of climate system modeling using state-of-the-art regional climate models in a variety of applications. Subjects may include paleoclimate study and future climate prediction based on greenhouse gas increases. Students are expected to have a basic knowledge of UNIX and programming experience in FORTRAN. Only one of the following maybe counted: Geological Sciences 347G, 371C (Topic: Climate System Modeling), 387G, 391 (Topic: Climate System Modeling). May not be substituted for any required geological sciences course. Prerequisite: Upper-division standing. meets with GEO 387G.

• 27030	MWF	1000 - 1100	JGB 3.216B	VIZY, E

GEO 347K GEMS AND GEM MINERALS

Crystallography, occurrence, and identification of gem minerals and materials; artificial gems; simple cutting and polishing; history of gems and gemology. May not be counted toward a degree in environmental science or geological sciences. Prerequisite: One of the following with a grade of at least C-: Geological Sciences 303, 401, or 420H.

• 27035	MWF	1000 - 1100	JGB 3.120	HELPER, M
	M	1100 - 100P	JGB 3.102	
• 27040	MWF	1000 - 1100	JGB 3.120	HELPER, M
	W	100 - 300P	JGB 3.102	
• 27045	MWF	1000 - 1100	JGB 3.120	HELPER, M
	W	300 - 500P	JGB 3.102	

GEO 465K SEISMIC EXPLORATION

Seismic theory, including body and surface waves, attenuation, rays, reflection and transmission coefficients, principles of synthetic seismogram calculations, seismic imaging principles, reflection data processing methods, rock physics overview, seismic attributes overview, and seismic exploration field methods. Registration priority given to geophysics majors. Prerequisite: Mathematics 427L, Physics 315, and 115L with a grade of at least C-. meets with GEO 384C.

• 27050	MWF	100 - 200P	JGB 3.222	SPIKES, K
	M	900 - 1100	JGB 2.312	
• 27055	MWF	100 - 200P	JGB 3.222	SPIKES, K
	W	300 - 500P	JGB 2.312	

GEO 366M MATHEMATICAL METHS IN GEOPHYS

A survey of mathematics for geoscientists that includes infinite series, complex variables, linear algebra, integral transforms, ordinary and partial differential equations, tensor analysis, and probability and statistics. Geological Sciences 366M and 380J may not both be counted. Registration priority given to geophysics majors. Prerequisite: Mathematics 427L with a grade of at least C-. meets with GEO 380J.

• 27060	TTH	930 - 1100	JGB 3.120	LAVIER, L

GEO 369E EVOLUTION OF REEF ECOSYSTEMS

Introduction to the variety of reef ecosystems throughout the geologicalrecord as well as the environmental and evolutionary factors that controlled reef expansion and collapse. Study of evolving ocean chemistry, how organisms biomineralize a skeleton,

course	unique	days	time	room	instructor

symbiosis, ecology, mass extinctions, and both current and future threats to reef health. Geological Sciences 369E and 371T (Topic: Evolution of Reef Ecosystems) may not both be counted. Prerequisite: Upper-division standing; Geology 405 and 416M, or consent of instructor. meets with GEO 389E.

• 27065	W	300 - 600P	EPS 1.126	MARTINDALE, R

GEO 171C GEOSCIENCES INDIV STDS SEMINAR

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Supervised study of selected topics in geological sciences, by individual arrangement with the department and instructor. May not be substituted for any required geological sciences course. Restricted to majors in the Jackson School of Geosciences. Prerequisite: Consent of instructor.

• 27070

GEO 371C GEOSCIENCES INDIV STDS SEMINAR

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Supervised study of selected topics in geological sciences, by individual arrangement with the department and instructor. May not be substituted for any required geological sciences course. Restricted to majors in the Jackson School of Geosciences. Prerequisite: Consent of instructor.

• 27075

GEO 171H HONORS RESEARCH METHODS I

Preparation for independent research projects through exposure to current research programs, facilities, personnel, and projects in the Jackson School of Geosciences. Includes selecting research topics, mentors, and supervisors; preparing research proposals; conducting research activities; and presenting research results. Restricted to students in the Geological Sciences Honors Program. meets with GEO 173H.

• 27080	M	400 - 500P	JGB 3.120	CLOOS, M

GEO 271T EARTH SURFACE SEMINAR

Course number may be repeated for credit when the topics vary. May not be substituted for any required geological sciences courses. Registration priority is given to majors in the Jackson School of Geosciences. Upper-division standing and consent of instructor; additional prerequisites may vary with the topic. meets with GEO 291.

• 27085	MW	1200 - 100P	EPS 1.126	JOHNSON, J

GEO 371T MORPHDYNMC/QUANT STRATGRPHY

Course number may be repeated for credit when the topics vary. May not be substituted for any required geological sciences courses. Registration priority is given to majors in the Jackson School of Geosciences. Upper-division standing and consent of instructor; additional prerequisites may vary with the topic.

• 27090	M	100 - 300P	EPS 2.136	KIM, W
	T	200 - 300P	EPS 2.136	

PALEOCLIMATOLOGY

Course number may be repeated for credit when the topics vary. May not be substituted for any required geological sciences courses. Registration priority is given to majors in the Jackson School of Geosciences. Upper-division standing and consent of instructor; additional prerequisites may vary with the topic. meets with GEO 391.

• 27095	TTH	930 - 1100	EPS 4.104	SHANAHAN, T

GEO 173H HONORS RESEARCH METHODS III

Preparation for independent research projects through exposure to current research programs, facilities, personnel, and projects in the Jackson School of Geosciences. Includes selecting research topics, mentors, and supervisors; preparing research proposals; conducting research activities; and presenting research results. Restricted to students in the Geological Sciences Honors Program. Prerequisite: Geological Sciences 171H and 172H with a grade of at leastB- in each. meets with GEO 171H.

• 27100	M	400 - 500P	JGB 3.120	CLOOS, M

GEO 376C ISOTOPE GEOLOGY

Overview of the principles of stable and radiogenic isotope geochemistry. Subjects include mass spectrometry, geochronology and thermochronology, cosmogenic nuclides, radiogenic geochemistry, isotopic fractionation, traditional and non-traditional stable isotope geochemistry and its applications to the hydrologic cycle, low-temperature geochemistry, magmatic and metamorphic processes, thermometry, fluid-rock interactions, tectonics, crust-mantle evolution, and extraterrestrial materials. Only one of the following may be counted: Geological Sciences 371C (Topic: Isotope and Environmental Geology Research), 376C, 388L. Prerequisite: Chemistry 302, and Mathematics 408D or 408M with a grade of at least C- in each, and consent of instructor. meets with GEO 388L.

• 27105	MWF	1000 - 1100	EPS 1.126	BARNES, J

GEO 476K GROUNDWATER HYDROLOGY

Introduction to subsurface hydrology, emphasizing geological controls on groundwater flow; quantitative methods of analyzing aquifer systems; regional hydrology; water quality and pollution. Registration priority given to majors in the Jackson School of Geosciences. Prerequisite: Geological Sciences 346C, Mathematics 408D, or 408M with a grade of at least C-. meets with GEO 391C.

• 27110	MWF	1000 - 1100	JGB 3.222	CARDENAS, M
	W	800 - 1000	EPS 2.104	
• 27115	MWF	1000 - 1100	JGB 3.222	CARDENAS, M
	TH	800 - 1000	EPS 2.104	
• 27120	MWF	1000 - 1100	JGB 3.222	CARDENAS, M
	W	100 - 300P	EPS 2.104	
• 27125	MWF	1000 - 1100	JGB 3.222	CARDENAS, M
	T	500 - 700P	EPS 2.104	
• 27130	MWF	1000 - 1100	JGB 3.222	CARDENAS, M
	W	500 - 700P	EPS 2.104	
• 27135	MWF	1000 - 1100	JGB 3.222	CARDENAS, M
	TH	500 - 700P	EPS 2.104	

GEO 376S PHYSICAL HYDROLOGY

Modern conceptual and methodological approaches to hydrological science: qualitative assessment of hydrological processes, quantitative representation, approaches to measurement, and treatment of uncertainty. Major components of the hydrological cycle: precipitation, snow and snowmelt, infiltration, soil moisture, evapotranspiration, and runoff and their link to the coupled-earth system. Registration priority given to environmental science and hydrogeology majors. Prerequisite: Geological Sciences 346C, or Mathematics 408D or 408M with a grade of at least C-. meets with GEO 382S.

• 27140	TTH	200 - 330P	JGB 3.222	MATHENY, A

GEO 476W HYDROGEOPHYSICS

Additional hour(s) to be arranged. Application of geophysical methods in hydrogeology. Modules include method theory and hydrogeological applications; using instruments in the field; and analysis of data, interpretation, and hydrogeological insights. Class discussions; field exercises and written field exercise summaries; individual and group reports. Previous coursework and/or experience in hydrogeology and geophysics is recommended. Only one of the following may be counted: Geological Sciences 371C (Topic: Hydrogeophysics), 476W, 382W, 391 (Topic: Hydrogeophysics). May not be substituted for any required geological sciences course. Prerequisite: Consent of instructor. meets with GEO 382W.

• 27145	TTH	130 - 330P	EPS 2.104	PAINE, J

GEO 379H HONORS THESIS IN GEO SCI

Hour(s) to be arranged. Supervised research project resulting in an honors thesis with an oral defense. May be counted as three of the six geological sciences senior elective hours. Restricted to students in the Geological Sciences Honors Program. Prerequisite: Geological Sciences 171H, 172H, and 173H with a grade of at least B- in each.

• 27150

GEO 380F SEISMOLOGY II

Basic seismology theory and its application to the study of the interior of the Earth (crust, mantle, and core), earthquakes, and plate tectonics. Prerequisite: Graduate standing, and Mathematics 408C or the equivalent.

• 27155	MWF	1200 - 100P	JGB 3.222	GRAND, S

GEO 380J MATH MTHDS IN GEOPHYS

A survey of mathematics for geoscientists that includes infinite series,complex variables, linear algebra, integral transforms, ordinary and partial differential equations, tenor analysis, and probability and statistics. Geological Sciences 366M and 380J may not both be counted. Prerequisite: Graduate standing. meets with GEO 366M.

• 27160	TTH	930 - 1100	JGB 3.120	LAVIER, L

GEO 380R DYNAMICS OF SEDIMENTARY SYS I

Explores the fundamental concepts of transport systems at the Earth's surface, focusing on principles and quantitative aspects of fluid flow, sediment transport, and bedforms, as well as atmospheric and oceanic circulation, complex systems, and the integration of small-scale processes in developing quantitative stratigraphic models. Prerequisite: Graduate standing.

• 27165	TTH	930 - 1100	JGB 3.116	MOHRIG, D

GEO 381G GEOMICROBIOLOGY

Geologic and hydrologic controls on subsurface microbial growth, metabolism, and community structure; the geochemical consequences of microbial processes in subsurface settings; and the influence of geology on microbial ecology. May not be substituted for any required geological sciences course. Geological Sciences 341G and 381G may not both be counted. Prerequisite: Graduate standing in geological sciences, or graduate standing and consent of instructor. meets with GEO 341G.

• 27170	TTH	200 - 330P	JGB 3.120	BENNETT, P

GEO 381J MARINE GEOLOGY

Survey of the field of marine geology by exploring the structure and evolution of the ocean basins, oceanic islands, and island arcs, the chemistry of the oceans, the sediments in the marine environments, the products and processes of the land-air-sea interface, and the history ofthe oceans over geologic time. Geological Sciences 381J and Geological Sciences 391 (Topic: Marine Geology) may not both be counted. Prerequisite: Graduate standing. meets with GEO 338J.

• 27175	WF	200 - 330P	JGB 3.222	GARDNER, J

GEO 382S PHYSICAL HYDROLOGY

Laboratory hour(s) to be arranged. Comprehensive treatment of modern conceptual and methodological approaches to hydrological science. Combines qualitative understanding of hydrological processes with quantitative representation, approaches to measurement, and treatment of uncertainty. Major components of the hydrological cycle. Prerequisite: Graduate standing in geological sciences, or graduate standing and consent of instructor. meets with GEO 376S.

• 27180	TTH	200 - 330P	JGB 3.222	MATHENY, A

GEO 382W HYDROGEOPHYSICS

Additional hour(s) to be arranged. Application of geophysical methods in hydrogeology. Modules include method theory and hydrogeological applications; using instruments in the field; and analysis of data, interpretation, and hydrogeological insights. Class discussions; field exercises and written field exercise summaries; individual and group reports. Only one of the following may be counted: Geological Sciences 371C (Topic: Hydrogeophysics), 376W, 382W, 391 (Topic: Hydrogeophysics). Prerequisite: Graduate standing and consent of instructor; previous coursework and/or experience in hydrogeology and geophysics is recommended. meets with GEO 476W.

• 27185	TTH	130 - 330P	EPS 2.104	PAINE, J

GEO 383 CLASTIC DEPOSITIONAL SYSTEMS

Additional hour(s) to be arranged. River-, wave-, tide-, and gravity-driven processes are examined in modern depositional systems and considered in relation to sediment-

flux, base-level, and autogenic changes. Application to the development of dynamic facies models and alluvial-shoreline-shelf-deepwater transitions in stratigraphic data. Prerequisite: Graduate standing in geological sciences.
• 27190 MW 300 - 500P JGB 3.120 STEEL, R

GEO 383D NUM METH I: COMP METH GEOL SCI
A survey of geophysical data analysis methods, with a focus on time series, including sampling and aliasing, convolution and correlation, statistics, linear digital filters, properties and applications of the discrete Fourier transform, and least squares. Instruction in MATLAB andFortran and solution of data analysis problems using these two languages. Prerequisite: Graduate standing. meets with GEO 325K.
• 27195 MW 1200 - 100P JGB 3.120 WILSON, C
MW 1200 - 100P JGB 2.312

GEO 383M PETROG OF CARBONATE/EVAPORITE
Description and interpretation of carbonate and evaporite rock deposition and paragenesis. Essentials of petrology; petrography, including identification of grain types, cement types, recrystallization, and dolomitization; and porosity evolution. Global geochemical signals in carbonate sediments, and geochemical processes of early and late diagenesis. Prerequisite: Graduate standing.
• 27200 TTH 930 - 1100 JGB 6.142 KERANS, C
W 900 - 1100 JGB 6.142

GEO 383R RESERVOIR GEO AND ADV RECOVERY
May be repeated for credit. Analysis of geologic controls on composition and architecture of oil and gas reservoirs, with emphasis on reservoir heterogeneity resulting from depositional and diagenetic processes. Geological and petrophysical determinants of fluid flows and behavior. Prerequisite: Graduate standing; and credit or registration for Geological Sciences 380N, 383, and 383N, or consent of instructor.
• 27205 TTH 200 - 330P JGB 3.116 FISHER, W

GEO 383T TECT/CLIM INTACTN FORLND BASIN
Integration of recent advances in the understanding of modern and ancient foreland basin sedimentation, quantitative basin modeling, regional and global climate change, and the geometry and kinematics of fold-thrust belts. Prerequisite: Graduate standing and consent of instructor.
• 27210 TTH 1100 - 1230P EPS 1.126 HORTON, B

GEO 384C SEISMOLOGY I
Seismic, gravity, magnetic, electrical, and electromagnetic methods of exploration for petroleum and minerals. Prerequisite: Graduate standing. meets with GEO 465K.
• 27215 MWF 100 - 200P JGB 3.222 SPIKES, K
M 900 - 1100 JGB 2.312
• 27220 MWF 100 - 200P JGB 3.222 SPIKES, K
W 300 - 500P JGB 2.312

GEO 384F FINITE ELEM MTHD IN GEOPHYS
Additional hour(s) to be arranged. Numerical methods for solution of partial differential equations arisingin continuum geophysics and geodynamics. Focuses on finite element methods and their application to heat conduction, viscous flow, wave propagation, and transport problems in geophysics. Geological Sciences 384F and 391 (Topic: Computational Methods for Geophysics) may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 27225 MW 900 - 1100 GDC 2.210 GHATTAS, O

GEO 384H MULTIDIMNSNL DATA ANLYS IN GEO
Extracting multidimensional patterns from data, data reconstruction and registration, signal and noise separation. Elements of geostatistics, linear estimation, image analysis, and multidimensional sparsity-promoting transforms with applications to large-scale geoscientific data. Geological Sciences 384H and 391 (Topic: Multidimensional Data Analysis)may not both be counted. Prerequisite: Graduate standing.
• 27230 TTH 200 - 330P EPS 4.104 FOMEL, S

GEO 384N ROCK PHYSICS
Focuses on how rocks, pore fluids, and physical conditions of temperature, stress, diagenesis, and geological processes impact wave propagation, with an emphasis on how laboratory and theoretical results can be applied to field data. Presentation of case studies that outline strategies for seismic interpretation, site characterization, and recovery monitoring. Upscaling seismic and rock properties from the laboratory scale to borehole and reservoir scales. Multidisciplinary approaches to combination of geostatistical and stochastic methods, seismic-to-rock property transforms, and geologic information for reservoir characterization. Geological Sciences 384N and 391 (Topic: Rock Physics) may not both be counted. Prerequisite: Graduate standing.
• 27235 MWF 900 - 1000 JGB 1.126 SPIKES, K

GEO 386G GIS & GPS APPLICS IN EARTH SCI
Additional hour(s) to be arranged. Theory and practice of geographic information system (GIS) and Global Positioning System (GPS) technologies, and their applications to problems in earth sciences. Laboratories and field trips provide hands-on experience with the collection, mapping, and analysis of geologic and other field data using GPS equipment and GIS software. Topics include map projections; datums and reference frames; cartographic principles; remotely sensed data (satellite and aerial photos, image radar); vector- and raster-based image formats; geospatialdata resources; GIS software applications; surveying principles; GPS constellation and data structure; differential GPS; data logging schemes; GPS postprocessing software; integration of GPS and GIS in mapmaking; extant GIS applications in geology and hydrogeology. Geological Sciences 386G and 391 (Topic: Geographic Information System and Global Positioning System Applications in Earth Sciences) may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with GEO 327G.
• 27240 TTH 1100 - 1230P JGB 2.312 HELPER, M
T 200 - 400P JGB 2.312

GEO 386R GEOLOGY OF EARTH RESOURCES
Study of geologic, economic, societal, and environmental issues related to the production and consumption of energy, metal, industrial mineral, and water resources. Emphasizes the descriptive geology and origin of earth resources within the context of their overall geologic settings. Only one of the following may be counted: Energy and Earth Resources 396(Topic: Geology of Earth Resources), 396 (Topic 5), Geological Sciences 386R, 391 (Topic: Geology of Earth Resources). May not be counted toward a graduate degree in geological sciences or petroleum engineering. Prerequisite: Graduate standing. same as EER 396 (TOPIC 5).
• 27245 TTH 1100 - 1230P JGB 3.222 KYLE, J
W 1100 - 100P JGB 3.204
• 27250 TTH 1100 - 1230P JGB 3.222 KYLE, J
M 1200 - 200P JGB 3.204

GEO 387E ENVIRONMENTAL ORGANIC GEOCHEM
Additional hour(s) to be arranged. May be repeated for credit. Environmental and organic chemistry of organic contaminants in groundwater and soils. Prerequisite: Graduate standing and consent of instructor.
• 27255 TTH 200 - 330P EPS 2.136 BENNETT, P

GEO 387G CLIMATE SYSTEM MODELING
Studies the basic theory of climate system modeling using state-of-the-art regional climate models in a variety of applications. Subjects may include paleoclimate study and future climate prediction based on greenhouse gas increases. Only one of the following maybe counted: Geological Sciences 347G, 371C (Topic: Climate System Modeling), 387G, 391 (Topic: Climate System Modeling). May not be substituted for any required geological sciences course. Prerequisite: Graduate standing, basic knowledge of Unix, and programming experience in Fortran. meets with GEO 347G.
• 27260 MWF 1000 - 1100 JGB 3.216B VIZY, E

GEO 387P CLIMATE SYSTEM PHYSICS
Discussion of first-order principles and processes that govern the thermodynamical structure and energy distribution of the atmosphere, ocean, land, and cryosphere and their interaction with the dynamic aspect of the climate system. Only one of the following may be counted: Geological Sciences 347P, 371C (Topic: Climate System Physics), 387P, 391 (Topic: Climate System Physics). May not be substituted for any required geological sciences course. Prerequisite: Graduate standing.
• 27265 MWF 1100 - 1200 JGB 3.222 DICKINSON, R

GEO 388L ISOTOPE GEOLOGY
Overview of the principles of stable and radiogenic isotope geochemistry. Covers mass spectrometry, geochronology and thermochronology, cosmogenic nuclides, radiogenic geochemistry, isotopic fractionation, traditional and non-traditional stable isotope geochemistry and its applications to the hydrologic cycle, low-temperature geochemistry, magmatic and metamorphic processes, thermometry, fluid-rock interactions, tectonics, crust-mantle evolution,and extraterrestrial materials. Prerequisite: Graduate standing. meets with GEO 376C.
• 27270 MWF 1000 - 1100 EPS 1.126 BARNES, J

GEO 389E EVOLUTION OF REEF ECOSYSTEMS
Introduction to the variety of reef ecosystems throughout the geologicalrecord as well as the environmental and evolutionary factors that controlled reef expansion and collapse. Study of evolving ocean chemistry, how organisms biomineralize a skeleton, symbiosis, ecology, mass extinctions, and both current and future threats to reef health. Geological Sciences 389E and 391 (Topic: Evolution of Reef Ecosystems) may not both be counted. Prerequisite: Graduate standing. meets with GEO 369E.
• 27275 W 300 - 600P EPS 1.126 MARTINDALE, R

GEO 191 DYNAMIC FIELD STRATIGRAPHY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.
• 27280 W 100 - 200P JGB 4.104 HORTON, B

GRAD SEMINAR IN SCIENCE COMM
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.
• 27285 BANNER, J

GEO 291 EARTH SURFACE SEMINAR
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic. meets with GEO 271T.
• 27290 MW 1200 - 100P EPS 1.126 JOHNSON, J

PALEOCLIMATE SEMINAR
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.
• 27295 TTH 400 - 500P EPS 1.102 SHANAHAN, T

PREPARING FUTURE FACULTY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.
• 27300 TH 200 - 330P JGB 4.102 CATANIA, G

GEO 391 MOD FLOW/TRANS IN POROUS MEDIA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.
• 27305 TTH 200 - 330P EPS 1.126 HESSE, M

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MORPHDYNMC/QUANT STRATGRPHY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.
• 27310 TTH 1100 - 1230P EPS 2.136 KIM, W

PALEOCLIMATOLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic. meets with GEO 371T.
• 27315 TTH 930 - 1100 EPS 4.104 SHANAHAN, T

VADOSE ZONE HYDROLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.
• 27320 TTH 930 - 1100 EPS 1.126 REMPE, D

GEO 391C PHYSICAL HYDROGEOLOGY
Laboratory hour(s) to be arranged. Geological controls on groundwater resources; evaluation of aquifers, geothermal systems, and contamination problems; natural hazards caused by human use of groundwater. Prerequisite: Graduate standing and concurrent enrollment in Geological Sciences 191W. meets with GEO 476K.
• 27325 MWF 1000 - 1100 JGB 3.222 CARDENAS, M

GEO 193 TECHNICAL LECTURE SERIES
Offered on the credit/no credit basis only. May be repeated for credit. Attendance required of all graduate students in geological sciences. Prerequisite: Graduate standing.
• 27330 TTH 330 - 500P JGB 2.324 CATLOS, E

GEO 194 INDIVIDUAL RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in geological sciences. Prerequisite: Graduate standing in geological sciences.
• 27335

GEO 394 GEOSCIENCES INDIV RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Restricted to graduate students in geological sciences. Prerequisite: Graduate standing in geological sciences.
• 27340

GEO 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in geological sciences and consent of the graduate adviser; for 698B, Geological Sciences 698A.
• 27345

GEO 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in geological sciences and consent of the graduate adviser; for 698B, Geological Sciences 698A.
• 27350

GEO 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in geological sciences and consent of the graduate adviser.
• 27355

GEO 298T SUPERVISED TEACHING IN GEO SCI
Offered on the credit/no credit basis only. Open to graduate students engaged in laboratory instruction under close supervision of the course instructors. Prerequisite: Graduate standing and appointment as a teaching assistant.
• 27360 T 700 - 900P MOSHER, S

GEO 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27365

GEO 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27370

GEO 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27375

GEO 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geological Sciences 399R, 699R, or 999R.
• 27380

GEO 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geological Sciences 399R, 699R, or 999R.
• 27385

GEO 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geological Sciences 399R, 699R, or 999R.
• 27390

SCHOOL OF INFORMATION

Identify Management and Security - IMS
Information Studies - INF

IMS 380 INTRO ID MGMT/SEC/PRIVACY
Hour(s) to be arranged. An introductory overview of identity management and security, presentingworking definitions and models of Personal Identifiable Information (PII), identity theft, and fraud. As well as security challenges, best practices, and solutions for identity management, security, and privacyacross different market sectors. Restricted to students enrolled in the Master of Science in Identity Management and Security program. Prerequisite: Graduate standing.
• 27445 BARBER, K

IMS 385T PROFESSIONAL EXPRNCE/PROJCT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Study of the characteristics of identity information and the technologies, actors, and questions involved in managing, protecting, and securing identity information. Restricted to students in the Master of Science in Identity Management and Security program. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 27447

IMS 386 IDENTITY SECURITY
Hour(s) to be arranged. Identity enrollment and authentication for cyber and physical access andtransactions, cryptography, biometrics, device identity security, and security culture. Restricted to students in the Master of Science in Identity Management and Security program. Prerequisite: Graduate standing.
• 27450 BLAHA, C

IMS 387 ID INFO MGMT AND REPOSITORIES
Hour(s) to be arranged. Knowledge and data management, storage, and mining. Examines data breaches and information representation and algorithms. Attention to information management applications in all market sectors for enrollment, authentication, fraud detection, and fraud prevention. Restricted to students in the Master of Science in Identity Management and Security program. Prerequisite: Graduate standing.
• 27455 BARBER, K

IMS 389 INDIVIDUAL STUDIES
Hour(s) to be arranged. May be repeated for credit. In-depth study of a problem or topic related to Identity Management and Security, usually culminating in a scholarly written report suitable forpublication. Restricted to identity management and security majors. Prerequisite: Graduate standing and consent of instructor.
• 27457

IMS 289 INDIVIDUAL STUDIES
Hour(s) to be arranged. May be repeated for credit. In-depth study of a problem or topic related to Identity Management and Security, usually culminating in a scholarly written report suitable forpublication. Restricted to identity management and security majors. Prerequisite: Graduate standing and consent of instructor.
• 27458

IMS 189 INDIVIDUAL STUDIES
Hour(s) to be arranged. May be repeated for credit. In-depth study of a problem or topic related to Identity Management and Security, usually culminating in a scholarly written report suitable forpublication. Restricted to identity management and security majors. Prerequisite: Graduate standing and consent of instructor.
• 27459

IMS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Restricted to students in the Master of Science in Identity Management and Security program. Prerequisite: Graduate standing and consent of graduate adviser.
• 27460

INF 303D ACADEM SUCCESS IN DGTL UNIV-WB
Hour(s) to be arranged. Exposure to a wide variety of information and academic resources, tools,and skills. Focus is on the digital landscape of higher education. Subjects include features of the primary learning management system used; communication and organizational tools; library resources; basic online research resources; and ethical and safety concerns. Taught as a Web-based course.
• 27515 COOK, S

ACADEM SUCCESS IN DGTL UNIV-WB
Hour(s) to be arranged. Exposure to a wide variety of information and academic resources, tools,and skills. Focus is on the digital landscape of higher education. Subjects include features of the primary learning management system used; communication and organizational tools; library resources; basic online research resources; and ethical and safety concerns.
• 27519 MCGEE, M

INF 304D INTRO TO INFORMATION STUDIES
Hour(s) to be arranged. Overview of the information field as it relates to the technology-based world culture. Subjects may include the idea of information, informationin relation to technology and culture, human-computer interaction, information technology in education, information literacy and the "digital divide," information and communication technology, information and gender, public information policy, and information

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organization and preservation. Information Studies 304D and 304W may not both be counted. Restricted to computer science, fine arts, and radio-television-film majors.
• 27520 BROUSSARD, R
• 27525 BROUSSARD, R

INTRO TO INFORMATN STUDIES-WB
Hour(s) to be arranged. Overview of the information field as it relates to the technology-based world culture. Subjects may include the idea of information, informationin relation to technology and culture, human-computer interaction, information technology in education, information literacy and the "digital divide," information and communication technology, information and gender, public information policy, and information organization and preservation. Information Studies 304D and 304W may not both be counted. Taught as a Web-based course.
• 27530 BLAHA, C

INF 315C USER EXPERIENCE DESIGN
Course number may be repeated for credit when the topics vary. Fundamental concepts, techniques, and questions in human-computer interaction. Topics covered may include user research, interaction design, user interface design, and usability.
• 27535 TTH 200 - 330P UTC 3.102 BIAS, R

INF 315E PRGRMNG FOR CULTRL DATA ANLYS
Course number may be repeated for credit when the topics vary. Examines information as a cultural phenomenon. Topics may include e-commerce, privacy and secrecy, censorship, information as a commodity,Internet culture, access to cultural heritage, and control of the cultural record. Information Studies 315E and 315W may not both be counted unless the topics vary. Prerequisite: Prerequisites may vary with the topic.
• 27540 TH 300 - 600P UTA 1.210A MCLAUGHLIN, S

PRINCPLS IN DGTL HUMANITIES
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Examines information as a cultural phenomenon. Topics may include e-commerce, privacy and secrecy, censorship, information as a commodity,Internet culture, access to cultural heritage, and control of the cultural record. Information Studies 315E and 315W may not both be counted unless the topics vary. Prerequisite: Prerequisites may vary with the topic.
• 27545 TTH 330 - 500P PAR 104 WELSH, S

YOUNG ADULT LITERATURE-WB
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Examines information as a cultural phenomenon. Topics may include e-commerce, privacy and secrecy, censorship, information as a commodity,Internet culture, access to cultural heritage, and control of the cultural record. Information Studies 315E and 315W may not both be counted unless the topics vary. Prerequisite: Prerequisites may vary with the topic. Taught as a Web-based course.
• 27550 LOPEZ, Z

INF 321 INDIVIDUAL STUDIES
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. In-depth study of a problem or topic related to information studies. Prerequisite: Consent of Instructor
• 27552

INF 221 INDIVIDUAL STUDIES
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. In-depth study of a problem or topic related to information studies. Prerequisite: Consent of Instructor
• 27553

INF 121 INDIVIDUAL STUDIES
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. In-depth study of a problem or topic related to information studies. Prerequisite: Consent of Instructor
• 27554

INF 322T CHILDREN'S LITERATURE
Designed to accommodate 100 or more students. Evaluation, selection, and proper and creative use of books and other media with children. Information Studies 322T and 322W may not both be counted. Prerequisite: Upper-division standing.
• 27555 M 1200 - 300P UTC 4.124 JANSEN, B
• 27560 T 600 - 900P UTC 4.124 ROCCO, M
• 27565 W 600 - 900P UTC 4.124 MINNER, A

CHILDREN'S LITERATURE-WB
Hour(s) to be arranged. Evaluation, selection, and proper and creative use of books and other media with children. Information Studies 322T and 322W may not both be counted. Prerequisite: Upper-division standing. Taught as a Web-based course.
• 27570 OGLESBEE, K

INF 327E COMICS/GRAPHIC NOVELS/MANGA
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Study of how individuals and groups create meaning. Explores research topics concerning people and communication, including information literacy, organizations and innovation, knowledge management, and identifying information needs. Information Studies 327E and 327W may not both be counted unless the topics vary. Prerequisite: Upper-division standing; prerequisites may vary with the topic. Partially taught as a Web-based course.
• 27575 TH 730 - 900P UTA 1.208 BRITT, S

COMPETV INTEL RESOURCES/STRATS
Course number may be repeated for credit when the topics vary. Study of how individuals and groups create meaning. Explores research topics concerning people and communication, including information literacy, organizations and innovation, knowledge management, and identifying information needs. Information Studies 327E and 327W may not both be counted unless the topics vary. Prerequisite: Upper-division standing; prerequisites may vary with the topic. meets with INF 382P.
• 27580 M 600 - 900P UTA 1.208 KESSLER, A

INF 335C INFORMATION IN CYBERSPACE-WB
Hour(s) to be arranged. An overview of the history and social impact of Internet, Web, and othernetwork technologies. Students will learn methods and tools of media creation with an emphasis on technological self-sufficiency. Information Studies 335C and 335W may not both be counted. Prerequisite: Upper-division standing. Taught as a Web-based course.
• 27585
• 27590 BLAHA, C
• 27595 BROUSSARD, R
• 27600 SELVIDGE, J

INF 350C DESIGNING RICH USER EXPRNCS
Course number may be repeated for credit when the topics vary. Advanced concepts, techniques, and questions in human-computer interaction. Topics covered may include the design of rich interfaces, evaluation of interactive systems, and visual design. Prerequisite: Upper division standing; prerequisites may vary with the topic.
• 27605 M 300 - 600P UTA 1.502 NORDQUIST, E

INF 350E INTRODUCTION TO BLOCKCHAIN
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Design and use of information technologies, including interface design, trends in information technology development, usability, information retrieval, immersive media, and information architecture. Information Studies 350E and 350W may not both be counted unless the topics vary. Prerequisite: Upper-division standing; prerequisites may vary with the topic. meets with INF 385T.
• 27609 F 1200 - 300P UTA 1.204 HAYDEN, L

INF 350G HISTORCL MUSEUMS: CONTEXT/PRAC
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; prerequisites may vary with the topic. meets with INF 388E.
• 27610 M 1200 - 300P UTA 1.212 GALLOWAY, P

INFO SCI IN INTEL COMMUNITY
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; prerequisites may vary with the topic. meets with INF 385T (TOPIC 7), INF 385T.
• 27615 F 1200 - 300P UTA 1.204 HAYDEN, L

INTRO TO AUDIO PRES & REFORMAT
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; prerequisites may vary with the topic. meets with INF 392L.
• 27620 T 600 - 900P UTA 1.212 CUNNINGHAM, S

TRUST/TRNSPRNCY INFO SOCTY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; prerequisites may vary with the topic. meets with INF 385T.
• 27624 W 1200 - 300P UTA 1.504 FLEISCHMANN, K

INF 380C INFO IN SOCIAL AND CUL CONTEXT
Examines the role of information in human activities, particularly in relation to particular social and cultural contexts. Examines how individuals, groups, organizations, institutions, and society at large create, find, use, understand, share, transform, and curate information. Prerequisite: Graduate standing.
• 27625 M 1200 - 300P UTA 1.208 FLEISCHMANN, K
• 27630 W 1200 - 300P UTA 1.208 ACKER, A
• 27635 TH 300 - 600P UTA 1.208 FLEISCHMANN, K

INF 380E PERSPECTIVES ON INFORMATION
Multidisciplinary and historical examination of concepts of information. Contrasts key literature from information studies with perspectives from other fields. Prerequisite: Graduate standing.
• 27640 T 300 - 600P UTA 1.208 WICKETT, K

PERSPECTIVES ON INFORMATION
Hour(s) to be arranged. Multidisciplinary and historical examination of concepts of information. Contrasts key literature from information studies with perspectives from other fields. Prerequisite: Graduate standing.
• 27645 DOTY, P

INF 181 INDIVIDUAL STUDIES
Hour(s) to be arranged. In-depth study of a problem or topic related to information studies, usually culminating in an examination or a scholarly written report. With consent of the graduate adviser, may be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 27650

INF 281 INDIVIDUAL STUDIES
Hour(s) to be arranged. In-depth study of a problem or topic related to information studies, usually culminating in an examination or a scholarly written report. With consent of the graduate adviser, may be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 27655

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course	unique	days	time	room	instructor

INF 381 INDIVIDUAL STUDIES
Hour(s) to be arranged. In-depth study of a problem or topic related to information studies, usually culminating in an examination or a scholarly written report. With consent of the graduate adviser, may be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 27660

INF 181E ELECTRONIC PORTFOLIO
Hour(s) to be arranged. Offered on the credit/no credit basis only. Creation of a Web site that displays the student's professional aims, interests, and pursuits, including resume and work samples. Designed to be taken during the final semester of the Master of Science in Information Studies degree program. Prerequisite: Graduate standing and concurrent enrollment in one of the following: Information Studies 388L, 388R, 698B, 398R.
• 27665

INF 381W ADV PROBS IN INFO STUDIES-WB
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Study of a problem or topic related to information studies. Offered as an online course. With consent of graduate adviser, may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. Taught as a Web-based course.
• 27670

INF 382C UNDERSTANDING & SERVING USERS
Hour(s) to be arranged. Overview of human-computer interaction, understanding client groups, information filters, information literacy and information-seeking behavior, as well as user studies and usability testing. Prerequisite: Graduate standing.
• 27675 DILLON, A

INF 382D INTRO INFO RESOURCES/SERVICES
Designed to accommodate 35 or fewer students. Major reference resources and strategies useful in providing information services in libraries and other information agencies. Prerequisite: Graduate standing.
• 27680 T 300 - 600P UTA 1.210A ROY, L

INF 382E MATERIALS FOR CHILDREN
A survey of children's literature; materials in various formats suitable for use by and with children. Evaluation tools, application of selection and evaluation criteria, and planning for the use of materials. Prerequisite: Graduate standing.
• 27685 M 600 - 900P UTA 1.502 JANSEN, B

INF 382H LEGAL INFORMATION RESOURCES
Identification of relevant legal information resources, efficient retrieval of legal information, and the role of technology in legal information access. Information Studies 382H and 382L (Topic: Legal Information Resources) may not both be counted. Prerequisite: Graduate standing.
• 27690 TH 600 - 900P UTA 1.504 SWENSON, S

INF 382P COMPETV INTEL RESOURCES/STRATS
Resources and strategies for market and competitive analysis. Research and analysis of market trends and financial, technical, and cultural strengths and weaknesses of companies. Online, print, and primary research and analytical techniques. Ethics, process, and presentation are emphasized. Prerequisite: Graduate standing. meets with INF 327E.
• 27695 M 600 - 900P UTA 1.208 KESSLER, A

INF 384H CONCEPTS OF INFO RETRIEVAL
The science and engineering of building automated search engines: foundations and emerging methods, key models and approaches, front-end usability and back-end algorithms, theories of relevance, annotation practices, and system evaluation/benchmarking. Prerequisite: Graduate standing. meets with C S 395T.
• 27700 TH 1200 - 300P UTA 1.212 LEASE, M

INF 385C HUMAN-COMPUTER INTERACTION
The history and importance of human-computer interaction (HCI), theories of HCI design, modeling of computer users and interfaces, empirical techniques for analyzing systems and interfaces, interface design, and styles of interaction. Emphasis on reviewing research papers, current works, and future directions in HCI research. Prerequisite: Graduate standing.
• 27705 W 1200 - 300P UTA 1.212 GWIZDKA, J

INF 385E INFO ARCHITECTURE AND DESIGN
The theory and design of information architecture: models that provide structure and context for information to shape meaning, purpose, and utility toward understanding. Students present theoretical reviews; map and design; and develop novel information architectures using a variety of methods and software applications. Prerequisite: Graduate standing.
• 27710 M 1200 - 300P UTA 1.502 ZHANG, Y

INF 385M DATABASE MANAGEMENT
Principles and practices of database management and database design. Discussion and implementation of a database. Application life cycle, data dictionaries, relational database design, SQL queries, reports and other interfaces to database data, and documentation. Students work on individual and group projects. Prerequisite: Graduate standing.
• 27715 T 600 - 900P UTA 1.210A WALCZYK, C
• 27720 W 600 - 900P UTA 1.210B ALLEN, J

DATABASE MANAGEMENT-WB
Hour(s) to be arranged. Principles and practices of database management and database design. Discussion and implementation of a database. Application life cycle, data dictionaries, relational database design, SQL queries, reports and other interfaces to database data, and documentation. Students work on individual and group projects. Prerequisite: Graduate standing. Taught as a Web-based course.
• 27725 GUNN, S

INF 385N CONSUMER HEALTH INFORMATICS
Course number may be repeated for credit when the topics vary. Investigation of informatics movements around the world and in various disciplines and professions, such as biomedicine, nursing, public health, education, business, law, and public affairs. Prerequisite: Graduate standing.
• 27730 T 300 - 600P UTA 1.212 ZHANG, Y

INF 385P USABILITY
The basics of user-centered design through the lifecycle of a software product. Includes perceptual, psychological, and other scientific underpinnings of usability and the justification for the application of usability engineering in software development. Prerequisite: Graduate standing.
• 27735 M 900 - 1200 UTA 1.212 NORDQUIST, E

INF 385R SURVEY OF DIGITIZATION
Designed to accommodate 35 or fewer students. Introduction to the issues and trends in digital asset management and digitization initiatives, including planning and project management, asset delivery and management systems, interoperability and the importance of standards, copyright, metadata basics, digital preservation, and specific digitization processes for documents, images,video, and sound. Prerequisite: Graduate standing.
• 27740 M 600 - 900P UTA 1.210A KANTNER, S

INF 385T DIGITAL ASSET MANAGEMENT
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27743 TH 300 - 600P UTA 1.212 FOSTER, M

INTRODUCTION TO BLOCKCHAIN
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic. meets with INF 350G, INF 350E.
• 27744 F 1200 - 300P UTA 1.204 HAYDEN, L

MACHINE LEARNING
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27745 W 300 - 600P UTA 1.210A GURARI, D

CARE OF INDIG CULTRL KNOWLEDGE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27750 M 300 - 600P UTA 1.504 ROY, L

CONCPTS/PRACTICES 3-D PRINT
Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27755 TH 300 - 600P UTA 1.506A RILEY, W

DATA WRANGLING EXCEL SQL BEYND
Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27760 TTH 1030 - 1200 UTA 1.210A HOWISON, J

DSGN USR INTRFCS FOR CHLDRN
Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27765 W 900 - 1200 UTA 1.502 BAILEY, J

INTERACTION DESIGN
Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27770 TH 630 - 930P UTA 1.210A SEAY, A

INTRO MOBILE INFO/COMM TECH
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27775 T 900 - 1200 UTA 1.502 ACKER, A

METADATA GEN/INTERFC MAS DTSTS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic. Topic title: Metadata generations and interfaces for massive datasets.
• 27780 M 600 - 730P UTA 1.204 KARADKAR, U

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RAPID PROTYPNG/LEAN UX MTHDLGY
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27785 M 1200 - 300P UTA 1.204 NORDQUIST, E

TECHNOLOGY LEARNING STUDIO
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27788 W 1200 - 500P UTA 1.506A HOWISON, J

TRUST/TRNSPRNCY INFO SOCTY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Prerequisite: Graduate standing; prerequisites may vary with the topic. meets with INF 350G.
• 27789 W 1200 - 300P UTA 1.504 FLEISCHMANN, K

1-PRESENTING INFORMATION
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Visual, numerical, textual, and verbal presentation of information based on fundamental theories of human information perception and communication. Examples may include tables, graphs, dashboards, infographics, and reports. Information Studies 385T (Topic: Presenting Information) and 385T (Topic 1) may not both be counted. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27790 M 300 - 600P UTA 1.210A BAILEY, D

6-INFORMATION MODELING
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. An introduction to fundamental information modeling methods such as relational database design, conceptual modeling, markup systems, and ontologies. Information 385T (Topic: Information Modeling) and 385T (Topic 6) may not both be counted. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27795 WICKETT, K

7-INFO SCI IN INTEL COMMUNITY
Course number may be repeated for credit when the topics vary. Study of the properties and behavior of information. Technology for information processing and management. Introduction to the U.S. Intelligence Community (IC) and the world of espionage from a Library and Information Science perspective: how intelligence agencies collect, manage, and analyze data and information to produce actionable insights for policymakers. Information 385T (Topic: Intelligence Gathering) and 385T (Topic 7) may not both be counted. Prerequisite: Graduate standing; prerequisites may vary with the topic. meets with INF 350G.
• 27800 F 1200 - 300P UTA 1.204 HAYDEN, L

INF 388E HISTORCL MUSEUMS: CONTEXT/PRAC
The process of exhibit creation in historical museums, from planning through development to opening and maintenance, as a negotiation among stakeholders for influence on the story that is told. Students visit local historical museums and examine how presentations are influenced by the institutional position of the museum, including its history and resources; the concerns of museum employees; the influence of the audience and of those who are directly affected or represented by an exhibit; and the role of contractual professionals. Prerequisite: Graduate standing and consent of instructor. meets with INF 350G.
• 27805 M 1200 - 300P UTA 1.212 GALLOWAY, P

INF 388L PROFESSNL EXPERIENCE & PROJECT
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Study of a practical problem, current phenomenon, or professional issue in an institutional setting. Prerequisite: Graduate standing, concurrent enrollment in Information Studies 181E, and completion of at least thirty semester hours of coursework in the graduate program in information studies. Partially taught as a Web-based course.
• 27810 M 300 - 600P UTA 1.208 PAVELKA, K

INF 188T INTSHP IN LIBS/OTH INFO AGENS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised fieldwork. May not be counted toward any degree in the School of Information. Prerequisite: Graduate standing and consent of graduate adviser.
• 27815

INF 288T INTSHP IN LIBS/OTH INFO AGENS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised fieldwork. May not be counted toward any degree in the School of Information. Prerequisite: Graduate standing and consent of graduate adviser.
• 27820

INF 388T INTSHP IN LIBS/OTH INFO AGENS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised fieldwork. May not be counted toward any degree in the School of Information. Prerequisite: Graduate standing and consent of graduate adviser.
• 27825

INF 389E INTRO TO RECORDS MANAGEMENT
Systems for controlling recorded information in an organizational setting. Prerequisite: Graduate standing.
• 27830 T 900 - 1200 UTA 1.504 TRACE, C

INF 389G INTRO ELECTRON/DIGITAL RECORDS
Examines personal recordkeeping and information management to explore the creation, management, and preservation of digital information. Includes current developments in digital technology that affect recordkeeping. Prerequisite: Graduate standing.
• 27835 TH 1200 - 300P UTA 1.210A GALLOWAY, P

INF 389R INTRO ARCHIVAL ENTERPRISE I
Introduction to the records aspect of archival enterprise, from acquisition to use, with emphasis on arrangement and description. Prerequisite: Graduate standing.
• 27840 W 900 - 1200 UTA 1.212 TRACE, C

INF 390N INTERNET/INFORMATION POLICY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Critical examination of conflicts and trends in information policy in private organizations and in federal, state, and international public-sector organizations. Prerequisite: Graduate standing; prerequisites may vary with the topic. meets with P A 388K, MIS 383N, RTF 393N.
• 27845 M 900 - 1200 SRH 3.221 NEWELL, A

INF 391D 6-DIRECTED READINGS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Topics in the theoretical, methodological, and practical aspects of information studies. Prerequisite: Admission to the doctoral program in information studies; prerequisites may vary with the topic.
• 27850

7-DIRECTED RESEARCH
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Topics in the theoretical, methodological, and practical aspects of information studies. Prerequisite: Admission to the doctoral program in information studies; prerequisites may vary with the topic.
• 27855

12-DISCIP FNDATNS FOR INF STDS
Course number may be repeated for credit when the topics vary. Topics in the theoretical, methodological, and practical aspects of information studies. An overview of concepts, results, and perspectives from philosophical, social science, humanistic, design, and technological disciplines that provide important underpinnings for information studies. Prerequisite: Admission to the doctoral program in information studies; prerequisites may vary with the topic.
• 27860 M 300 - 600P UTA 5.428 CLEMENT, T

INF 391E AGE OF AI/RBTS/ALGRTHMS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, Information Studies 391D (Topic 10), and consent of instructor; additional prerequisites may vary with the topic.
• 27864 T 900 - 1200 UTA 5.428 BAILEY, D

INF 391F AI/ROBOTS & FUTURE OF WORK
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, Information Studies 391D (Topic 11), orconsent of instructor; additional prerequisites may vary with the topic.
• 27865 BAILEY, D

INF 392E MATLS IN LIBS, ARCHVS, MUSEUMS
Underlying factors in the physical nature of materials; concepts of permanence, durability, and deterioration; challenges of both traditional and modern collections; emphasis on print and photographic collections. Prerequisite: Graduate standing.
• 27870 TH 900 - 1200 UTA 1.506B PAVELKA, K

INF 392G MANAGEMENT OF PRESERVATN PROGS
Designed to accommodate 35 or fewer students. Management of specific preservation strategies for cultural record; preservation policy; the selection process for preservation; minor mending and repair operations; library binding and conservation treatment; preservation assessments; emergency preparedness; contracting for services; and budgeting, grant writing, and fund- raising for preservation. Prerequisite: Graduate standing.
• 27875 M 100 - 400P UTA 1.504 ELDER, R

INF 392L INTRO TO AUDIO PRES & REFORMAT
Study of audio recording through a chronological examination of the development of recording; basic care and preservation of recordings; economics of audio preservation; and stability concerns of modern media. Prerequisite: Graduate standing. meets with INF 350G.
• 27880 T 600 - 900P UTA 1.212 CUNNINGHAM, S

INF 393C 10-TREATMENT TECHS FLAT PAPER
Course number may be repeated for credit when the topics vary. Analysis, housing, and treatment of physical objects. Basic techniques for care and handling of paper materials including but not limited to mending, dry cleaning, humidification and flattening, exhibit design and installation, enclosures, and documentation. Prerequisite: Graduate standing; Information Studies 392E is strongly recommended; additional prerequisites may vary with the topic.
• 27885 T 900 - 1200 UTA 1.506B PAVELKA, K

11-TREATMENT TECHS BOUND MATLS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Analysis, housing, and treatment of physical objects.

Basic techniques for care and handling of bound materials including but not limited to sewing structure, minor mends, and enclosures. Prerequisite: Graduate standing; Information Studies 392E is strongly recommended; additional prerequisites may vary with the topic.
• 27887 M 900 - 1200 UTA 1.506A ELDER, R

INF 397 DIGTL TOOLKITS: HISTORICISM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Methods and subjects of research in information studies. Prerequisite: Graduate standing; prerequisites may vary with the topic. meets with E 393M.
• 27889 M 900 - 1200 BEN 1.118 BARCHAS, J

INF 397C UNDERSTANDING RESEARCH
Survey of the goals, methods, processes, and products of systematic inquiry. Designed to prepare students to critically evaluate information studies research. Prerequisite: Graduate standing.
• 27890 T 900 - 1200 UTA 1.208 KARADKAR, U
• 27895 TH 1200 - 300P UTA 1.208 GWIZDKA, J

INF 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in information studies, Information Studies 397C, and written consent of the graduate adviser; for 698B, Information Studies 698A and concurrent enrollment in Information Studies 181E.
• 27900

INF 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in information studies, Information Studies 397C, and written consent of the graduate adviser; for 698B, Information Studies 698A and concurrent enrollment in Information Studies 181E.
• 27905

INF 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in information studies, Information Studies 397C, concurrent enrollment in Information Studies 181E, and written consent of the graduate adviser.
• 27910

INF 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27915

INF 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27920

INF 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27925

INF 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Information Studies 399R, 699R, or 999R.
• 27930

INF 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Information Studies 399R, 699R, or 999R.
• 27935

INF 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Information Studies 399R, 699R, or 999R.
• 27940

SCHOOL OF LAW

Law - LAW

LAW 421 CONTRACTS
Methods by which rights and duties of promissory and quasi-promissory origin are created, transferred, limited, discharged, breached, and enforced.
• 27995 MWF 900 - 1030 TNH 2.137 KULL, A

LAW 521 CONTRACTS
Additional hour(s) to be arranged. Methods by which rights and duties of promissory and quasi-promissory origin are created, transferred, limited, discharged, breached, and enforced.
• 28000 MTWTH 900 - 1000 TNH 2.123 SOKOLOW, D
• 28005 MTW 900 - 1030 TNH 2.124 BRACHA, O
• 28010 TWTH 900 - 1030 JON 5.206 HAYNES, K

LAW 321Q CONTRACTS FOR FOREIGN LAWYERS
An introduction to the common law of contracts for foreign lawyers, withan emphasis on the methods by which rights and duties of promissory and quasi-promissory origin are created, transferred, limited, discharged, breached, and enforced. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Contracts for Foreign Lawyers) and Law 221Q, 321Q, 421Q may not both be counted. Restricted to students enrolled in the Master of Laws program.
• 28015 MTW 800 - 900 TNH 2.123 SOKOLOW, D

LAW 423 CRIMINAL LAW I
Promulgation, interpretation, and administration of substantive laws of crime; constitutional limitations and relevant philosophical, sociological, and behavioral science materials.
• 28020 MTWTH 900 - 1000 TNH 2.140 GOODE, S

LAW 523 CRIMINAL LAW I
Additional hour(s) to be arranged. Promulgation, interpretation, and administration of substantive laws of crime; constitutional limitations and relevant philosophical, sociological, and behavioral science materials.
• 28025 TWTH 215 - 330P TNH 2.123 JINKS, D
• 28030 MWTH 215 - 330P TNH 3.127 KLEIN, S

CRIMINAL LAW I
Hour(s) to be arranged. Promulgation, interpretation, and administration of substantive laws of crime; constitutional limitations and relevant philosophical, sociological, and behavioral science materials.
• 28033

LAW 427 TORTS
Limits of liability and methods of establishing liability for intentional and unintentional injuries to persons or property.
• 28035 MTWTH 215 - 315P TNH 2.140 MCGARITY, T

LAW 527 TORTS
Additional hour(s) to be arranged. Limits of liability and methods of establishing liability for intentional and unintentional injuries to persons or property.
• 28040 TWTH 1030 - 1145 TNH 3.124 POWERS, W
• 28045 M 330 - 445P TNH 2.140 WAGNER, W
TW 1030 - 1145 TNH 3.127
• 28050 T 1030 - 1145 TNH 3.125 WILLIAMS, S
WTH 1030 - 1145 TNH 2.123

LAW 330M REAL ESTATE FINANCE
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. An advanced problems course dealing with acquisition, financing, development, and disposition of real estate. Prerequisite: Law 231K, 331K, or 431K is recommended but not required.
• 28053 TTH 215 - 330P TNH 3.126 RIDER, B

LAW 431 PROPERTY
Additional hour(s) to be arranged. A survey of interests in land and limited topics involving chattels: estates, cotenancy, landlord and tenant issues, conveyancing, private and public control of land use.
• 28055 MTW 215 - 330P TNH 2.137 STURLEY, M

LAW 531 PROPERTY
Additional hour(s) to be arranged. A survey of interests in land and limited topics involving chattels: estates, cotenancy, landlord and tenant issues, conveyancing, private and public control of land use.
• 28060 TWTH 1030 - 1145 TNH 2.139 DZIENKOWSKI, J
• 28065 TWTH 215 - 330P TNH 2.124 DZIENKOWSKI, J
• 28070 TWTH 1030 - 1145 TNH 2.140 MORSE, S

LAW 331D REAL ESTATE DEVELOPMENT
Additional hour(s) to be arranged. Intermediate-level overview of the real estate development process and relevant areas of law: land acquisition, leasing, construction finance, and permanent finance.
• 28075 TTH 345 - 500P TNH 2.140

LAW 331K REAL ESTATE TRANSACTIONS
Additional hour(s) to be arranged. Intermediate conveyancing course dealing with the transfer, finance, anddevelopment of real estate.
• 28080 TTH 345 - 500P TNH 2.137

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course	unique	days	time	room	instructor

LAW 132C ADV RESEARCH: CORP/SECURITIES

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with topic.

• 28085	W	900 - 1100	JON 3.222	NOEL, J

ADV RESEARCH: GENERAL

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with topic.

• 28090	TH	1030 - 1230P	JON 3.222	STEINKE, M

1-ADV RSCH: FOREIGN & INTL LAW

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Introduction to the sources and methods of research in foreign and international law, tailored to the needs of American lawyers. Prerequisite: Varies with topic.

• 28095	T	345 - 545P	JON 3.222	PRATTER, J

2-ADVANCED RESEARCH: TEXAS LAW

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Introduction to the judicial, statutory, and administrative sources of Texas law. Topics include research in state administrative law and legislative histories. Both print and electronic resources are covered. Prerequisite: Varies with topic.

• 28100	F	1030 - 1230P	JON 3.222	O'CONNELL, J

LAW 132D ADV LGL WR: WORKSHOP

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Advanced coverage of practical legal-writing skills.

• 28105	F	100 - 800P	TNH 2.140	SCHIESS, W
	S	930 - 430P	TNH 2.140	

LAW 232D ADV LGL WR: LITIGATION

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Advanced coverage of practical legal-writing skills.

• 28115	F	1030 - 1230P	TNH 3.115	JASPER, J

ADV LGL WR: LITIGATION

Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Advanced coverage of practical legal-writing skills.

• 28120	M	600 - 745P	TNH 3.115	RICHTER, Z

ADV LGL WR: PROSECUTION

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Advanced coverage of practical legal-writing skills.

• 28125	W	545 - 745P	TNH 3.127	TAYLOR, H

ADV LGL WR: TQ

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Advanced coverage of practical legal-writing skills.

• 28130	W	345 - 545P	TNH 2.124	BRIDGES, K

ADV LGL WR: TRNSACTNL DRAFTING

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Advanced coverage of practical legal-writing skills.

• 28135	TH	415 - 615P	TNH 3.126	BORDEN, D
• 28140	W	345 - 545P	TNH 3.126	NIRKEN, H

ADV LGL WR: WR FOR BUS CLIENTS

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Advanced coverage of practical legal-writing skills.

• 28150	TH	1030 - 1230P	TNH 3.129	KIMBOL, P
• 28155	T	345 - 545P	TNH 3.114	KIMBOL, P

LAW 232Q LEGAL RSCH & WRTG FRGN LWR

Offered on the pass/fail basis only. Introduces foreign lawyers to the case-law method, the basic tools for conducting legal research, and the basic conventions and expectations for creating professional legal work product. Research and writing assignments will build on each other, culminating in a full-length, formal analytical memorandum that could potentially serve as a professional writing sample. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Legal Research and Writing for Foreign Lawyers) and Law 232Q, 332Q, 432Q may not both be counted. Restricted to students without a Doctor of Jurisprudence degree in the Master of Laws program.

• 28165	W	345 - 600P	TNH 2.138	TOEPKE, C

LAW 332R LEGAL ANALYSIS AND COMM

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Introduction to problem-solving through law-practice simulation. Focuseson legal research, writing mechanics, predictive written analysis, and oral presentation of research results.

• 28170	TTH	100 - 215P	TNH 3.124	
• 28175	MT	1030 - 1145	TNH 3.126	PETRIE, S
• 28180	TTH	900 - 1030	TNH 3.124	

LEGAL ANALYSIS AND COMM

Additional hour(s) to be arranged. Introduction to problem-solving through law-practice simulation. Focuseson legal research, writing mechanics, predictive written analysis, and oral presentation of research results.

• 28185	MT	100 - 215P	TNH 2.123	SCHIESS, W

LEGAL ANALYSIS AND COMM

Introduction to problem-solving through law-practice simulation. Focuseson legal research, writing mechanics, predictive written analysis, and oral presentation of research results.

• 28190	T	900 - 1030	TNH 3.125	MASON, L
	TH	900 - 1030	TNH 2.124	

LEGAL ANALYSIS AND COMM

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Introduction to problem-solving through law-practice simulation. Focuseson legal research, writing mechanics, predictive written analysis, and oral presentation of research results.

• 28195	MT	100 - 215P	TNH 2.124	PETRIE, S

LEGAL ANALYSIS AND COMM

Additional hour(s) to be arranged. Introduction to problem-solving through law-practice simulation. Focuseson legal research, writing mechanics, predictive written analysis, and oral presentation of research results.

• 28200	TH	100 - 215P	TNH 3.126	BRIDGES, K
	F	1145 - 100P	TNH 3.126	
• 28205	MF	1145 - 100P	TNH 2.139	ROBBI, N
• 28210	THF	1030 - 1145	TNH 3.127	YOUNGDALE, E
• 28215	MF	1145 - 100P	TNH 3.124	SCHAEFFER, A
• 28220	MT	1030 - 1145	TNH 2.123	SCHIESS, W
• 28225	T	100 - 215P	TNH 3.125	MASON, L
	TH	100 - 215P	TNH 2.124	
• 28230	THF	1030 - 1145	TNH 3.126	BRIDGES, K
• 28235	MF	1030 - 1145	TNH 2.139	ROBBI, N
• 28240	TH	100 - 215P	TNH 3.127	YOUNGDALE, E
	F	1145 - 100P	TNH 3.127	
• 28245	MF	1030 - 1145	TNH 3.124	SCHAEFFER, A

LAW 433 CIVIL PROCEDURE

Additional hour(s) to be arranged. Introduction to the civil adjudicative process, primarily that of the federal courts, including jurisdiction, pleading, dispositive motions, discovery, and trial procedure.

• 28250	MTW	1030 - 1145	TNH 2.137	MULLENIX, L
• 28255	MWF	1145 - 100P	TNH 2.137	DICKERSON, M

LAW 434 CONSTITUTIONAL LAW I

Additional hour(s) to be arranged. Distribution of powers between federal and state governments; constitutional limitations on and judicial review of governmental action.

• 28260	TWTH	100 - 215P	TNH 2.137	PERRY, H

CONSTITUTIONAL LAW I

Distribution of powers between federal and state governments; constitutional limitations on and judicial review of governmental action.

• 28265	MTW	900 - 1030	TNH 2.139	SAGER, L

LAW 335E ELCT DSCVRY & DGTL EVIDENCE

Additional hour(s) to be arranged. Designed to help students identify, discover, interpret, authenticate, and challenge electronically stored information. Subjects include information technology and computer forensics, federal rules, and e-discovery cases. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Electronic Discovery) and Law 235E, 335E, 435E may not both be counted.

• 28270	M	345 - 630P	JON 6.207	BALL, C

LAW 335F ELECTION LAW AND POLICY

An introduction to traditional election law. Subjects include the constitutional, legal, and policy considerations that govern redistricting and campaign finance; laws and policies that govern the administration of elections; and an overview of issues currently confronting the field of election law and administration. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Election Law and Policy) and Law 235F, 335F, 435F may not both be counted.

• 28275	MW	900 - 1030	JON 6.207	MARZIANI, M

LAW 335J INTL COMMERCIAL ARBITRATION

Designed to help students acquire the techniques and skills for advising clients, drafting adequate arbitration agreements, and advising on enforcement of international arbitration awards. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: International Commercial Arbitration) and Law 235J, 335J, 435J may not both be counted.

• 28285	M	345 - 700P	JON 6.207	LOFTIS, J

LAW 135P RDG GRP: WOMEN IN LAW

Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Law 135G, 235G, 335G, 435G and 135P, 235P, 335P, 435P may not both be counted unless the topics vary.

• 28290	W	1030 - 1130	TNH 2.124	CHANOW, L

LAW 235P RDG GRP: LAWS HISTORY

Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Law 135G, 235G, 335G, 435G and 135P, 235P, 335P, 435P may not both be counted unless the topics vary.

• 28295	T	345 - 545P	TNH 3.128	RABBAN, D

LAW 341L U.S. ENVIRONMENTAL LAW

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with topic.

• 28305	TTH	900 - 1030	JON 6.207	ADELMAN, D

3-ENVIR LAW & NATRL RESOURCES

Course number may be repeated for credit when the topics vary. An introduction to environmental thinking in the context of scarce publicly and privately owned natural

March 3, 2018

course	unique	days	time	room	instructor

resources. Covers public trust doctrine, relevance of the Tenth Amendment to environmental protection, the National Endowment Policy Act, the Endangered Species Act, and the Fish and Wildlife Coordination Act. Prerequisite: Varies with topic.

• 28310	TWTH	900 - 1000	JON 5.206	TAYLOR, M

LAW 442M BANKRUPTCY

Additional hour(s) to be arranged. Introduction to Title II of the United States Code and related state and federal laws: both liquidation and reorganization bankruptcy, including exemptions, discharge of debt, avoidance of powers of trustees, and rights of various classes of creditors; jurisdiction and procedure. Prerequisite: Credit or registration for Law 180D, 280D, 380D, or 480D.

• 28315	MTW	215 - 330P	TNH 3.114	LITTWIN, A

LAW 243C UNITED STATES LAW, INTRO

An introduction to the concepts of law fundamental to, and the legal institutions operating within, the United States legal system. Includes an overview of the United States Constitution and of the functions and procedures of civil and criminal courts. Required for Master of Laws students with a foreign law degree, although those with a law degree from a common law country may request a waiver. Restricted to international students enrolled in the Master of Laws program; exchange students may petition to enroll in the class.

• 28320	MT	900 - 1000	TNH 3.126	WOOD, L

LAW 346K NEGOTIATION

An exploration, largely through simulated exercises, of the lawyer's role in the negotiation of transactions.

• 28330	MT	900 - 1030	CCJ 3.306	JURY, J
• 28335	T	345 - 645P	TNH 3.125	SCHLESS, M
• 28340	M	345 - 645P	TNH 3.125	SCHLESS, M

LAW 248C CIVIL RIGHTS LITIGATION

A basic introduction to the theory and practice of suing under state andfederal statutory and constitutional law for redress of harm to one's civil rights by the government or its agents. The course balances the traditional approach of exposing students to litigation strategies with that of relating the rule of law to society.

• 28345	TH	345 - 545P	TNH 2.124	EDWARDS, J

LAW 348E INTERNATIONAL HUMAN RIGHTS LAW

An overview of international human rights law, including its history and development. Covers domestic, regional and international legal systems, and the extent to which they incorporate and implement human rights; and contemporary political and theoretical debates over the scope and interpretation of human rights law.

• 28350	MW	1145 - 115P	TNH 2.124	FIELDER, L

LAW 450G INTELLECTUAL PROPERTY, INTRO

Additional hour(s) to be arranged. General overview of intellectual property law. Analysis of competing policies underlying intellectual property laws. Fundamentals of trade secrets, patent, copyright, and trademark law.

• 28355	MWTH	215 - 330P	TNH 2.138	BONE, R

LAW 350L PATENT LAW

The substantive law of patents in the United States. Designed for individuals interested in practicing in the field of intellectual property law.

• 28365	MW	1145 - 115P	JON 6.257	WASSERMAN, M

LAW 350N TRADEMARKS

Nature of marks, distinctiveness, acquisition of rights in marks, registration, loss of rights, infringement, defenses, remedies, trade dress, federal unfair competition, dilution, licensing, protection of marks outside the United States.

• 28370	MW	1145 - 115P	TNH 2.138	BONE, R

LAW 351K CRIM PROCEDURE: INVESTIGATION

Rules governing police conduct and the effect of these rules on admission of evidence; search and seizure, lineups, confessions, and similar matters.

• 28385	MTW	800 - 900	TNH 2.123	DIX, G

LAW 353L ECON EFFICIENCY ANALYSIS

Designed to accommodate 35 or fewer students. Addresses the economically efficient ways to forecast and analyze the economic efficiency of a choice in economies that contain imperfections and inconsistencies. meets with P A 388K.

• 28390	MTW	215 - 315P	JON 6.202	MARKOVITS, R

LAW 354D CORPORATE GOVERNANCE

The issues faced by CEOs and those who report directly to them as they balance their time between achieving quarterly performance targets and building strong companies that can sustain above-market financial performance in the future. meets with MAN 385 (TOPIC 62), MKT 382 (TOPIC 31).

• 28395	TH	330 - 630P	RRH 4.314	CUNNINGHAM, W

LAW 454J FEDERAL INCOME TAXATION

Additional hour(s) to be arranged. An overview of the federal income tax, mostly as it applies to individuals.

• 28400	MTW	1030 - 1145	TNH 2.138	PERONI, R

LAW 355L HIGHER EDUCATION AND THE LAW

Academic freedom and tenure; related constitutional issues; employment discrimination and collective bargaining in the university context.

• 28405	MTW	115 - 215P	TNH 3.127	RABBAN, D

LAW 258N TEX LEGIS: PROCESS & PROCEDURE

The ways the Texas Legislature works, both officially and otherwise. Consideration of a wide range of procedural and substantive topics, withemphasis on the regulation of citizen conduct through statute, rather than on the purely political aspects of the institution.

• 28410	W	345 - 545P	TNH 3.127	BROWN, J

LAW 460K ANTITRUST

Additional hour(s) to be arranged. Federal and state law dealing with concerted action in unreasonable restraint of trade; monopolization; price discrimination, exclusive dealing arrangements, and other unfair competition; permissive resale price maintenance; mergers and joint ventures; limitations on the patent legal monopoly.

• 28415	MTW	1030 - 1145	JON 5.206	GRAGLIA, L

LAW 361 ADMINISTRATIVE LAW

Forms of law governing jurisdiction and procedure of state and federal agencies; right and scope of judicial review; relation of administrativeagencies to legislature and chief executive.

• 28420	MT	900 - 1030	TNH 3.127	GOLDEN, J

LAW 361E ADMINISTRATIVE LAW, TEXAS

Additional hour(s) to be arranged. The law of and about administrative agencies; comparison between federal and Texas administrative law.

• 28425	MW	430 - 545P	TNH 2.123	BENNETT, C

LAW 363U ENERGY LAW

An introduction to the legal and regulatory regimes governing the energy industry, as well as the important economic and political concerns that underlie the regulation of the production and sale of energy. Law 263U, 363U, 463U and Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Energy Law) may not both be counted. meets with LEB 380 (TOPIC 38), EER 396 (TOPIC 3), P A 388K.

• 28430	MT	215 - 330P	TNH 3.142	SPENCE, D

LAW 264S CONSTRUCTION LAW

Designed to accommodate 35 or fewer students. Issues in general United States law that affect commercial and industrial construction, with emphasis on significant Texas cases. Overview of the construction process, examining roles of various parties, followed by consideration of the legal problems frequently encountered.

• 28433	M	345 - 545P	TNH 3.126	SULLIVAN, M

LAW 264T CONSTRUCTION LITIGATION

Analysis of theories of liability and defense in the area of construction litigation, with emphasis on Texas law.

• 28435	M	345 - 545P		SULLIVAN, M

LAW 468N EMPLOYMENT DISCRIMINATION LAW

Issues related to the elimination of discrimination and the promotion ofequality in employment.

• 28440	TWTH	1015 - 1145	JON 6.207	FISHKIN, J

LAW 270F CRIMINAL DEFENSE, ADVANCED

Offered on the credit/no credit basis only. The basics of criminal defense, from a practical perspective. Law 270F, 370F and 270J, 370J may not both be counted.

• 28445	F	1030 - 1230P	TNH 2.123	DEGUERIN, D

LAW 370M CRIM PROCEDURE: PROSECUTION

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. The litigation of a criminal case, from the defendant's initial appearance in court through pretrial matters and the trial itself.

• 28450	MW	215 - 330P	TNH 3.125	LAURIN, J

LAW 370T MASS TORT LITIGATION

Problems in complex mass tort litigation that emerged during the 1980s and have become a permanent part of the litigation landscape.

• 28455	MW	1145 - 115P	TNH 3.126	MULLENIX, L

LAW 371R PERSPECTIVES ON PUBLIC POLICY

Policy formation in the areas of economics, national security, science, technology, and trade. meets with MAN 385 (TOPIC 61), P A 383C.

• 28460	F	900 - 1200	SRH 3.122	INMAN, B

LAW 371V SHAPING DEFENSE POLICY

Course number may be repeated for credit when the topics vary. Law 171F, 271F, 371F, 471F and 171V, 271V, 371V, 471V may not both be counted unless the topics vary. meets with P A 383C.

• 28462	W	200 - 500P	SRH 3.219	DORN, E

YOUTH JUSTICE/POLICY DEV

Course number may be repeated for credit when the topics vary. Law 171F, 271F, 371F, 471F and 171V, 271V, 371V, 471V may not both be counted unless the topics vary. meets with P A 383C.

• 28463	W	200 - 500P	SRH 3.314	DEITCH, M

LAW 272P FINANCIAL MTHDS FOR LAWYERS

Designed to accommodate 100 or more students. Offered on the pass/fail basis only. Covers time value of money, expected value decision making, and investment in enterprises. Law 172P, 272P, 372P, 472P and Law 179P, 279P, 379P, 479P (Topic: Financial Methods for Lawyers) may not both be counted.

• 28464	TTH	800 - 900	TNH 2.140	MORSE, S
	F	900 - 1030	TNH 2.140	

LAW 373C IMMIGRATION

Constitutional and administrative law as well as operation of the various government entities related to the admission, maintenance of status and deportation of non-citizens. Law 273C, 373C and 282C, 382C may not both be counted.

• 28465	WTHF	930 - 1030	TNH 3.127	CHURGIN, M

April 3, 2018

LAW 474K BUSINESS ASSOCIATIONS

Basic course in the organization, management, financing, and dissolutionof business associations and their creditors. Although some attention isgiven to agency principles governing the representation of business associations and to partnership law, emphasis is on the business corporation with particular attention to the problems of the closed corporation. Only one of the following may be counted: Law 274G, 374G, 474G, 274K, 374K, 474K, 574K, 479M (Topic: Corporations).

• 28470 MTWTH 900 - 1000 TNH 2.138 DAMMANN, J

BUSINESS ASSOCIATIONS

Additional hour(s) to be arranged. Basic course in the organization, management, financing, and dissolutionof business associations and their creditors. Although some attention isgiven to agency principles governing the representation of business associations and to partnership law, emphasis is on the business corporation with particular attention to the problems of the closed corporation. Only one of the following may be counted: Law 274G, 374G, 474G, 274K, 374K, 474K, 574K, 479M (Topic: Corporations).

• 28475 MWTH 1030 - 1145 TNH 3.142 GANOR, M
• 28480 M 215 - 330P TNH 3.126 GANOR, M
WTH 215 - 330P TNH 3.142

LAW 574K BUSINESS ASSOCIATIONS

Basic course in the organization, management, financing, and dissolutionof business associations and their creditors. Although some attention isgiven to agency principles governing the representation of business associations and to partnership law, emphasis is on the business corporation with particular attention to the problems of the closed corporation. Only one of the following may be counted: Law 274G, 374G, 474G, 274K, 374K, 474K, 574K, 479M (Topic: Corporations).

• 28485 MTWTH 745 - 900 TNH 3.129 HU, H

LAW 274R INTERNATIONAL TAX

Overview of ways the United States taxes (1) nonresident aliens and foreign corporations on income from United States sources and (2) UnitedStates persons and corporations on income received from international sources. Prerequisite: Law 254J, 354J, 454J, 554J, 254N, or 354N.

• 28490 T 345 - 545P TNH 3.126 PERONI, R

LAW 375P INTENSIVE TRIAL SKILLS

Offered on the credit/no credit basis only. Designed for the advocacy student interested in improving trial skills. Consists of intensive skills exercises and trial technique training. Students try up to four cases in one semester in a fast-paced environment. Law 175P, 275P, 375P, 475P and 176H, 276H, 376H, 476H may not both be counted.

• 28500 W 1200 - 300P TNH 3.140 MCCORMACK, T

LAW 176H INTENSIVE TRIAL SKILLS

Designed for the advocacy student interested in improving trial skills. Consists of intensive skills exercises and trial technique training. Students try up to four cases in one semester in a fast-paced environment. Law 175P, 275P, 375P, 475P and 176H, 276H, 376H, 476H may not both be counted.

• 28505 TH 115 - 215P TNH 3.140 MCCORMACK, T

LAW 376M ADVOCACY SURVEY

The basics of persuasive techniques in all litigation settings, including pretrial motions, alternative dispute resolution, arbitration, voir dire, and trial. Course culminates in a mock trial.

• 28510 M 1145 - 115P TNH 3.140 GONZALEZ, D
W 1145 - 115P TNH 3.142

LAW 176N ADVOCACY SURVEY: SKILLS

Offered on the pass/fail basis only. A skills course covering the basics of persuasive techniques in all litigation settings, including pretrial motions, alternative dispute resolution, arbitration, voir dire, and trial. Course culminates in a mock trial. Only one of the following may be counted: Law 476G, 176N, 276N, 376N, 476N, 576N, 676N. Prerequisite: Concurrent enrollment in Law 276M, 376M, or 476M.

• 28515 M 600 - 900P CASAS, A
• 28520 M 600 - 900P CCJ 3.306 GONZALEZ, D
• 28525 M 600 - 900P CCJ 3.310 SHEPPERD, E
• 28530 M 600 - 900P CCJ 3.334 KELLY, C
• 28535 W 600 - 900P MCCORMACK, T
• 28540 W 600 - 900P CCJ 3.306 THOMAS, S
• 28545 W 600 - 900P CCJ 3.310 WILLIAMS, A
• 28550 W 600 - 900P CCJ 3.334 MUNSON, S
• 28555 W 600 - 900P CCJ 3.336 BLEDSOE, M

LAW 376U APPELLATE ADVOCACY

Designed to accommodate 35 or fewer students. Study of the advocate's strategies and role in the appellate process.

• 28560 TH 415 - 715P TNH 3.127 ROACH, R

LAW 377 ADMIRALTY LAW

A survey of the law applicable to the business of using the oceans and other navigable waters to transport people, goods, and materials, and the related business of exploring for oil and gas beneath those waters.

• 28565 MWTH 115 - 215P TNH 3.125 ROBERTSON, D

LAW 378R CAPITAL PUNISHMENT

Additional hour(s) to be arranged. General jurisprudential and moral issues related to capital punishment; developments in capital punishment law over the past two decades.

• 28575 TTH 215 - 330P TNH 3.125 SCHONEMANN, R

LAW 279M PRCTCL LAWYERING/COUNSELING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28590 TH 415 - 615P JON 6.207 THOMAS, C

CONSTITUTIONAL LITIGATION

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28605 W 345 - 545P TNH 2.124 ROWES, J

CYBERSCRTY: INTRO TECH/LAW/POL

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with P A 280L.

• 28610 M 345 - 545P TNH 3.124 TAIT, M

JURISDICTION & JUDGMENTS

Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28615 MTWTH 1030 - 1130 TNH 3.115 WOOLLEY, P

REENTRY: CRIMINAL JUSTICE

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with P A 280L.

• 28620 M 345 - 545P TNH 3.114 GAEBLER, H

SPORTS LAW

Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28625 TH 215 - 415P TNH 3.114 LULLA, J

SUPREME COURT

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28630 T 115 - 300P TNH 3.129 WEINBERG, L
• 28635 M 115 - 300P TNH 3.129 WEINBERG, L

WIND LAW

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28645 TW 115 - 215P TNH 3.126 SMITH, E

LAW 379M MITIGATION MATTERS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28650 W 530 - 830P JON 5.206

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Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28655 MW 1145 - 115P TNH 2.123 HART, W

BUSINESS LAW WORKSHOP

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28660 M 345 - 545P JON 6.207 SPINDLER, J

CYBERSECURITY TECH/LAW/PLCY

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with P A 380L.

• 28670 M 545 - 830P TNH 3.124 TAIT, M

CYBER FDTNS: INTRO TO LAW/POL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with P A 380L.

• 28675 WTH 900 - 1030 TNH 3.126 CHESNEY, R

EQUITY AND ACCESS IN HIGHER ED

Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.

• 28680 T 100 - 400P GARCES, L

April 3, 2018

course	unique	days	time	room	instructor

HEALTH LAW AND POLICY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with P A 380L.
• 28685 TTH 900 - 1030 TNH 2.137

INTERNATL PETROLEUM TRANSACTNS
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.
• 28690 THF 900 - 1030 TNH 3.142 ANDERSON, O

INTRO DOMESTC/INTL ARBITRATN
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.
• 28700 MW 1145 - 115P TNH 3.125 VAN GINKEL, E

LAW AND ECONOMICS
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.
• 28705 TW 900 - 1030 JON 6.206 WICKELGREN, A

ENERGY DEVELOPMENT/POLICY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with E E 394V, C E 397, BGS 380.
• 28710 T 345 - 615P TNH 2.123 ADELMAN, D

CORPORATE COMPLIANCE/ETHICS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.
• 28715 MW 900 - 1030 TNH 3.124 RENBARGER, G

LAW/ECON CAPTL MRKTS/FINCL INT
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with BGS 380.
• 28725 TTH 200 - 330P RRH 5.408 SPINDLER, J

TAXATION REAL ESTATE INVEST
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with ACC 380K (TOPIC 27), ACC 378 (TOPIC 5), R E 360 (TOPIC 1).
• 28730 MW 1230 - 200P GSB 2.122 SINGER, S

NEW VENTURE CREATION
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with MAN 385 (TOPIC 22), E M 397.
• 28735 TTH 930 - 1100 RRH 3.304 ADAMS, R

PLANNING LAW
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with CRP 380F (TOPIC 2).
• 28745 TTH 930 - 1100 SUT 2.114 RAWLINS, R
• 28750 TTH 1230 - 200P SUT 2.114 RAWLINS, R

TAX PLAN FOR BUSN ENTITIES
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with ACC 384 (TOPIC 4).
• 28760 TTH 1100 - 1230P CBA 4.332 SINGER, S

TEXAS VENTURE LABS PRACTICUM
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with PGS 380M, MAN 385, M E 397, E M 397, E E 390V, ASE 396.
• 28765 M 600 - 900P ATT M1030 ADAMS, R

WALL STREET REGULATION
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic. Topic title: Alternative investments: Lack of regulation and bailouts.
• 28770 M 345 - 615P TNH 2.124 YOUNG, D

LAW 479M HEALTH LAW AND POLICY
Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Varies with topic.
• 28780 M 900 - 1200 SAGE, W

LAW 179P ADV PROBLEM SOLVING TECHNQS
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Will vary with topic.
• 28790 MW 600 - 900P TNH 3.140 MCCORMACK, T

ADV SKILLS: EXPERT WITNESS
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Will vary with topic.
• 28795 TH 1030 - 1230P TNH 3.114 MCCORMACK, J

JUDICIAL INTERNSHIP
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Will vary with topic.
• 28800 T 345 - 515P

LAW OF MUSIC FESTIVALS
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Will vary with topic.
• 28805 TH 415 - 615P TNH 3.125 LIBERMAN, H

LEGAL ENGLISH
Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Will vary with topic. Restricted to exchange students in the Master of Laws Program.
• 28810 W 400 - 500P TNH 3.126 EPISCOPO, S

LAW 279P FINANCIAL METHODS FOR LAWYERS
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Law 179M, 279M, 379M, 479M, 579M, 679M and 179P, 279P, 379P, 479P, 579P,679P may not both be counted unless the topics vary. Prerequisite: Will vary with topic.
• 28815 TTH 800 - 900 MORSE, S
F 900 - 1030

LAW 380D SECURED CREDIT
Credit transactions in which the creditor by contract obtains a lien on personal property--Article 9 of the Uniform Commercial Code. It is recommended that students take Law 280C, 380C, or 480C before this course.
• 28845 MTW 115 - 215P TNH 2.138 WESTBROOK, J

LAW 180R SECURED CREDIT WORKSHOP
Further study and application of the basic concepts of secured credit covered in Law 180D, 280D, 380D, 480D. Prerequisite: Concurrent enrollment in Law 180D, 280D, 380D, or 480D.
• 28850 MTW 115 - 215P TNH 2.138 WESTBROOK, J

LAW 381C CONST LAW II: CIVIL RIGHTS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Emphasis on First Amendment rights, due process, equal protection, or other topics as announced. Prerequisite: Varies with the topic.
• 28855 WTH 215 - 330P JON 5.206 ABRAMSON, J

CONST LAW II: EQUALITY/LIBERTY
Course number may be repeated for credit when the topics vary. Emphasis on First Amendment rights, due process, equal protection, or other topics as announced. Prerequisite: Varies with the topic.
• 28860 MW 1145 - 115P TNH 3.127 FRANKLIN, C

CONST LAW II: JURIS AND CONST
Course number may be repeated for credit when the topics vary. Emphasis on First Amendment rights, due process, equal protection, or other topics as announced. Prerequisite: Varies with the topic.
• 28865 MTW 115 - 215P JON 6.202 MARKOVITS, R

LAW 481C CONST LAW II: FIRST AMENDMENT
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Emphasis on First Amendment rights, due process, equal protection, or other topics as announced. Prerequisite: Varies with the topic.
• 28870 MTWTH 115 - 215P TNH 2.139 POWE, L

LAW 381R ALTERNATIVE DISPUTE RESOLUTION
Additional hour(s) to be arranged. Advanced specialty course. Negotiation, meditation, arbitration, minitrial, and other means of resolving disputes short of full litigation.
• 28880 WTH 215 - 330P JON 6.207 SCHESKE, J

LAW 381S MEDIATION
Skills and techniques needed for effective negotiation and mediation.
• 28885 W 345 - 645P TNH 3.125 WRIGHT, W

April 3, 2018

course	unique	days	time	room	instructor

LAW 382D INTERNATIONAL TRADE
Legal principles and processes that affect both private and governmental decisions about international economic relations.

• 28890	M	115 - 215P	TNH 3.124	HANSEN, P
	WTH	115 - 215P	TNH 2.123	

LAW 483 EVIDENCE
Principles and rules governing admissibility and relevance of evidence in trial courts; qualification, privileges, and examination of witnesses; burden of proof and presumptions.

• 28895	THF	1030 - 1230P	TNH 2.137	STRONG, G

LAW 385 PROFESSIONAL RESPONSIBILITY
The lawyer's responsibility in making and administering the law; the codes of ethics and problems of professional conduct.

• 28900	MTWTH	215 - 330P	TNH 2.139	BAKER, L

PROFESSIONAL RESPONSIBILITY
Designed to accommodate 35 or fewer students. The lawyer's responsibility in making and administering the law; the codes of ethics and problems of professional conduct.

• 28905	MTW	115 - 215P	TNH 3.142	MCCOWN, F

PROFESSIONAL RESPONSIBILITY
The lawyer's responsibility in making and administering the law; the codes of ethics and problems of professional conduct.

• 28910	MTW	900 - 1000	TNH 3.142	MCCOWN, F

LAW 386 FEDERAL COURTS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Advanced study of public law, focusing on federal judicial power to make law, to intervene in state judicial proceedings, and to govern state or nation by decree.

• 28915	MTW	1030 - 1130	TNH 3.129	WEINBERG, L

LAW 486 FEDERAL COURTS
Designed to accommodate 35 or fewer students. Advanced study of public law, focusing on federal judicial power to make law, to intervene in state judicial proceedings, and to govern state or nation by decree.

• 28920	MTWTH	900 - 1000	TNH 3.129	WOOLLEY, P

LAW 489N WILLS AND ESTATES
Additional hour(s) to be arranged. Execution, revocation, and interpretation of wills; future interests, particularly those involved in testamentary trusts; perpetuities; powersof appointment.

• 28925	MWTH	1030 - 1145	TNH 3.125	JOHANSON, S

WILLS AND ESTATES
Execution, revocation, and interpretation of wills; future interests, particularly those involved in testamentary trusts; perpetuities; powersof appointment.

• 28930	MWTH	900 - 1030	TNH 3.125	JOHANSON, S

LAW 390 OIL AND GAS
Creation and transfer of interests in oil and gas; mutual obligations ofparties to a mineral lease; correlative obligations of neighboring mineral owners; regulation of production.

• 28935	MTTH	1030 - 1130	TNH 2.124	SMITH, E

LAW 397C CLIN PROG: CHILDREN'S RTS-CENT
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28940	TH	215 - 445P	TNH 3.129	MCCOWN, F

CLIN PROG: CRIM DEFENSE-CENT
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28945	TH	415 - 615P	TNH 3.140	ROBERTS, W

LAW 497C CLIN PROG: CAPITAL PUNISHMENT
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28955	M	215 - 415P	JON 6.257	SCHONEMANN, R

LAW 697C CLIN PROG: ACTUAL INNOCENCE
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28960	T	115 - 315P	TNH 3.128	PRESS, C

CLIN PROG: CIVIL RIGHTS
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28965	TTH	215 - 330P	CCJ 3.306	NATARAJAN, R

CLIN PGM: CRIM DEFENSE-CENT
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28967	TH	415 - 615P	TNH 3.140	ROBERTS, W

CLIN PROG: DOMESTIC VIOLENCE
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28970	T	345 - 615P	TNH 3.115	LUNGWITZ, J

CLIN PROG: ENTREPR/COMMNTY DEV
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28975	M	215 - 415P	CCJ 3.306	WAY, H
	TH	900 - 1000	CCJ 3.306	

CLIN PROG: ENVIRONMENTAL
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28980	TH	215 - 415P	TNH 3.128	HARAGAN, K

CLIN PROG: HUMAN RIGHTS
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28985	MW	215 - 330P	TNH 3.128	DULITZKY, A

CLIN PROG: IMMIGRATION
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28990	TTH	345 - 515P	CCJ 3.306	GILMAN, D

CLIN PROG: LEGISLATV LAWYERING
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28995	TTH	215 - 330P	JON 5.208	BRADY, H

CLIN PROG: SUPREME COURT
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 28998	T	345 - 545P	JON 5.208	STURLEY, M
	TH	1030 - 1230P	JON 5.208	

CLIN PROG: TRANSNATL WRKR RTS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.

• 29000	TH	415 - 615P	TNH 3.128	BEARDALL, W

LAW 397D CLIN PROG: PRAC SKL-CHILD RTS
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of the law. Topics to be announced. Prerequisite: Varies with topic.

• 29005	MCCOWN, F
• 29010	MCCOWN, F

CLIN PROG: PRAC SKL-SUPRM CRT
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Practical experience in different areas of the law. Topics to be announced. Prerequisite: Varies with topic.

• 29025	BUSBY, E
• 29030	ESKOW, L

LAW 197F DIRECTED RESEARCH AND STUDY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individual research conducted under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. Restricted to second- and third-year students. Prerequisite: Approval of research project by the supervising faculty member and by the associate dean for academic affairs.
• 29035

LAW 297F DIRECTED RESEARCH AND STUDY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individual research conducted under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. Restricted to second- and third-year students. Prerequisite: Approval of research project by the supervising faculty member and by the associate dean for academic affairs.
• 29040

LAW 397F DIRECTED RESEARCH AND STUDY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individual research conducted under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. Restricted to second- and third-year students. Prerequisite: Approval of research project by the supervising faculty member and by the associate dean for academic affairs.
• 29045

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course	unique	days	time	room	instructor

LAW 197L DIRECTED RESEARCH AND STUDY
Hour(s) to be arranged. May be repeated for credit. Individual research conducted under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. Restricted to second- and third-year students. Prerequisite: Approval of research project by the supervising faculty member and by the associate dean for academic affairs.
• 29050

LAW 297L DIRECTED RESEARCH AND STUDY
Hour(s) to be arranged. May be repeated for credit. Individual research conducted under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. Restricted to second- and third-year students. Prerequisite: Approval of research project by the supervising faculty member and by the associate dean for academic affairs.
• 29055

LAW 397L DIRECTED RESEARCH AND STUDY
Hour(s) to be arranged. May be repeated for credit. Individual research conducted under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. Restricted to second- and third-year students. Prerequisite: Approval of research project by the supervising faculty member and by the associate dean for academic affairs.
• 29060

LAW 197P INTRNSHP: JUDICIAL
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29065 CROUTER, M

LAW 297P INTRNSHP: INTERNATIONAL
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29070

INTRNSHP: SMSTR IN PRACTICE
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29075

INTRNSHP: US ATTORNEY
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29080 KLEIN, S

LAW 497P INTRNSHP: GOVERNMENT
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29085 T 215 - 345P JON 6.203 WOOD, L

INTRNSHP: JUDICIAL
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29090 T 345 - 515P CROUTER, M

INTRNSHP: NONPROFIT
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29095 M 215 - 330P JON 5.208 MARSH, A

LAW 597P INTRNSHP: PROSECUTION
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29100 W 545 - 745P KEPPLE, R

LAW 897P INTRNSHP: INTERNATIONAL
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29105

INTRNSHP: SMSTR IN PRACTICE
Hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.
• 29110

LAW 397S POLITICS/LAW/MORAL CHARACTER
Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29115 W 330 - 630P BAT 5.102 BUDZISZEWSKI, J

SMNR: ANTIDISCRIMINATION LAW
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth. Topic title: The Constitution and the modern presidency.
• 29120 M 215 - 415P JON 6.206 FRANKLIN, C

SMNR: ARBITRATION
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29125 TH 415 - 615P JON 6.206

SMNR: CHANGING AMER SCHOOLS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29130 M 345 - 545P TNH 3.115 CANTU, N

SMNR: CHILD PROTECTION ISSUES
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29135 W 545 - 745P TNH 3.114 BENESCH, A

SMNR: CITIZENSHIP
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29140 W 345 - 545P TNH 3.115 CHURGIN, M

SMNR: COMPARATIVE JUDICIAL POL
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth. meets with GOV 384N.
• 29145 T 330 - 630P BAT 1.104 BRINKS, D

SMNR: CREDIT CARDS IN TRANSITN
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29150 T 345 - 545P JON 6.257 LITTWIN, A

SMNR: ENERGY LAW AND POLICY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29165 T 700 - 900P TNH 3.114 HAYS, J

SMNR: ENVIR IMPACT OF DEV/PROD
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth. Topic title: Environmental impact of energy development and production.
• 29170 TH 415 - 615P JON 6.202 NIX, D

SMNR: FAMILY LAW
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29175 T 345 - 545P JON 6.206

SMNR: FED CRIM PROSECUTN, ADV
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29180 T 345 - 545P TNH 3.127 KLEIN, S

SMNR: HIGHER EDUCATN & THE LAW
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29185 T 345 - 545P JON 5.208

SMNR: HOMELAND SECURITY LAW
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29190 T 345 - 545P JON 6.206 SIEVERT, R

SMNR: HUMAN RIGHTS/INEQUALITY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth. meets with P A 388K.
• 29195 M 400 - 600P TNH 3.127 BRINKS, D

SMNR: INTEL PROP/TECH POLICY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth. Topic Title: Intellectual property and technology policy.
• 29200 M 345 - 545P TNH 3.129 GOLDEN, J

SMNR: LABOR LAW
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29210 TH 215 - 415P JON 5.208 GETMAN, J

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SMNR: LAW & ECONOMICS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29215 W 345 - 545P TNH 3.129 WICKELGREN, A

SMNR: LAW OF US/MEX BORDER
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29225 TH 215 - 415P JON 6.206 HANSEN, P

SMNR: LAW/PHILOSOPHY WORKSHOP
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29230 W 345 - 545P JON 6.206 DEIGH, J

SMNR: LBR/INEQUALITY/HMN RGTS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29235 M 400 - 600P JON 6.206 ENGLE, K

SMNR: MEGA-SETTLEMENTS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29245 W 345 - 545P TNH 3.114 BAKER, L

SMNR: MUSIC LAW
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29255 W 345 - 545P JON 6.207 FAIR, E

SMNR: PATENT LAW, ADVANCED
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth.
• 29260 TH 930 - 1130 JON 5.208 WILLE, D

LAW 197W CLINIC, ADVANCED
Hour(s) to be arranged. Offered on the pass/fail basis only. Advanced clinical course, to be completed under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. For advanced clinical students who have previously completed a clinic. Prerequisite: Law 197C, 297C, 397C, 497C, or 597C, and the approval of a faculty member regularly engaged in clinical legal education and of the assistant dean for student affairs.
• 29280

LAW 297W CLINIC, ADVANCED
Hour(s) to be arranged. Offered on the pass/fail basis only. Advanced clinical course, to be completed under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. For advanced clinical students who have previously completed a clinic. Prerequisite: Law 197C, 297C, 397C, 497C, or 597C, and the approval of a faculty member regularly engaged in clinical legal education and of the assistant dean for student affairs.
• 29285

LAW 397W CLINIC, ADVANCED
Hour(s) to be arranged. Offered on the pass/fail basis only. Advanced clinical course, to be completed under standards promulgated by the dean. The completed work must be approved by the supervising faculty member. For advanced clinical students who have previously completed a clinic. Prerequisite: Law 197C, 297C, 397C, 497C, or 597C, and the approval of a faculty member regularly engaged in clinical legal education and of the assistant dean for student affairs.
• 29290

LAW 398J JUDICIAL INTERNSHIP PROGRAM
Hour(s) to be arranged. Offered on the pass/fail basis only. Internship under the supervision of an individual judge or justice. Law 197J, 297J, 397J, 497J and 198J, 298J, 398J, 498J may not both be counted.
• 29295

LAW 498J JUDICIAL INTERNSHIP PROGRAM
Hour(s) to be arranged. Offered on the pass/fail basis only. Internship under the supervision of an individual judge or justice. Law 197J, 297J, 397J, 497J and 198J, 298J, 398J, 498J may not both be counted.
• 29300

COLLEGE OF LIBERAL ARTS

COGNITIVE SCIENCE

Cognitive Science - CGS

CGS 380 1-INTRO TO COGNITIVE SCIENCE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Cognitive Science 380 (Topic 1), Linguistics 392 (Topic 1), 393 (Topic: Introduction to Cognitive Science), 393 (Topic: Topics in Cognitive Science), Philosophy 383 (Topic: Introduction to Cognitive Science), 383C, Psychology 394U (Topic 3). Prerequisite: Graduate standing and consent of instructor. same as LIN 392 (TOPIC 1), PHL 383C, PSY 394U (TOPIC 3).
• 29355 TTH 330 - 500P CLA 1.108 BEAVER, D

THOMAS JEFFERSON CENTER FOR THE STUDY OF CORE TEXTS AND IDEAS

Core Texts and Ideas - CTI

CTI 301G INTRO TO ANCIENT GREECE
Greatness of Greece as reflected in Greek history, literature, philosophy, art, religion, and politics. No knowledge of Greek is required. Only one of the following may be counted: Classical Civilization 301, Core Texts and Ideas 310 (Topic: Introduction to Ancient Greece), 301G. same as C C 301.
• 29410 TTH 930 - 1100 GAR 0.120 PATTERSON, J
• 29415 MWF 1000 - 1100 FAC 21 RABINOWITZ, A
• 29420 MWF 1200 - 100P WAG 308 PATTERSON, J

CTI 302 CLASSICS OF SOCL/POLIT THOUGHT
Explores the origins of social scientific thought in the history of political philosophy and traces the development of one or more of the social sciences in modern times. Focuses on fundamental ideas about human nature, civil society, and politics, explored through reading suchauthors as Aristotle, Aquinas, Locke, Rousseau, Marx, Weber, Durkheim, and Freud. Only one of the following may be counted: Core Texts and Ideas 302, Government 314 (Topic: Classics of Social and Political Thought), 314 (Topic 10). same as GOV 314 (TOPIC 10).
• 29425 MWF 1100 - 1200 MEZ 2.124 DEMPSEY, E
• 29430 MWF 100 - 200P GAR 0.120 WENSVEEN, J
• 29435 TTH 330 - 500P MEZ 1.102 BENNETT, Z

CTI 304 1-THE BIBLE & ITS INTERPRETERS
Course number may be repeated for credit when the topics vary. A study of basic religious texts, including both the Hebrew Bible and New Testament, examined from various perspectives (including comparative, historical, philosophical, and literary), with emphasis on the fundamental questions and ideas raised in those texts. Seeks to develop a wide-ranging familiarity with the Jewish and Christian Bibles and with the dominant modes of ancient, medieval, and early modern biblical interpretation. Readings include an extensive range of primary sources, including both the Scriptures themselves and some of their most influential exegetes. Only one of the following may be counted: Core Texts and Ideas 304 (Topic 1), Religious Studies 315 (Topic: The Bible and Its Interpreters), Religious Studies 315 (Topic 1). same as R S 315 (TOPIC 1).
• 29440 MWF 1000 - 1100 WAG 208 LANDAU, B
• 29445 MWF 1100 - 1200 CLA 0.106 YOO, P
• 29450 TTH 1100 - 1230P GDC 2.410 KAPLAN, J
• 29455 MWF 100 - 200P GAR 0.128
• 29460 TTH 200 - 330P JES A303A SCHOFER, J

CTI 310 ANCIENT PHILOSOPHY
Course number may be repeated for credit when the topics vary. Introduction to fundamental texts and questions that have helped shape the world. Core Texts and Ideas 310 and Western Civilization 303 may not both be counted unless the topics vary. Primarily for lower-division students. meets with C C 304C (TOPIC 6), PHL 301K.
• 29465 MWF 900 - 1000 WAG 302

EARLY MODERN PHILOSOPHY
Course number may be repeated for credit when the topics vary. Introduction to fundamental texts and questions that have helped shape the world. Core Texts and Ideas 310 and Western Civilization 303 may not both be counted unless the topics vary. meets with PHL 301L.
• 29470 MW 1130 - 100P GAR 0.128 DUNLOP, K

INTRO TO THE NEW TESTAMENT
Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. Introduction to fundamental texts and questions that have helped shape the world. Core Texts and Ideas 310 and Western Civilization 303 may not both be counted unless the topics vary. Topic description: Examines representative examples of the texts found in the Christian New Testament and selected noncanonical writings. Focuses on historical setting and systematic methods of interpretation. meets with C C 304C, R S 315N.
• 29475 TTH 1230 - 200P ART 1.102 LANDAU, B

CTI 321 THEOR FOUNDTNS MODERN POLITICS
Examines competing foundations of the ongoing development of political and social modernity. Examines a selection of major authors from Machiavelli to Nietzsche. Only

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course | unique | days | time | room | instructor

one of the following may be counted: Core Texts and Ideas 321, 335 (Topic: The Theoretical Foundations of Modern Politics), Government 335M (Topic: The Theoretical Foundations of Modern Politics), 351D Western Civilization 320 (Topic: The Theoretical Foundations of Modern Politics). Prerequisite: Completion of at least thirty semester hours of coursework. same as GOV 351D.

• 29480	TTH	1230 - 200P	UTC 3.134	STAUFFER, D

CTI 323 MIGHT AND RIGHT AMONG NATIONS

Major alternative approaches to the question of the moral character of international relations, as elaborated by some of the greatest political thinkers. Only one of the following may be counted: Core Texts and Ideas 323, 335 (Topic: Might and Right among Nations), Government 335M (Topic: Might and Right among Nations), 351J, Western Civilization 320 (Topic: Might and Right among Nations). Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. same as GOV 351J.

• 29485	MWF	200 - 300P	WAG 214	DEMPSEY, E

CTI 326 1-CONSTITUTIONAL INTERPRETATN

Course number may be repeated for credit when the topics vary. A close study of major texts and documents that shed light on fundamental issues in American democracy such as rights, equality, individual liberty, and the proper ends and limits of government. Designed to improve reasoning and communication skills through constitutional interpretation. Determining what the Constitution means, how to determine what it means, and who should determine what it means. Only one of the following may be counted: Core Texts and Ideas 326 (Topic: Constitutional Interpretation), 326 (Topic 1), Government 357M (Topic: Constitutional Interpretation), 357M (Topic 5). Prerequisite: Varies with the topic. Prerequisite: Six semester hours of lower-division coursework in government. same as GOV 357M (TOPIC 5).

• 29489	TTH	330 - 500P	UTC 1.102	PERRY, H

CTI 335 MARX AND WESTERN MARXISM

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with PHL 334K, HIS 362G, EUS 346.

• 29490	M	300 - 600P	GAR 0.132	MATYSIK, T

REGIME PERSP AMER POLTC-HONORS

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Additional prerequisites: Upper-division standing and a grade point average of at least 3.50. Restricted to Plan I majors in the College of Liberal Arts. meets with LAH 350, GOV 379S (TOPIC 3).

• 29495	M	330 - 630P		TULIS, J

5-WOMEN HIST POLIT THOUGHT

Course number may be repeated for credit when the topics vary. Examines the themes of women, the family, and the private sphere in the history of political theory. Only one of the following may be counted: Core Texts and Ideas 335 (Topic: Women in Hist of Polit Thought), 335 (Topic 5), Government 335M (Topic: Women in History of Political Thought), 335M (Topic 17), Women's and Gender Studies 345 (Topic: Women in History of Political Thought), 345 (Topic 32). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. same as GOV 335M (TOPIC 17), WGS 345 (TOPIC 32).

• 29500	MWF	100 - 200P	CLA 0.112	STAUFFER, D

CTI 345 DANTE

Course number may be repeated for credit when the topics vary. Major works of literature from one or more cultures, studied with special attention to questions of universal human concern. Prerequisite: Varies with the topic. meets with EUS 347 (TOPIC 23), E 366D, ITC 348.

• 29505	TTH	1100 - 1230P	CLA 0.122	RAFFA, G

5-MAJOR WORKS OF DOSTOEVSKY

Course number may be repeated for credit when the topics vary. Major works of literature from one or more cultures, studied with special attention to questions of universal human concern. Explores the dilemmas of homicide, suicide, patricide, and redemption in the novels of Fyodor Dostoevsky. Only one of the following may be counted: Comparative Literature 323 (Topic: The Major Works of Dostoevsky), 323 (Topic 30), Core Texts and Ideas 345 (Topic: Major Works of Dostoevsky), 345 (Topic 5), European Studies 347 (Topic: Major Works of Dostoevsky), 347 (Topic 10), Russian 360 (Topic: Major Works of Dostoevsky), 360 (Topic 1), Russian, East European and Eurasian Studies 325 (Topic: Major Works of Dostoevsky), 325 (Topic 10). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 30), REE 325 (TOPIC 10).

• 29510	TTH	1230 - 200P	BUR 231	LIVERS, K

CTI 350 MASTERWORKS OF WORLD DRAMA

Studies major tragedies, comedies, and historical plays from various epochs, including at least one of Shakespeare's plays. Explores themes related to ethics, politics, and human nature, as well as the craft of the playwright. Students attend and discuss at least one play performance. Prerequisite: Upper-division standing.

• 29515	MWF	900 - 1000	PAR 304	LANG, E
• 29520	MWF	1000 - 1100	GDC 2.502	LANG, E

CTI 371 EINSTEIN IN AGE OF CONFLICT

Following the life and work of Albert Einstein, course examines the rise of the theories of relativity and quantum mechanics upon the stage of international political upheaval. Only one of the following may be counted: Core Texts and Ideas 370 (Topic: Einstein in the Age of Conflicts), 371, History 350L (Topic 64). Prerequisite: Upper-division standing. same as HIS 350L (TOPIC 64).

• 29525	TTH	200 - 330P	PAR 103	MARTINEZ, A

CTI 375 HIST OF ROME: THE REPUBLIC

Course number may be repeated for credit when the topics vary. Study of classic texts, connected historically or thematically. Core Texts and Ideas 375 and Western Civilization 320 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with HIS 321M, AHC 325 (TOPIC 1).

• 29530	MW	1000 - 1100	WAG 201	RIGGSBY, A
	TH	1000 - 1100	CAL 221	
• 29535	MW	1000 - 1100	WAG 201	RIGGSBY, A
	F	1000 - 1100	GAR 1.134	
• 29540	MW	1000 - 1100	WAG 201	RIGGSBY, A
	TH	1200 - 100P	CAL 200	

HIST OF ROME: THE REPUBLIC

Course number may be repeated for credit when the topics vary. Study of classic texts, connected historically or thematically. Core Texts and Ideas 375 and Western Civilization 320 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. meets with HIS 321M, AHC 325 (TOPIC 1).

• 29545	MW	1000 - 1100	WAG 201	RIGGSBY, A
	F	1200 - 100P	CAL 200	

MACHIAVELLI-HONORS

Course number may be repeated for credit when the topics vary. Study of classic texts, connected historically or thematically. Core Texts and Ideas 375 and Western Civilization 320 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. Restricted to students in the Plan I Honors Program. meets with LAH 350, HIS 350L, AHC 330, EUS 346.

• 29550	TTH	930 - 1100	GAR 0.132	FRAZIER, A

3-ENLIGHTENMENT/REVOLUTION

Course number may be repeated for credit when the topics vary. Study of classic texts, connected historically or thematically. Examines the relationship between the intellectual project of the Enlightenment and the political and social transformations that unfolded in western Europe and North America from the beginnings of the Dutch Revolt in the 1560s to the decade following the Paris Commune of 1871. Core Texts and Ideas 375 and Western Civilization 320 may not both be counted unless the topics vary. Only one of the following may be counted: Core Texts and Ideas 375 (Topic: Enlightenment and Revolution), 375 (Topic 3), European Studies 346 (Topic: Enlightenment and Revolution), 346 (Topic 14), History 350L (Topic: Enlightenment and Revolution), 350L (Topic 81). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as EUS 346 (TOPIC 14), HIS 350L (TOPIC 81).

• 29555	TH	500 - 800P	GAR 1.134	VAUGHN, J

7-ARCHAIC/CLASSICAL GREECE

Course number may be repeated for credit when the topics vary. Study of classic texts, connected historically or thematically. Survey of Greek history from the emergence of the city-states to the rise of Macedonia. Core Texts and Ideas 375 and Western Civilization 320 may not both be counted unless the topics vary. Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic 4), 325 (Topic 7), Classical Civilizations 354C,Core Texts and Ideas 375 (Topic: Archaic and Classical Greece), 375 (Topic 7), History 354C, 354E. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AHC 325 (TOPIC 7), HIS 354E. also meets with CTI 375 (TOPIC 7).

• 29560	MW	1100 - 1200	WAG 201	
	F	1000 - 1100	CAL 21	
• 29565	MW	1100 - 1200	WAG 201	
	TH	1100 - 1200	PAR 210	
• 29570	MW	1100 - 1200	WAG 201	
	F	1100 - 1200	CAL 21	

CTI 379 CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Intensive tutorial study of selected major texts. Prerequisite: Upper-division standing and consent of the director of the Jefferson Center and instructor.

• 29575

HEALTH AND SOCIETY

Health and Society - H S

H S 301 INTRO TO HEALTH & SOCIETY

A broad, multidisciplinary overview that introduces students to the study of health and society. Only one of the following may be counted: Health and Society 301, Sociology 308 (Topic: Introduction to Health and Society), 308S. same as SOC 308S.

• 29630	MW	830 - 1000	UTC 4.122	OSBAKKEN, S
• 29635	MW	230 - 400P	UTC 2.112A	OSBAKKEN, S

H S 310P PHYSICAL ACTIVITY/SOCIETY

Explores the way in which people are physically active in a social context - primarily in the United States. Examines how social forces influence physical activity including cultural, economic, historical, and demographic considerations. Examines physical activity on both the individual and population levels to better understand benefits and barriers to activity through the social context. Only one of the following may be counted: Sociology 302P, 304 (Topic: Physical Activity and Society), Health and Society 310P. same as SOC 302P.

• 29640	TTH	930 - 1100	CLA 0.102	TWITO, S

course	unique	days	time	room	instructor

H S 330 HEALTH CARE POLICY IN U.S.
Additional hour(s) to be arranged. An overview of the health care system in the United States and analysis of health policy issues primarily from the perspective of health economics. Only one of the following may be counted: Health and Society 330, PublicHealth 358D, Sociology 358D. Prerequisite: Upper-division standing.

• 29645	MW	1000 - 1100	CLA 1.106	ANGEL, R
	F	1000 - 1100	UTC 1.116	
• 29650	MW	1000 - 1100	CLA 1.106	ANGEL, R
	F	1100 - 1200	UTC 1.116	

H S 340 COMPARATIVE US HEALTH SYSTEMS
Course number may be repeated for credit when the topics vary. Selected topics on health and society. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. Topic description: Examines health care issues facing the United States by comparing US health systems to the Scandinavian/Nordic models of health care distribution and systems of other advanced countries such as Can ada, the United Kingdom, Switzerland, Japan, and Singapore.

• 29655	TTH	1100 - 1230P	BUR 128	PALMO, N

H S 378 SEMINAR IN HEALTH & SOCIETY
Focuses on a key topic or debate within the Health and Society area of study and develops students' abilities to use data and write a research or policy paper that informs that topic or debate. Prerequisite: Upper-division standing and Health and Society 301.

• 29660	TTH	1230 - 200P	BUR 214	PALMO, N
• 29665	T	330 - 630P	BUR 214	WEINREB, A

SEMINAR IN HEALTH & SOCIETY
Designed to accommodate 35 or fewer students. Focuses on a key topic or debate within the Health and Society area of study and develops students' abilities to use data and write a research or policy paper that informs that topic or debate. Prerequisite: Upper-division standing and Health and Society 301.

• 29670	MW	1130 - 100P	CLA 3.106	OSBAKKEN, S

H S 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Offered on the letter-grade basis only. A supervised conference course to provide training in research and writing. Prerequisite: For 679HA, upper-division standing and admission to the honors program in Health and Society; for 679HB, Health and Society 679HA.
• 29675

H S 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Offered on the letter-grade basis only. A supervised conference course to provide training in research and writing. Prerequisite: For 679HA, upper-division standing and admission to the honors program in Health and Society; for 679HB, Health and Society 679HA.
• 29680

HUMAN DIMENSIONS OF ORGANIZATIONS

Human Dimensions of Organizations - HDO

HDO 301 INTRO HMN DIMENSIONS OF ORGS
Introduction to organizations and how the liberal arts can examine, analyze, and change them. Defines organizations from a liberal arts standpoint; survey of career opportunities related to the human dimensions of organizations. meets with HDO 301.

• 29735	MWF	1000 - 1100	CPE 2.208	MARKMAN, A
	F	1100 - 1200	BUR 130	
• 29740	MWF	1000 - 1100	CPE 2.208	MARKMAN, A
	F	1100 - 1200	GAR 1.126	
• 29745	MWF	1000 - 1100	CPE 2.208	MARKMAN, A
	F	1100 - 1200	GDC 4.304	

HDO 320 MULTIDISC MTHDS EXPLORING ORGS
Analyze and synthesize organizational studies from a liberal arts viewpoint. Examine types of organizations, explore problems these organizations face, and consider the ways distinct methodologies might address these problems. Prerequisite: Human Dimensions of Organizations 301 with a grade of at least B-.

• 29750	MWF	1000 - 1100	BUR 214	TRAPHAGAN, J

HDO 359H HONORS RESEARCH I
Hour(s) to be arranged. Prerequisite: Human Dimensions of Organizations 301 and 320 with a gradeof at least B-; and admission to the honors program.
• 29755

HDO 379 APPLYING HUMAN DIMENS OF ORGS
Explores multidisciplinary methods of the human dimensions of organizations with an external entity. Focus on the role of the liberal arts viewpoint in practical settings. Restricted to human dimensions of organizations majors. Prerequisite: Upper-division standing, Human Dimensions of Organizations320, and consent of adviser.

• 29760	M	300 - 600P	CLA 1.102	WARE, A

HDO 381 INDIVIDUAL PERSPECTIVES ON HDO
Offered on the letter-grade basis only. A general introduction to the roles of individuals in organizations from a multidisciplinary perspective. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of instructor. Mandatory seminar August 22 and 25. Class meets September 7-December 7.

• 29765	F	400 - 700P	SEA 4.244	KEATING, E

HDO 383 SOC, CULTURE, & ORG DIVERSITY
Offered on the letter-grade basis only. Examines multidisciplinary frameworks for understanding society and culture in organizations. The effects of gender, race/ethnicity, sexual orientation, culture, and globalization on organizational change may be discussed. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of instructor. Mandatory seminar August 22 and 23. Class meets September 8-December 8.

• 29770	S	1230 - 330P	SEA 4.244	RICHMOND-GARZA, E

HDO 285 ORGANIZATIONAL ETHICS
Offered on the letter-grade basis only. Examines ethics as they pertain to organizational contexts. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of instructor. Class meets August 22-December 8.

• 29775	S	330 - 530P	SEA 4.244	BONEVAC, D

HDO 388 CONFERENCE COURSE IN HDO
Hour(s) to be arranged. May be repeated for credit. Individual directed study of selected topics in related human dimensions of organizations field. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of the graduate adviser.
• 29780

HDO 390 QUALITATIVE RESEARCH METHODS
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Covers qualitative approaches to studying people in organizational settings. Approaches may include narrative, phenomenology, grounded theory, ethnography, case studies. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of instructor. Mandatory seminar August 22 and 24. Class meets September 8-December 8.

• 29785	S	830 - 1130	SEA 4.244	TRAPHAGAN, J

HDO 695 CAPSTONE PROJECT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Focuses on the completion of the capstone project, the culmination of work in the human dimensions of organization degree. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing, consent of the graduate adviser, and consent of instructor.
• 29790

HDO 197 PRACTICUM IN HDO
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Applied study in human dimensions of organizations. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing, consent of the graduate adviser, and consent of instructor.
• 29795

THE HUMANITIES PROGRAM

Humanities - HMN

HMN 350 JOHNSON YEARS
Course number may be repeated for credit when the topics vary. Study of the values underlying humanistic disciplines. Prerequisite: Varies with the topic. meets with LAH 350 (TOPIC 18).

• 29850	TTH	930 - 1100	LBJ 10.150	LAWRENCE, M

MONEY IN POLITICS-HONORS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of the values underlying humanistic disciplines. Prerequisite: Varies with the topic. Topic description: Intensive lecture course treating topics from a variety of disciplinary perspectives, by instructors from various departments. Lectures, readings, discussions, examinations. Explores the nature and consequences of money in American politics. Restricted to Plan I majors in the College of Liberal Arts. meets with LAH 350 (TOPIC 14), GOV 370L (TOPIC 17).

• 29855	W	330 - 630P	CBA 4.340	ROBERTS, B

HMN 358Q SUPERVISED RESEARCH
Hour(s) to be arranged. Designed to accommodate 35 or fewer students. May be repeated for credit. Prerequisite: Consent of the humanities adviser.
• 29860

HMN 370 SENIOR TUTORIAL COURSE
Hour(s) to be arranged. A tutorial program of supervised reading and writing, including an individual paper or papers in which the student draws together the central directions and discoveries of his or her studies in the humanities. Humanities 370 and 679HB may not both be counted. Prerequisite: Consent of the humanities adviser.
• 29865

HMN 379 CONFERENCE COURSE
Hour(s) to be arranged. May be repeated for credit. Individual instruction in a topic approved by the instructor and the humanities adviser. Prerequisite: Upper-division standing and consent of the humanities adviser.
• 29870

HMN 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Directed reading and research, followed by the writing of a report or the creation of a project. Humanities 370 and 679HB may not both be

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counted. Prerequisite: For 679HA, admission to the Humanities Honors Program and consent of the humanities adviser; for 679HB, Humanities 679HA.
• 29875

HMN 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Directed reading and research, followed by the writing of a report or the creation of a project. Humanities 370 and 679HB may not both be counted. Prerequisite: For 679HA, admission to the Humanities Honors Program and consent of the humanities adviser; for 679HB, Humanities 679HA.
• 29880

INTERNATIONAL RELATIONS AND GLOBAL STUDIES

International Relations and Global Studies - IRG

IRG 301 INTRO INTL RELS & GLOBAL STDS
Restricted to international relations and global studies majors. Prerequisite: Completion of at least twenty-four semester hours of college coursework.

• 29935	MW	1000 - 1100	UTC 3.122	ANDERSON, M
	F	900 - 1000	MEZ 1.216	
• 29940	MW	1000 - 1100	UTC 3.122	ANDERSON, M
	F	1000 - 1100	GAR 0.128	
• 29945	MW	1000 - 1100	UTC 3.122	ANDERSON, M
	F	1100 - 1200	BEN 1.122	
• 29950	MW	1000 - 1100	UTC 3.122	ANDERSON, M
	F	1100 - 1200	JES A215A	
• 29955	MW	1000 - 1100	UTC 3.122	ANDERSON, M
	F	1200 - 100P	SZB 286	
• 29960	MW	1000 - 1100	UTC 3.122	ANDERSON, M
	F	100 - 200P	PAR 304	

IRG 320F FOUNDATN INTL RELS/GLOBAL STDS
Designed to accommodate 100 or more students. Survey of contemporary debates related to international relations and global studies. Restricted to international relations and global studies majors. Prerequisite: Upper-division standing and International Relations and Global Studies 301.

• 29965	TTH	1100 - 1230P	UTC 3.132	HOLMSTEN, S

IRG 378 CAPSTONE RESEARCH IN IRG
Restricted to international relations and global studies majors. Prerequisite: Upper-division standing and International Relations and Global Studies 301 and 320F.

• 29970	F	900 - 1200	CBA 4.338	MOSSER, M
• 29975	TTH	200 - 330P	GAR 0.132	WANG, D
• 29980	M	300 - 600P	MEZ 1.202	HOLMSTEN, S
• 29985	W	300 - 600P	GDC 6.202	HOLMSTEN, S

IRG 678HA HONORS TUTORIAL COURSE
Supervised individual research on an international relations and global studies topic. Prerequisite: For 678HA, upper-division standing, International Relations and Global Studies 301 with a grade of at least B, and admission to the International Relations and Global Studies Honors Program; for 678HB, International Relations and Global Studies 678HA.

• 29990	M	300 - 600P	MEZ 2.102	ANDERSON, M

LANGUAGE TEACHING AND COORDINATION

Language Teaching and Coordination - LTC

LIBERAL ARTS

Liberal Arts - L A

L A 101M LIB ARTS TO CAREER
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Only one of the following may be counted: Liberal Arts 101L (Topic: Liberal Arts Major in the Workplace), 101M, Liberal Arts Honors 104H. Prerequisite: Thirty semester hours of coursework and consent of the Liberal Arts Career Services office. Class meets August 29-October 10.

• 30045	W	300 - 500P	FAC 18N	VEGA, R

LIB ARTS TO CAREER
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Only one of the following may be counted: Liberal Arts 101L (Topic: Liberal Arts Major in the Workplace), 101M, Liberal Arts Honors 104H. Prerequisite: Thirty semester hours of coursework and consent of the Liberal Arts Career Services office. Class meets August 30-October 11.

• 30050	TH	330 - 530P	FAC 18N	VEGA, R

L A 101P CREATING ACADEMIC PATHWAYS-WB
Hour(s) to be arranged. Offered on the pass/fail basis only. Focuses on opportunities within the College of Liberal Arts, academic success, extracurricular support, and professional development. Liberal Arts 101L (Topic: Liberal Arts Pathways/Planning) and 101P may not both be counted. Restricted to first-year students. Restricted to students in a First Year Interest Group. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional in formation and to test your computer and internet connectivity.
• 30055 BUTLER, P

CREATING ACADEMIC PATHWAYS-WB
Hour(s) to be arranged. Offered on the pass/fail basis only. Focuses on opportunities within the College of Liberal Arts, academic success, extracurricular support, and professional development. Liberal Arts 101L (Topic: Liberal Arts Pathways/Planning) and 101P may not both be counted. Restricted to first-year students. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.
• 30060 BUTLER, P

L A 001Q FIRST-YEAR SEMINAR
Offered on the pass/fail basis only. Restricted to first-year students. Prerequisite: Concurrent enrollment in Liberal Arts 101P.

• 30065				
• 30070	W	900 - 1000	PAR 310	
• 30075	TH	930 - 1030	JES A209A	
• 30080	T	1000 - 1100	JES A303A	SCHMITT, J
• 30085	T	1100 - 1200	JES A203A	
• 30090	TH	1100 - 1200	GAR 0.132	
• 30095	W	1200 - 100P	GAR 2.112	SCHMITT, J
• 30100	T	1230 - 130P	JES A216A	
• 30105	T	200 - 300P	SAC 5.102	
• 30110	W	200 - 300P	MEZ 1.206	
• 30115	W	300 - 400P	MEZ 1.118	
• 30120	T	330 - 430P	BEN 1.104	
• 30125	TH	330 - 430P	WAG 308	

FIRST-YEAR SEMINAR
Offered on the pass/fail basis only. Restricted to first-year students. Prerequisite: Concurrent enrollment in Liberal Arts 101P. Restricted to students in the Foundation Scholars Program.

• 30130	W	1000 - 1100	PAR 304	
• 30135	W	1100 - 1200	PAR 304	
• 30140	TH	1230 - 130P	JES A216A	
• 30145	W	100 - 200P	MEZ 1.202	

L A 104R 1-LEADRSHP, ETHICS, & SOCIETY
Course number may be repeated for credit when the topics vary. Tutorial course, in which students submit reports based on service learning and appropriate supplementary reading. Restricted to recipients of the Rapoport Service Scholarship. Prerequisite: Consent of instructor.

• 30150	W	400 - 500P	GDC 2.502	BOWLES, C

L A 110 INTERNSHIP-WB
Hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit. Students work in a professional environment and apply analysis, communication, and other academic skills to practical work. Restricted to students in the College of Liberal Arts. Prerequisite: Completion of at least thirty semester hours of coursework, a University grade point average of at least 2.25, and consent of instructor. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.
• 30155 VEGA, R

L A 113P IMPACT MALES THRU MENTOR I
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary.

• 30160	M	500 - 600P	SZB 284	CAMPOS, E
• 30165	M	600 - 700P	SZB 422	CAMPOS, E

L A 119 APPLIED CULTURAL ANALYSIS-WB
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Discussion of various issues related to the academic, cultural, and personal aspects of completing academic work in international locations. Liberal Arts 119, 219, 319 and Undergraduate Studies 119 may not both be counted unless the topics vary. Liberal Arts 119, 219, 319 and 129, 229, 329 may not both be counted. Restricted to students participating in a study abroad program. Class meets August 13-October 12. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connectivity.
• 30170 MENDEZ, D

L A 320 INTERNSHIP-WB
Hour(s) to be arranged. May be repeated for credit. Designed to establish the academic foundations of an internship course in the liberal arts. Students integrate knowledge derived from their academic studies with the experiences gained in an internship setting. Prerequisite: Completion of at least thirty semester hours of coursework, a University grade point average of at least 2.25, and consent of instructor. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.
• 30175 VEGA, R

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L A 331R RESEARCH INTERNSHIP
Hour(s) to be arranged. May be repeated for credit, but no more than six hours may be counted toward degree requirements. Restricted to students in the College of Liberal Arts. Prerequisite: Upper-division standing, a grade point average of at least2.50, and written consent of instructor.
• 30180

L A 380L ENGAGED SCHOLAR SEMINAR III
Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Offer skills-based training for students at different stages of their programs. Prerequisite: Graduate standing; additional prerequisites may vary with the topic.
• 30185 T 300 - 600P PAR 214 CARTER, M

LIBERAL ARTS HONORS

Liberal Arts Honors - LAH

LAH 102H THE IDEA OF THE LIBERAL ARTS
Offered on the pass/fail basis only. An overview of the liberal arts disciplines. Restricted to students in the Freshman Honors Program in the College of Liberal Arts.
• 30240 M 400 - 530P GAR 0.102 MUSICK, M

LAH 104H PROFESSIONAL/CAREER DEVEL
Offered on the pass/fail basis only. Introduction to the ideas, concepts, and best practices of career development, professionalization and professional online brand management. Provides guidance on internships and career paths working in conjunction with Liberal Arts Career Services. Liberal Arts 101M and Liberal Arts Honors 104H may not both be counted. Restricted to students in the Liberal Arts Honors Program in the Collegeof Liberal Arts.
• 30245 T 330 - 500P MEZ 1.306 VEGA, R

LAH 305 1-REACTING TO THE PAST
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Intensive small class lecture or seminar course addressing basic issues in various liberal arts disciplines. Lectures, readings, discussions, examinations. Humanities 305 and Liberal Arts Honors 305 may not both be counted unless the topics vary. Liberal Arts Honors 305 (Topic 1) and 305 (Topic: Reacting to the Past) may not both be counted. Restricted to students in the Freshman Honors Program in the College of Liberal Arts.
• 30250 TTH 930 - 1100 GAR 0.128 LANG, E
• 30255 MWF 1000 - 1100 SZB 380 CASEY, J
• 30260 TTH 1100 - 1230P SZB 286 CASEY, J

LAH 350 BRITISH HIST, LIT, & POLITICS
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. Topic description: Explore geographic scope of the United Kingdom and its historical interactions with other societies including Asia, Africa, and early America. meets with T C 325, HIS 366N (TOPIC 17).
• 30265 F 300 - 630P HRC 3.204 LOUIS, W

EPICS AND INFLUENCES
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with E 350E.
• 30270 TTH 200 - 330P WOODS, M

FAULKNER AND O'CONNOR
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with E 349S.
• 30275 MW 230 - 400P BUR 228 HUTCHISON, C

GERMANY IN THE 20TH CENTURY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with HIS 337N, REE 335 (TOPIC 11).
• 30280 TTH 330 - 500P MEZ 2.124 CREW, D

HOLOCAUST AFTEREFFECTS
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with J S 365 (TOPIC 14), C L 323 (TOPIC 40), WGS 340 (TOPIC 66).
• 30285 TTH 930 - 1100 BUR 234 BOS, P

HOMER AND PLATO
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with GOV 379S.
• 30290 TTH 930 - 1100 PAR 302 PANGLE, L

IMAGINING GENOCIDE
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with J S 363.
• 30295 TTH 330 - 500P CLA 0.124 ABZUG, R

INQLTY IN THE US EDUC SYS
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. Topic title: Inequality in the U.S. education system. meets with SOC 321K.
• 30300 TTH 1100 - 1230P CLA 2.606 PIKUS, M

LEADERSHIP STRATEGY IN SPORTS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with T C 325.
• 30305 TTH 200 - 330P CLA 0.108 ROBERTS, D

LEGAL INTERNSHIPS AND THE LAW
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50.
• 30310 T 500 - 630P CBA 4.338 LEVY, M

MACHIAVELLI
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with HIS 350L, EUS 346, AHC 330, CTI 375.
• 30315 TTH 930 - 1100 GAR 0.132 FRAZIER, A

MODERNISM AND LITERATURE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with E 343L.
• 30320 TTH 1230 - 200P CAL 419 CARTER, M

POLITICS IN FICTION
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with GOV 379S (TOPIC 2).
• 30325 MW 330 - 500P BAT 1.104 SPARROW, B

REFUGEES AND FORCED MIGRATION
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with GOV 379S.
• 30330 T 330 - 630P CBA 4.340 NEWBERG, P

REGIME PERSP ON AMER POLITICS
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with CTI 335, GOV 379S (TOPIC 3).
• 30335 M 330 - 630P TULIS, J

THE NOBEL PRIZE
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. Topic title: African American writers in France. meets with E 360L.
• 30340 MWF 900 - 1000 PAR 210 DOHERTY, B

April 3, 2015

course | unique | days | time | room | instructor

WOMEN IN LOVE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with E 350E.
• 30342 TTH 200 - 330P CAL 419 WOODS, M

7-POWER/BELIEF: EARLY MOD EUR
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. The historical and cultural processes that lead people to change the way they look at the world, and also brought some early modern Europeans to argue for religious toleration - first as a practical matter, and eventually as a matter of principle. Only one of the following may be counted: History 350L (Topic: Spinoza's World), Liberal Arts Honors 350 (Topic: Spinoza's World), 350 (Topic 7). Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with HIS 362G.
• 30345 TTH 200 - 330P CLA 2.606 BODIAN, M

13-WRITING NONFICTION
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. The craft of writing profiles, narratives, and essays. Concentration on the fundamental components of nonfiction: beginnings, organization, character development, narrative flow, and conclusions. Only one of the following may be counted: Liberal Arts Honors 350 (Topic: Writing Nonfiction), 350 (Topic 13), Tutorial Course 325 (Topic: Writing Nonfiction). Restricted to Plan I majors in the College of Liberal Arts. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with T C 325.
• 30350 MWF 1100 - 1200 MEZ 1.104 CURTIS, G

14-MONEY IN AMER POLITICS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Explores the nature and consequences of money in American politics. Only one of the following may be counted: Government 379S (Topic: Money in Politics), Humanities 350 (Topic: Money in Politics), Liberal Arts Honors 350 (Topic: Money in Politics), 350 (Topic 14). Restricted to Plan I majors in the College of Liberal Arts. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with GOV 370L (TOPIC 17), HMN 350.
• 30355 W 330 - 630P CBA 4.340 ROBERTS, B

18-THE JOHNSON YEARS
Course number may be repeated for credit when the topics vary. Intensive lecture course treating topics from a variety of disciplinary perspectives, taught by instructors from various departments. Lectures, readings, discussions, examinations. Only one of the following may be counted: Government 379S (Topic: The Johnson Years), Humanities 350 (Topic: Johnson Years), Liberal Arts Honors 350 (Topic: The Johnson Years), 350 (Topic 18). Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with HMN 350.
• 30360 TTH 930 - 1100 LBJ 10.150 LAWRENCE, M

LAH 358Q SUPERVISED RESEARCH
Hour(s) to be arranged. May be repeated for credit, but no more than six semester hours may be counted toward College Honors. Prerequisite: A University grade point average of at least 3.50 and consent of the liberal arts honors program adviser.
• 30365

LAH 679TA HONORS THESIS
Hour(s) to be arranged. Offered on the letter-grade basis only. Supervised research, reading, and writing of a substantial paper on an interdepartmental subject. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: For Liberal Arts Honors 679TA, upper-division standing, a grade point average of at least 3.50, and written consent of the director of the Liberal Arts Honors Program; for 679TB, Liberal Arts Honors 679TA.
• 30370

LAH 679TB HONORS THESIS
Hour(s) to be arranged. Offered on the letter-grade basis only. Supervised research, reading, and writing of a substantial paper on an interdepartmental subject. Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: For Liberal Arts Honors 679TA, upper-division standing, a grade point average of at least 3.50, and written consent of the director of the Liberal Arts Honors Program; for 679TB, Liberal Arts Honors 679TA.
• 30375

UTEACH-LIBERAL ARTS

UTeach-Liberal Arts - UTL

UTL 101 INTRO TO TEACHING PROFESSION
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Weekly seminar with a University faculty member plus a field experience in an area elementary school under the supervision of a cooperating teacher. Course readings and instruction complement the field experience. Seminar topics include basic classroom management, lesson design, assessment, technology, diversity, and special student populations. Prerequisite: Successful admission into the UTeach-Liberal Arts program and consent of the UTeach adviser in the College of Liberal Arts.
• 30430 W 900 - 1000 GAR 2.128 MARTIN, K
• 30435 W 1100 - 1200 JES A217A MARTIN, K
• 30440 W 100 - 200P GAR 2.128 MARTIN, K

UTL 202 INTRO TO TEACHING MIDDLE SCHL
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Weekly seminar with a University faculty member plus a field experience in an area middle school under the supervision of a cooperating teacher. Course readings and instruction complement field experience. Seminar topics include classroom management, lesson design, assessment, technology, diversity, special student populations, conferencing techniques, and school organization. Prerequisite: UTeach-Liberal Arts 101 with a grade of at least B, and consent of the UTeach adviser in the College of Liberal Arts.
• 30445 MF 1100 - 1200 CLA 0.122 LOPEZ, M
• 30450 MF 100 - 200P MEZ 1.202 LOPEZ, M

UTL 640 TEACHING IN SECONDARY SCHOOLS
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course readings and instruction complement the field experience. Seminar topics include theoretical foundations for subject-specific methods, state and national standards and their implementation, teaching for proficiency, curriculum design, assessment, best practices, the instructional environment, and the role of technology in teaching. Restricted to students entering the professional development sequence of the UTeach-Liberal Arts program. Prerequisite: UTeach-Liberal Arts 101 and 202 with a grade of at least B in each, and consent of the UTeach adviser in the College of Liberal Arts. Restricted to students in teaching programs for languages other than English. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.ed u/tower/online/courses/ for additional information and to test your computer and internet connectivity.
• 30455 MW 200 - 500P UTC 4.114 POTTER, R

TEACHING IN SECONDARY SCHOOLS
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Course readings and instruction complement the field experience. Seminar topics include theoretical foundations for subject-specific methods, state and national standards and their implementation, teaching for proficiency, curriculum design, assessment, best practices, the instructional environment, and the role of technology in teaching. Restricted to students entering the professional development sequence of the UTeach-Liberal Arts program. Prerequisite: UTeach-Liberal Arts 101 and 202 with a grade of at least B in each, and consent of the UTeach adviser in the College of Liberal Arts. Restricted to students seeking certification in Social Studies. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online /courses/ for additional information and to test your computer and internet connectivity.
• 30460 TTH 800 - 1100 PAR 208 MELCHER, T

TEACHING IN SECONDARY SCHOOLS
Offered on the letter-grade basis only. Course readings and instruction complement the field experience. Seminar topics include theoretical foundations for subject-specific methods, state and national standards and their implementation, teaching for proficiency, curriculum design, assessment, best practices, the instructional environment, and the role of technology in teaching. Restricted to students entering the professional development sequence of the UTeach-Liberal Arts program. Prerequisite: UTeach-Liberal Arts 101 and 202 with a grade of at least B in each, and consent of the UTeach adviser in the College of Liberal Arts. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.
• 30465 MW 200 - 500P GAR 2.128 BIGGERSTAFF HAUG

UTL 360 PROBS/PRINS OF SECONDARY EDUC
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Draws upon resources found in the directed-teaching environment; considers problems and issues in four broad areas: students in the school, the teacher's professional responsibilities, curriculum understandings, and administrative and organizational problems. Restricted to students in the final student teaching semester of the UTeach-Liberal Arts program. Prerequisite: Concurrent enrollment in UTeach-Liberal Arts 670, and consent of the UTeach adviser in the College of Liberal Arts. Restricted to students seeking certification in languages other than English. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.ed u/tower/online/courses/ for additional information and to test your computer and internet connectivity.
• 30470 TH 500 - 630P MEZ 1.120 BAUERLE, V
TH 630 - 800P UTC 4.114

PROBS/PRINS OF SECONDARY EDUC
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Draws upon resources found in the directed-teaching environment; considers problems and issues in four broad areas: students in the school, the teacher's professional responsibilities, curriculum understandings, and administrative and organizational problems. Restricted to students in the final student teaching semester of the UTeach-Liberal Arts program. Prerequisite: Concurrent enrollment in UTeach-Liberal Arts 670, and consent of the UTeach adviser in the College of Liberal Arts. Restricted

to students seeking certification in English. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/course s/ for additional information and to test your computer and internet connectivity.
• 30475 TH 500 - 630P MEZ 1.120 BAUERLE, V
TH 630 - 800P MEZ 1.104

PROBS/PRINS OF SECONDARY EDUC
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Draws upon resources found in the directed-teaching environment; considers problems and issues in four broad areas: students in the school, the teacher's professional responsibilities, curriculum understandings, and administrative and organizational problems. Restricted to students in the final student teaching semester of the UTeach-Liberal Arts program. Prerequisite: Concurrent enrollment in UTeach-Liberal Arts 670, and consent of the UTeach adviser in the College of Liberal Arts. Restricted to students seeking certification in Social Studies. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online /courses/ for additional information and to test your computer and internet connectivity.
• 30480 TH 500 - 630P MEZ 1.120 BAUERLE, V
TH 630 - 800P MEZ 1.206

UTL 670 DIR TEACHING IN SECONDARY SCHL
Hour(s) to be arranged. Offered on the pass/fail basis only. Observation and teaching in secondary school classrooms as well as an exploration of other roles of the secondary school teacher, under the joint supervision of University and public school personnel. Restricted to students in the final student teaching semester of the UTeach-Liberal Arts program. Prerequisite: Concurrent enrollment in UTeach-Liberal Arts 360, and consent of the UTeach adviser in the College of Liberal Arts. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.
• 30485

DEPARTMENT OF AFRICAN AND AFRICAN DIASPORA STUDIES

African and African American Studies - AFR
Swahili - SWA
Yoruba - YOR

AFR 301 AFRICAN AMERICAN CULTURE
Survey of African American culture in the United States from the 1600s to the present. Subjects include the circumstances and responses of blacks during North American enslavement, the Civil War, Reconstruction, the Great Migration, the Harlem Renaissance, the civil rights movement, and contemporary contexts.
• 30540 TTH 1230 - 200P CLA 0.130

AFRICAN AMERICAN CULTURE
Survey of African American culture in the United States from the 1600s to the present. Subjects include the circumstances and responses of blacks during North American enslavement, the Civil War, Reconstruction, the Great Migration, the Harlem Renaissance, the civil rights movement, and contemporary contexts. meets with AMS 315, ANT 310L.
• 30545 MWF 1100 - 1200 CAL 100 JONES, J

AFR 302M NUMBERING RACE
Subjects include conceptualization and operationalization in quantitative measurement, the calculation and interpretation of descriptive statistics and statistical relationships, the application of statistical techniques to understand social phenomenon, and techniques for presenting results from quantitative analysis. Only one of the following may be counted: African and African Diaspora Studies 302M, 317D (Topic: Numbering Race), Statistics and Data Sciences310T (Topic: Numbering Race). meets with SDS 310T.
• 30550 TTH 200 - 330P GEA 127 JORGE DE PAULA PAI

AFR 304 INTRO TO THE STUDY OF AFRICA
Examines the complex histories, intellectual entanglements, and enduring hierarchies of Africa and African studies. Explores the evolution of African studies (both intellectually and institutionally), particularly in regards to the emergence of black studies. African and African Diaspora Studies 304 and 317C (Topic: Introduction to the Study of Africa) may not both be counted.
• 30555 MW 1130 - 100P GDC 4.302 CHERY, T

AFR 310L INTRO TO TRADITIONAL AFRICA
Introductory, interdisciplinary course on the peoples and cultures of Africa. same as HIS 311K. also meets with AHC 310.
• 30560 TTH 1100 - 1230P UTC 3.112 FALOLA, O

AFR 317C 1-THE UNITED STATES AND AFRICA
Course number may be repeated for credit when the topics vary. History of political, economic, and cultural relations between the United States and Africa from the early origins of the slave trade to the present. Only one of the following may be counted: African and African Diaspora Studies 317 (Topic: United States and Africa), 317C (Topic 1), History 317L (Topic 7). Prerequisite: Varies with the topic. same as HIS 317L (TOPIC 7).
• 30565 TTH 1230 - 200P UTC 3.112 FALOLA, O

5-INTRO TO ANCIENT EGYPT
Course number may be repeated for credit when the topics vary. A survey of the language, culture, and history of Egypt from the prehistorical period (13,000 BC) to the New Kingdom (1069 BC). Only one of the following may be counted: African and African Diaspora Studies 317C (Topic: Introduction to Ancient Egypt), 317C (Topic 5), Classical Civilization 304C (Topic 3), 348 (Topic 11). Prerequisite: Varies with the topic. same as C C 304C (TOPIC 3).
• 30570 MWF 200 - 300P WAG 101 NETHERCUT, W

AFR 317D BLACK INTEGRATION AT UT
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with EDP 318T.
• 30575 TTH 930 - 1100 BUR 214 BURT, B

3-THE BLACK POWER MOVEMENT
Course number may be repeated for credit when the topics vary. Examines the major organizations, key figures, and ideologies of the Black Power movement from the late 1960s and early 1970s. Only one of the following may be counted: African and African Diaspora Studies 317D (Topic: Black Power Movement), 317D (Topic 3), History 317L(Topic: Black Power Movement), 317L (Topic 9). Prerequisite: Varies with the topic. same as HIS 317L (TOPIC 9).
• 30580 TTH 1100 - 1230P UTC 2.112A MOORE, L

4-POLITICS OF BLACK IDENTITY
Course number may be repeated for credit when the topics vary. Analysis of the idea that the activities and practices of certain black celebrities, leaders, and intellectuals whose attitudes, behavior, and politics differ from the black majority undermine black progress. Examines the history of labels that make reference to black identity, including "Uncle Tom," "Negro," "sellout," and various other denigrating names. African and African Diaspora Studies 317D (Topic 4) and 317F (Topic: The Politics of Black Identity) may not both be counted. Prerequisite: Varies with the topic.
• 30585 TTH 1100 - 1230P CMA 3.114 COKLEY, K

6-MLK JR: A MORAL OBLIGATION
Course number may be repeated for credit when the topics vary. Explores the Civil Rights Movement focusing on the specific work of Dr. Martin Luther King, Jr. The history of the MLK statue on the UT-Austin campus will be the main focus of the course. African and African Diaspora Studies 317D (Topic: MLK Jr: A Moral Obligation) and 317D (Topic 6) may not both be counted. Prerequisite: Varies with the topic.
• 30590 TTH 1100 - 1230P GWB 1.130 BURT, B

AFR 317E AFRO-BRAZILIAN DIASPORA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with C L 305, LAS 310.
• 30595 MWF 100 - 200P PAR 204 AFOLABI, O

AFR 317F REVOLUTION WILL BE DRAMATIZED
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with AMS 315.
• 30600 MWF 1000 - 1100 CLA 1.104 THOMPSON, L

1-AFRICAN AMERICAN LIT AND CUL
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Explores texts, drawn from a variety of genres and periods, that indicate the range of African American experiences and how those experiences are influenced by issues such as class, ethnicity, gender, sexuality, and race. African and African Diaspora Studies 317F (Topic 1) and English 314V (Topic 1) may not both be counted. Prerequisite: Varies with the topic. same as E 314V (TOPIC 1).
• 30610 TTH 330 - 500P PAR 210 RIVERA-DUNDAS, A

2-MUSIC OF AFRICAN AMERICANS
Course number may be repeated for credit when the topics vary. Introduction to the variety of modes of expression of African American culture in music and other related genres. Only one of the following may be counted: African and African Diaspora Studies 317 (Topic 2: Music of African Americans), 317F (Topic 2), Music307 (Topic 1). Prerequisite: Varies with the topic. same as MUS 307 (TOPIC 1).
• 30615 MWF 1200 - 100P MRH 2.608 CARSON, C
T 500 - 600P MRH 2.634
• 30620 MWF 1200 - 100P MRH 2.608 CARSON, C
TH 500 - 600P MRH 2.634
• 30625 MWF 1200 - 100P MRH 2.608 CARSON, C
T 600 - 700P MRH 2.634
• 30630 MWF 1200 - 100P MRH 2.608 CARSON, C
TH 600 - 700P MRH 2.634

AFR 322 INTRO TO AFRICAN PREHISTORY
Prerequisite: Upper-division standing. same as ANT 324L (TOPIC 7).
• 30635 TTH 1230 - 200P SAC 4.118 DENBOW, J

AFR 357C AFRICAN AMERICAN HIST TO 1860
Review of West African origins; New World settlement patterns, social life, and culture; discussion of the Atlantic slave trade, the development of capitalism and plantation slavery, and the origins of racism. Only one of the following may be counted: African and African Diaspora Studies 357C, American Studies 321 (Topic: African American History to 1860), 321E, History 357C. Prerequisite: Upper-division standing. same as AMS 321E, HIS 357C.
• 30640 TTH 1100 - 1230P GAR 1.126 WALKER, J

AFR 372C 7-WOMEN AND SOCL MVMNTS IN US
Course number may be repeated for credit when the topics vary. Explores the history, foundational ideas, and subsequent theoretical developments that guide contemporary black studies. Examines women's participation in well-known and lesser-known social movements during the twentieth century. Only one of the following may be counted

unless the topics vary: Africanand African Diaspora Studies 372C, 374, 374C, 374D, 374E, 374F. Only one of the following may be counted: African and African Diaspora Studies 372C (Topic: Women and Socl Mvmnts in US), 372C (Topic 7), American Studies 321 (Topic: Women/Social Movements in US), 321 (Topic 10), History 365G (Topic: Women/Social Movements in US), 365G (Topic 8), Women's and Gender Studies 340 (Topic: Women/Socl Movements in the US, 340 (Topic 53). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as AMS 321 (TOPIC 10), HIS 365G (TOPIC 8), WGS 340 (TOPIC 53).

• 30645 TTH 1230 - 200P UTC 4.122 GREEN, L

12-RACE/GENDER/SURVEILLANCE

Course number may be repeated for credit when the topics vary. Explores the history, foundational ideas, and subsequent theoretical developments that guide contemporary black studies. Overview of theories in the sociology of social control, with a focus on risk, power, ethics, and surveillance. Examines historical transformations in social control and the distributions of power in the United States and global contexts, with attention to race, gender, and class. Subjects include: the transatlantic slave trade; prisons and punishment; the gaze, voyeurism, and reality television watching; the Internet; travel and state borders; privacy; and biometrics and the body. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 374, 374C, 374D, 374E, 374F. Only one of the following may be counted: African and African Diaspora Studies 372C (Topic 12), 374E (Topic: Surveillance and Social Control), American Studies 321 (Topic 6), Sociology 321K (Topic: Surveillance and Social Control), 322V, Women's and Gender Studies 322 (Topic: Surveillance and Social Control), 322 (Topic 8). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AMS 321 (TOPIC 6), SOC 322V, WGS 322 (TOPIC 8).

• 30650 TTH 930 - 1100 WAG 101 BROWNE, S

AFR 372D 1-PSYCHOLOGY OF RACE/RACISM

Course number may be repeated for credit when the topics vary. Explores the history, theoretical developments, and institutional forms that impact the education and the physical, mental, and emotional health and well-being of people of African descent. Review of the history and evolution of the construct of race as a psychological and social phenomenon. Multidisciplinary but primarily social-psychological approach: in addition to readings from psychology, ideas in the areas of anthropology, sociology, and biology will be discussed. Emphasis on theoretical and conceptual approaches toward understanding the psychology of racial thinking. Only one of the following may be counted unless the topics vary: African and African Diaspora Studies 372D, 374, 374C, 374D, 374E, 374F. Only one of the following may be counted: African and African Diaspora Studies 372D (Topic 1), 374D (Topic: Psychology of Race and Racism), Educational Psychology 354J, 362 (Topic 6: Psychology of Race and Racism), 362 (Topic: Psychology of Race and Racism). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as EDP 354J.

• 30655 TTH 930 - 1100 UTC 1.104 AWAD, G

2-SOCIOCUL INFLUENCES ON LEARN

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Explores the history, theoretical developments, and institutional forms that impact the education and the physical, mental, and emotional health and well-being of people of African descent. Human learning in multisocial, multilingual, and multicultural contexts; realities of society and their impact on learning; social concerns such as prejudice, stereotyping, cross-cultural attitudes, bilingual issues, parent and community involvement. Only one of the following may be counted unless the topics vary: African and African Diaspora Studies 372D, 374, 374C, 374D, 374E, 374F. Only one of the following may be counted: African and African Diaspora Studies 372D (Topic 2), 374D (Topic: Sociocultural Influences on Learning), Applied Learning and Development 327. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Three semester hours of coursework in psychology. meets with ALD 327.

• 30660 T 100 - 400P SZB 411 BROWN, K
• 30665 TH 400 - 700P SZB 424 DE LISSOVOY, N

2-SOCIOCUL INFLUENCES ON LEARN

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Explores the history, theoretical developments, and institutional forms that impact the education and the physical, mental, and emotional health and well-being of people of African descent. Human learning in multisocial, multilingual, and multicultural contexts; realities of society and their impact on learning; social concerns such as prejudice, stereotyping, cross-cultural attitudes, bilingual issues, parent and community involvement. Only one of the following may be counted unless the topics vary: African and African Diaspora Studies 372D, 374, 374C, 374D, 374E, 374F. Only one of the following may be counted: African and African Diaspora Studies 372D (Topic 2), 374D (Topic: Sociocultural Influences on Learning), Applied Learning and Development 327. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Three semester hours of coursework in psychology. meets with ALD 327, MAS 374.

• 30670 TH 100 - 400P SZB 426

AFR 372E FASHION AND DESIRE

Course number may be repeated for credit when the topics vary. Studies in music, art, literature, and sports that explore the artistic,aesthetic, bodily, and other cultural expressions and traditions of black people. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372E, 374, 374C, 374D, 374E, 374F. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with WGS 340.

• 30675 TTH 930 - 1100 GEA 114 GILL, L

4-AFR AM LIT THRU HARL RENAIS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Studies in music, art, literature, and sports that explore the artistic,aesthetic, bodily, and other cultural expressions and traditions of black people. A survey of African American writing, including autobiography, poetry, fiction, and drama. Authors may include Douglass, Jacobs, Frances E. W. Harper, Chestnutt, Du Bois, Hurston, and Hughes. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372E, 374, 374C, 374D, 374E, 374F. African and African Diaspora Studies 372E (Topic 4) and English 376R may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as E 376R.

• 30685 TTH 1230 - 200P BUR 228 RICHARDSON, M

5-AFR AM LIT SNC HARLM RENAIS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Studies in music, art, literature, and sports that explore the artistic,aesthetic, bodily, and other cultural expressions and traditions of black people. The development of African American poetry, drama, fiction, and nonfiction since the Harlem Renaissance. Authors may include Wright, Ellison, Baldwin, Malcolm X, Baraka, Morrison, Shange, and Charles Johnson. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372E, 374, 374C, 374D, 374E, 374F. African and African Diaspora Studies 372E (Topic 5) and English 376S may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as E 376S.

• 30690 MW 100 - 230P PAR 304 WOODARD, H

15-CONTEMP AFR AMER WOMEN FIC

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Studies in music, art, literature, and sports that explore the artistic,aesthetic, bodily, and other cultural expressions and traditions of black people. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372E, 374, 374C, 374D, 374E, 374F. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Contemporary African American Women's Fiction), 372E (Topic 15), English 376M (Topic: Contemporary African American Women's Fiction), 376M (Topic 7), Women's and Gender Studies 340 (Topic: Contemporary African American Women's Fiction), 340 (Topic 29). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as E 376M (TOPIC 7), WGS 340 (TOPIC 29).

• 30700 TTH 1100 - 1230P BUR 228 RICHARDSON, M

AFR 372G CONTEMP AFRICAN POP CULTURE

Course number may be repeated for credit when the topics vary. Explores the cultural, historical, linguistic, artistic, philosophical, and other intellectual traditions emerging from within Africa and as developed, reinterpreted, or reimagined in diasporic contexts. Only one of the following may be counted unless the topics vary: African and African Diaspora Studies 372G, 374, 374C, 374D, 374E, 374F. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with ANT 324L, WGS 340.

• 30705 MWF 200 - 300P CLA 1.104 LIVERMON, X

7-AFRICAN QUEER STUDIES

Course number may be repeated for credit when the topics vary. Explores the cultural, historical, linguistic, artistic, philosophical, and other intellectual traditions emerging from within Africa and as developed, reinterpreted, or reimagined in diasporic contexts. Examines the development of African queer studies as the interdisciplinary study of sexuality on the African continent, and its impact on the academic and activist realm. Focus on intersectional feminist and queer theory and how this field offers tools that can be used to rethink issues of oppression and domination in relationship to race, nation, sex, gender, and sexuality on the African continent. Of particular interest will be LGBTQ activism and the ways in which queer Africans engage and shape their sexuality, and create forms of belonging in their countries and their communities. Only one of the following may be counted unless the topics vary: African and African Diaspora Studies 372G, 374, 374C, 374D, 374E, 374F. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: African Queer Studies), 372G (Topic 7), Women's and Gender Studies 335 (Topic 3), 340 (Topic: African Queer Studies). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as WGS 335 (TOPIC 3).

• 30710 MWF 1200 - 100P CLA 1.102 LIVERMON, X

20-HISTORIES AFRICAN LIBERATN

Course number may be repeated for credit when the topics vary. Explores the cultural, historical, linguistic, artistic, philosophical, and other intellectual traditions emerging from within Africa and as developed, reinterpreted, or reimagined in diasporic contexts. Examination of important figures, movements, strategies, and factors that contributed to decolonization on the African continent. Only one of the following may be counted unless the topics vary: African and African Diaspora Studies 372G, 374, 374C, 374D, 374E, 374F. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: Histories of African Liberation), 372G (Topic 20), History 364G (Topic: Histories of African Liberation), 364G (Topic: 9). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as HIS 364G (TOPIC 9).

• 30715 MW 100 - 230P GAR 2.112 CHERY, T

AFR 373 INDEPENDENT RESEARCH

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual research on

a problem in African and African diaspora studies. Prerequisite: Upper-division standing, African and African Diaspora Studies 301 or 303, and written consent of the supervising faculty member on forms available in the department office for that purpose.
• 30720

AFR 374C 5-EGYPT HIEROGLYPHICS CUL CTX
Course number may be repeated for credit when the topics vary. The vocabulary and grammar of ancient Egypt as a guide to understanding artifacts and monuments from the different periods of Egyptian history, whether in museums, exhibitions, or on site overseas. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372F, 372G, 374C. Only one of the following may be counted: African and African Diaspora Studies 374C (Topic: Egyptian Hieroglyphics in Cultural Context), 374C (Topic 5), Classical Civilization 348 (Topic: Egyptian Hieroglyphics in Cultural Context), 348 (Topic 17). Prerequisite: Varies with the topic. same as C C 348 (TOPIC 17).
• 30725 MWF 1100 - 1200 WAG 112 NETHERCUT, W

AFR 374D 2-HIST BLACK ENTREPREN IN US
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372F, 372G, 372G, 374D. African and African Diaspora Studies 374D (Topic 2) and History 350R (Topic 12) may not both be counted. Prerequisite: Varies with the topic. same as HIS 350R (TOPIC 12). also meets with AMS 370.
• 30730 TTH 200 - 330P GAR 2.128 WALKER, J

9-BLACK WOMEN IN AMERICA
Course number may be repeated for credit when the topics vary. Uses primary sources, historical monographs, and essays to provide a chronological and thematic overview of the experiences of black women inAmerica from their African roots to the circumstances they face in the present era. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372F, 372G, 372G, 374D. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Black Women in America), 374D (Topic 9), History 350L (Topic: Black Women in America), 350R (Topic 17), Women's and Gender Studies 340 (Topic: Black Women in America), 340 (Topic 9). Prerequisite: Varies with the topic. same as HIS 350R (TOPIC 17), WGS 340 (TOPIC 9). also meets with AMS 321.
• 30735 MW 1000 - 1130 GAR 1.126 BERRY, D

13-AFRICAN AMERICAN POLITICS
Course number may be repeated for credit when the topics vary. The evolution and role of African American politics within the American political system. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372F, 372G, 372G, 374D. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: African American Politics), 374D (Topic 13), Government 370K (Topic 3). Prerequisite: Varies with the topic. same as GOV 370K (TOPIC 3).
• 30740 TTH 930 - 1100 UTC 3.132 PHILPOT, T

18-CVL RTS MVMT FRM COMP PERSP
Course number may be repeated for credit when the topics vary. Focuses on African American and Mexican American struggles for civil rights. Asian American and Native American movements will also be addressed. Using a comparative approach the student will consider the distinctiveness of each of these struggles while also viewing them in relation to each other. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372F, 372G, 372G, 374D. Only one of the following may be counted: American Studies 370 (Topic: Civil Rts Mov from Comp Persp), African and African Diaspora Studies 374D (Topic: Civil Rts Mov from Comp Persp), 374D (Topic 18), History 350R (Topic: Civil Rts Mov from Comp Persp), 350R (Topic 35). Prerequisite: Varies with the topic. same as HIS 350R (TOPIC 35). also meets with AMS 370.
• 30745 W 300 - 600P JES A209A GREEN, L

AFR 374E HIV/AIDS ACTIVISM/HEAL ARTS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372F, 372G, 374E. Prerequisite: Varies with the topic. meets with ANT 324L, WGS 335.
• 30750 TTH 200 - 330P PAR 203 GILL, L

PUERTO RICO IN CRISIS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372F, 372G, 374E. Prerequisite: Varies with the topic. meets with MAS 374, HIS 363K, AMS 370.
• 30755 TTH 330 - 500P PAR 304 JIMENEZ, M

AFR 374F HARLEM RENAISSANCE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372G, 374F. Prerequisite: Varies with the topic. meets with E 376M.
• 30760 MWF 1200 - 100P CLA 0.118 WILKS, J

9-AFRICANA WOMEN'S ART
Course number may be repeated for credit when the topics vary. Analysis of the diverse modes of presentation, mediums, definitions, andinfluences of Africana women artists in the diaspora. Designed to use critical theory and art history found in oral and written literatures, music, films, and other formal and informal documents. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372G, 374F. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Africana Women's Art), 374F (Topic 9), Art History 346L, 373C (Topic: Africana Women's Art), Women's and Gender Studies 340(Topic: Africana Women's Art), 340 (Topic 46). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as ARH 346L, WGS 340 (TOPIC 46).
• 30765 TTH 930 - 1100 DFA 2.204 OKEDIJI, M

21-LIT OF BLACK POLITICS
Course number may be repeated for credit when the topics vary. Examines the novels, plays, and critical essays of Ralph Ellison, James Baldwin, and Toni Morrison as works of democratic political theorizing and political engagement. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372G, 374F. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Literature of Black Politics), 374F (Topic 21), American Studies 370 (Topic: Literature of Black Politics), 370 (Topic 43), Core Texts and Ideas 345 (Topic: Literature of Black Politics), Western Civilization 320 (Topic: Literature of Black Politics). Prerequisite: Varies with the topic. same as AMS 370 (TOPIC 43).
• 30770 MW 1130 - 100P GAR 3.116 MARSHALL, S

22-MUSIC OF MEXICO & CARIBBEAN
Course number may be repeated for credit when the topics vary. Introduction to the history of Mexican and Caribbean traditional and commercial music, with some discussion of classical music as well. Attention will be given to music of indigenous, African, European, and mixed origin. Mexico and the Spanish-speaking Caribbean receive special attention. Class meetings will be divided into lecture/discussion segments, videos, listening, and performance instruction/demonstration. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 372D, 372E, 372G, 374F. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Music of Mexico and the Caribbean), 374F (Topic 22), Latin American Studies 322 (Topic: Music of Mexico and the Caribbean), 326 (Topic 1), Music 334 (Topic 1). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as LAS 326 (TOPIC 1), MUS 334 (TOPIC 1). also meets with MUS 380.
• 30775 TTH 1100 - 1230P MRH 2.634 MOORE, R
M 500 - 600P MRH 4.126
• 30780 TTH 1100 - 1230P MRH 2.634 MOORE, R
W 500 - 600P MRH 4.126

AFR 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. For honors candidates in African and African diaspora studies. Prerequisite: For 679HA, admission to the African and African Diaspora Studies Honors Program no later than two semesters before expected graduation; for 679HB, African and African Diaspora Studies 679HA. A University grade point average of at least 3.00 and a grade point average in African and African diaspora studies of at least 3.50 are required for admission to the African and African Diaspora Studies Honors Program.
• 30785

AFR 381 BLACK POLITICAL THOUGHT
Course number may be repeated for credit when the topics vary. Topics focusing on the academic literature in the humanities, social sciences, and fine arts relating to various theories of the African diaspora. Prerequisite: Graduate standing. meets with AMS 390.
• 30790 M 200 - 500P MEZ 1.104 MARSHALL, S

AFR 387D BLACK ATLANTIC MODERNISMS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with E 397N, C L 381.
• 30795 W 300 - 600P MEZ 2.102 WILKS, J

PERFORMING BLACKNESS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with T D 387D, AMS 391, WGS 393.
• 30800 W 1200 - 300P GWB 1.138 THOMPSON, L

THEORIES OF ART IDENTITY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with WGS 393, ARH 387.
• 30805 T 930 - 1230P CMA 3.108 SMITH, C

AFR 390 BLACK STUDIES THEORY I
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. An exploration of the innovative, complex, and distinctive African diaspora social structures and cultural traditions, as well as the historical, cultural, political, economic, and social development of people of African descent. Prerequisite: Graduate standing.
• 30810 W 300 - 600P GWB 1.138 MAKALANI, M

AFR 395P SUBJECTS IN PROF IN AFR
May be repeated for credit. Advanced seminar designed to introduce students to African and African diaspora studies and the skills needed in this field; including writing and revision, competitive and successful applications for grants and fellowships, and development and preparation of a dissertation proposal. Prerequisite: Graduate standing, consent of instructor, and consent of the graduate adviser.
• 30815 WTH 1100 - 200P GWB 1.138 FOSTER, K

AFR 395Q QUALIFYING EXAMINATION PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of the graduate adviser.
• 30820

course	unique	days	time	room	instructor

AFR 396 CONF COURSE IN BLACK STUDIES
Hour(s) to be arranged. May be repeated for credit. Individual instruction in specialized problems of advanced research in black studies. Prerequisite: Graduate standing and consent of instructor and the department.
• 30825

AFR 397R LITERATURE REVIEW
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to be counted toward the requirement for the master's degree under the report option. Prerequisite: Graduate standing in African and African diaspora studies and consent of the supervising instructor and the graduate adviser.
• 30830

AFR 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in African and African diaspora studies; for 698B, African and African Diaspora Studies 698A.
• 30835

AFR 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in African and African diaspora studies, African and African Diaspora Studies 397R, and consent of the supervising instructor and the graduate adviser.
• 30840

AFR 398T SUPERVISED TEACHING IN AADS
Offered on the credit/no credit basis only. Prerequisite: Graduate standing and consent of the graduate adviser.
• 30845 T 200 - 500P CMA 3.134 JONES, J

AFR 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser.
• 30850

AFR 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser.
• 30855

AFR 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of the graduate adviser.
• 30860

AFR 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: African and African Diaspora Studies 399R, 699R, or 999R, and written consent of the graduate adviser.
• 30865

AFR 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: African and African Diaspora Studies 399R, 699R, or 999R, and written consent of the graduate adviser.
• 30870

AFR 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: African and African Diaspora Studies 399R, 699R, or 999R, and written consent of the graduate adviser.
• 30875

YOR 601C BEGINNING YORUBA
An intensive beginning course with an emphasis on basic skills: listening, speaking, reading, and writing. Yoruba 601C and 506 may not both be counted. Yoruba 601C and 507 may not both be counted.
• 30930 MWF 1200 - 200P ADELAKUN, A

DEPARTMENT OF AIR FORCE SCIENCE

Air Force Science - AFS

AFS 100 LEADERSHIP LABORATORY-GMC
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Various leadership techniques, including drill and ceremonies, customs and courtesies, and uniform standards. Restricted to General Military Course students. meets with AFS 120L.
• 30985 MW 1200 - 100P WAG 214 CRIPPEN, Z

LEADERSHIP LABORATORY-GMC
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Various leadership techniques, including drill and ceremonies, customs and courtesies, and uniform standards. Restricted to General Military Course students. meets with AFS 120L.
• 30990 F 1100 - 100P CLA 5.404 CRIPPEN, Z

AFS 102K FOUNDATIONS OF THE USAF I
Provides an introduction to the Air Force (AF), allowing students to examine general aspects of the Department of the Air Force, AF Leadership, AF benefits, and opportunities for AF officers; lays the foundation for becoming an Airman, including AF customs and courtesies, AF dress and appearance, team building, communication skills, AF Core values, and more. Provides a knowledge-level understanding of United States military operations, principles of war, and airpower from an institutional, doctrinal, and operational perspective. Prerequisite: Concurrent enrollment in Air Force Science 100.
• 30995 W 100 - 200P CLA 5.404 TOMBARGE, P
• 31000 W 200 - 300P CLA 5.404 TOMBARGE, P

AFS 111K EVOL USAF AIR & SPACE POWER I
Examines general aspects of the operational employment of air and space power through a historical and institutional lens. Utilizing these perspectives, the course examines principles of war and tenets of air and space power, summarizes the importance of joint operations to the military operating environment, and explores concepts of interpersonal leadership through the use of operational examples. Prerequisite: Concurrent enrollment in Air Force Science 100.
• 31005 W 800 - 900 CLA 5.404 NGUYEN, H
• 31010 W 900 - 1000 CLA 5.404 NGUYEN, H

AFS 120L LEADERSHIP LABORATORY-POC
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Leadership laboratory course for upper-division students. Further development of leadership skills through leadership positions within thecadet corps. Includes training of freshman and sophomore students as well as a practicum in Air Force unit operation. Restricted to Professional Officer Course students. meets with AFS 100.
• 31015 MW 1200 - 100P WAG 214 CRIPPEN, Z

LEADERSHIP LABORATORY-POC
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Leadership laboratory course for upper-division students. Further development of leadership skills through leadership positions within thecadet corps. Includes training of freshman and sophomore students as well as a practicum in Air Force unit operation. Restricted to Professional Officer Course students. meets with AFS 100.
• 31020 F 1100 - 100P CLA 5.404 CRIPPEN, Z

AFS 321 AIR FORCE LEADERSHIP STDS I
Study of leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force officer. Case studies throughout the course examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. Prerequisite: Air Force Science 102K, 102L, 111K, and 111L; concurrent enrollment in Air Force Science 120L; and completion a of field trainingcourse or equivalent ROTC or military training.
• 31025 TTH 800 - 930 CLA 5.404 CRIPPEN, Z
• 31030 TTH 930 - 1100 CLA 5.404 CRIPPEN, Z

AFS 333 SENIOR AIR FORCE STUDIES I
Examines national security policy making, decision, and execution processes, regional studies, advanced leadership ethics, and Air Force doctrine. Special subjects of interest focus on the military as a profession, officership, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills. Air Force Science 331 and 333 may not both be counted. Prerequisite: Air Force Science 322 and concurrent enrollment in Air Force Science 120L.
• 31035 CLA 5.404 TOMBARGE, P

DEPARTMENT OF AMERICAN STUDIES

American Studies - AMS

AMS 310 INTRO TO AMERICAN STUDIES
Designed to accommodate 100 or more students. An interdisciplinary introduction to the historical exploration of American culture. American Studies 310 and History 315G may not both be counted. same as HIS 315G.
• 31090 TTH 930 - 1100 ART 1.102 CORDOVA, C
• 31095 MWF 1000 - 1100 GAR 0.102

AMS 311S AMERICAN CATASTROPHES
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Writing, reading, and discussion on an American studies topic, with emphasis on the evaluation of information, analytical reading, and critical writing. Topic description: This course will examine a range of ways that artists, intellectuals, and activists have attempted to understand and articulate legacies of violence and catastrophe in the United States.
• 31096 MWF 1000 - 1100 BUR 436A BLOOM, N

EATING RIGHT IN AMERICA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Writing, reading, and discussion on an American studies topic, with emphasis on the evaluation of information, analytical reading, and critical writing. Topic description: Course explores race, gender, ability, and class to understand what it means to eat right in America.
• 31097 MWF 1100 - 1200 BUR 436A KNERR, K

April 3, 2010

course unique days time room instructor

THE SELFIE STICK: ART IN US
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Writing, reading, and discussion on an American studies topic, with emphasis on the evaluation of information, analytical reading, and critical writing. Topic description: This course examines the self-portrait and the photograph from a different cultural vantage point.
• 31099 MWF 200 - 300P BUR 436A ZELT, N

AMS 315 AFRICAN AMERICAN CULTURE
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Prerequisite: Varies with the topic. meets with AFR 301, ANT 310L.
• 31100 MWF 1100 - 1200 CAL 100 JONES, J

DRUG HISTORY IN THE AMERICAS
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Prerequisite: Varies with the topic. meets with MAS 319, LAS 310.
• 31105 TTH 330 - 500P WAG 201 ALVAREZ, C

ETHNICITY & GENDER: LA CHICANA
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Prerequisite: Varies with the topic. meets with SOC 308D, MAS 311, WGS 301 (TOPIC 6).
• 31110 MWF 900 - 1000 GAR 0.132
• 31115 MWF 1200 - 100P

INTRO NATV AM/INDIG STUDIES
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Prerequisite: Varies with the topic. meets with MAS 319.
• 31120 MWF 1000 - 1100 TAHMAHKERA, D

PSY PERSP ON ASIAN AMER IDENT
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Prerequisite: Varies with the topic. meets with AAS 310 (TOPIC 1).
• 31125 MWF 1000 - 1100 BHALODIA, A

REVOLUTION WILL BE DRAMATIZED
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Prerequisite: Varies with the topic. meets with AFR 317F.
• 31130 MWF 1000 - 1100 CLA 1.104 THOMPSON, L

3-RACE, IMMIGRATION & FAMILY
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Introduction to family systems in the United States in a post-WWII framework with a central focus on Asian Americans. Students will investigate how gender, race, and ethnicity intersect and inform our understanding of the institution of the family. Only one of the following may be counted: American Studies 315 (Topic: Alternative Family Systems), 315 (Topic 3), Asian American Studies 310 (Topic: Alternative Family Systems), 310 (Topic 5), Women's and Gender Studies 301 (Topic: Alternative Family Systems), 301 (Topic 24). Prerequisite: Varies with the topic. same as AAS 310 (TOPIC 5), WGS 301 (TOPIC 24).
• 31135 MWF 100 - 200P CMA 5.190 GUNASENA, N

7-ASIAN AMERICAN FILM HISTORY
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Only one of the following may be counted: American Studies 315 (Topic: Asian American Film History), American Studies 315 (Topic 7), Asian American Studies 310 (Topic: Asian American Film History), Asian American Studies 310 (Topic 6), Radio-Television-Film 301N (Topic: AsianAmerican Film History). Prerequisite: Varies with the topic. same as AAS 310 (TOPIC 6). also meets with RTF 301N.
• 31140 TTH 1100 - 1230P CLA 1.102 NAULT, C

AMS 321 BLACK WOMEN IN AMERICA
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with HIS 350R (TOPIC 17), AFR 374D (TOPIC 9), WGS 340 (TOPIC 9).
• 31150 MW 1000 - 1130 GAR 1.126 BERRY, D

EUROPN IMMIGRATN TEXAS 19TH C
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with EUS 346, GSD 360.
• 31155 TTH 1230 - 200P PAR 302 KEARNEY, J

NATV AMER CUL GREATER STHWST
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with ANT 322M (TOPIC 3).
• 31160 TTH 930 - 1100 SAC 4.118 WEBSTER, A

POLICING LATINIDAD
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with MAS 374.
• 31161 MWF 1000 - 1100 BIO 301 LEBRON, M

WOMEN OF COLOR FEMINISMS IN US
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with MAS 374.
• 31162 MWF 1100 - 1200 CMA 3.114 GUIDOTTI-HERNANDEZ

6-RACE/GENDER/SURVEILLANCE
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Overview of theories in the sociology of social control, with a focus on risk, power, ethics, and surveillance. Examines historical transformations in social control and the distributions of power in the United States and global contexts, with attention to race, gender, and class. Subjects include: the transatlantic slave trade; prisons and punishment; the gaze, voyeurism, and reality television watching; the Internet; travel and state borders; privacy; and biometrics and the body. Only one of the following may be counted: African and African Diaspora Studies 372C (Topic 12), 374E (Topic: Surveillance and Social Control), American Studies 321 (Topic 6), Sociology 321K (Topic: Surveillance and Social Control), 322V, Women's and Gender Studies 322 (Topic: Surveillance and Social Control), 322 (Topic 8). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AFR 372C (TOPIC 12), SOC 322V, WGS 322 (TOPIC 8).
• 31165 TTH 930 - 1100 WAG 101 BROWNE, S

10-WOMEN AND SOCL MVMNTS IN US
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Examines women's participation in well-known and lesser-known social movements during the twentieth century. Only one of the following may be counted: African and African Diaspora Studies 372C (Topic: Women and Socl Mvmnts in US), 372C (Topic 7), American Studies 321 (Topic: Women/Social Movements in US), 321 (Topic 10), History 365G (Topic: Women/Social Movements in US), 365G (Topic 8),Women's and Gender Studies 340 (Topic: Women/Socl Movements in the US, 340 (Topic 53). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as AFR 372C (TOPIC 7), HIS 365G (TOPIC 8), WGS 340 (TOPIC 53).
• 31170 TTH 1230 - 200P UTC 4.122 GREEN, L

AMS 321E AFRICAN AMERICAN HIST TO 1860
Review of West African origins; New World settlement patterns, social life, and culture; discussion of the Atlantic slave trade, the development of capitalism and plantation slavery, and the origins of racism. Only one of the following may be counted: African and African Diaspora Studies 357C, American Studies 321 (Topic: African American History to 1860), 321E, History 357C. Prerequisite: Upper-division standing. same as AFR 357C, HIS 357C.
• 31175 TTH 1100 - 1230P GAR 1.126 WALKER, J

AMS 325 AMERICAN ART 1958-1985
Course number may be repeated for credit when the topics vary. Study of American culture and society through media and the arts. Prerequisite: Varies with the topic. meets with ARH 339M.
• 31180 TTH 930 - 1100 ART 1.110 CLARKE, J

US MUSIC/RELIGIOUS IDENTITY
Course number may be repeated for credit when the topics vary. Study of American culture and society through media and the arts. Prerequisite: Varies with the topic. meets with MUS 376G, R S 346.
• 31185 MW 230 - 400P PHR 2.114 ROBERTS, J

AMS 355 MAIN CURR OF AMER CUL TO 1865
Traces the development of American culture and society from the colonialera until the end of the Civil War. Major themes include racial conflict, religion, slavery, the development of democracy, and cultural reform. Prerequisite: Upper-division standing. same as HIS 355N.
• 31190 TTH 1100 - 1230P BUR 220 MEIKLE, J

AMS 356 MAIN CURR AMER CUL SINCE 1865
Traces the development of American culture and society from the end of the Civil War to the present. Major themes include racial conflict, pluralism, religion, urban development and reform, modernism, government centralization, cultural radicalism, and the rebirth of conservatism. Prerequisite: Upper-division standing. same as HIS 356K.
• 31195 TTH 200 - 330P BUR 208

AMS 370 CIVIL RTS MOV FROM COMP PERSP
Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. meets with HIS 350R (TOPIC 35), AFR 374D (TOPIC 18).
• 31200 W 300 - 600P JES A209A GREEN, L

COASTAL COMMUN IN EARLY AMER
Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. meets with HIS 350R (TOPIC 1).
• 31205 TTH 200 - 330P BEN 1.124 KAMIL, N

HIST BLACK ENTREPREN IN US
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. Topic title: History of black entrepreneurship in the United States. Partially fulfills the legislative requirement for American history. Additional prerequisite: Six semester

course	unique	days	time	room	instructor

hours of coursework in history. meets with AFR 374D (TOPIC 2), HIS 350R (TOPIC 12).

• 31210	TTH	200 - 330P	GAR 2.128	WALKER, J

LATINA/O SPIRITUALITY

Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. meets with MAS 374.

• 31215	MWF	200 - 300P	CMA 5.190	GONZALEZ-MARTIN, R

PUERTO RICO IN CRISIS

Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. meets with MAS 374, AFR 374E, HIS 363K.

• 31220	TTH	330 - 500P	PAR 304	JIMENEZ, M

RETHNKNG 1950S REBLS/REJCTS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic.

• 31225	MWF	100 - 200P	BUR 436A	GUTTERMAN, L

1-AMER CUL HIST ALCHL/DRUGS

Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Study of the American use and perception of drugs, including alcohol, and how they have changed over time. Examines significant shifts in American attitudes toward individualism and social control. American Studies 370 (Topic 1) and History 350R (Topic 5) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. same as HIS 350R (TOPIC 5).

• 31230	TTH	1100 - 1230P	BUR 436A	SMITH, M

26-AMERICAN FOOD

Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Studies diverse American food cultures from a humanities perspective, exploring connections between global, national, and local communities. Uses scholarship in the field of food studies as well as cookbooks, novels, poetry, photographs, songs, documentaries, and oral histories to investigate the past and present of American food communities. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. same as WGS 345 (TOPIC 41).

• 31235	MW	1130 - 100P	BUR 436B	BENDELE, M

34-AMERICAN DISASTERS

Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Examines natural and human-made disasters as key turning points in American history. Engages with the politics of disasters, analyzing environmental contexts, grassroots activism, legislative policies, and approaches toward commemoration. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic.

• 31240	TTH	200 - 330P	BUR 436A	CORDOVA, C

35-AMER POPULAR CUL, 1682-PRES

Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Explores the evolution of American popular culture and its relationship to national consolidation, and at times, disunion, over the last 330 years. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. same as HIS 350R (TOPIC 19), WGS 340 (TOPIC 26).

• 31245	TTH	1230 - 200P	BUR 436A	DAVIS, J

43-LIT OF BLACK POLITICS

Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Examines the novels, plays, and critical essays of Ralph Ellison, James Baldwin, and Toni Morrison as works of democratic political theorizing and political engagement. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Literature of Black Politics), 374F (Topic 21), American Studies 370 (Topic: Literature of Black Politics), 370 (Topic 43), Core Texts and Ideas 345 (Topic: Literature of Black Politics), Western Civilization 320 (Topic: Literature of Black Politics). Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. same as AFR 374F (TOPIC 21).

• 31250	MW	1130 - 100P	GAR 3.116	MARSHALL, S

53-KEY WORKS IN AMER POP MUSIC

Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Examines individual songs as a means to understand larger trends in U.S.cultural history (including various Civil Rights movements, de-industrialization and economic dislocation, cultural polarization, anti-war movements and the backlash, etc.) with an emphasis on rock, pop, punk, rap, disco, and country music in the U.S. since 1945. Explores popular song through the lens of cultural studies, sociology, and history. American Studies 370 (Topic: Key Works in American Popular Music) and 370 (Topic 53) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic.

• 31255	MW	1130 - 100P	JGB 2.202	LEWIS, R

AMS 679HA HONORS TUTORIAL COURSE

Hour(s) to be arranged. Individual readings and conferences in connection with an original research paper. Prerequisite: For 679HA, upper-division standing and admission to the American Studies Honors Program; for 679HB, American Studies 679HA.

• 31260

AMS 385 CULTURAL HISTORY OF US TO 1865

Restricted enrollment; contact the department for permission to register for this class. An interdisciplinary cultural history survey of the United States. Prerequisite: Graduate standing and consent of the graduate adviser.

• 31265	M	200 - 500P	BUR 436B	THOMPSON, S

AMS 390 BLACK POLITICAL THOUGHT

Course number may be repeated for credit when the topics vary. Research on selected topics in American studies. Prerequisite: Graduate standing and consent of the graduate adviser. meets with AFR 381.

• 31270	M	200 - 500P	MEZ 1.104	MARSHALL, S

SECOND WAVE FEMINISM NOW

Course number may be repeated for credit when the topics vary. Research on selected topics in American studies. Prerequisite: Graduate standing and consent of the graduate adviser. meets with WGS 393.

• 31275	TH	200 - 500P	BUR 436B	MICKENBERG, J

AMS 391 IMMIGRATION GER/US

Course number may be repeated for credit when the topics vary. Reading or research seminar on topics relevant to American studies. Prerequisite: Graduate standing and consent of the graduate adviser. meets with GER 382M.

• 31280	TTH	200 - 330P	BUR 232	LAUBENTHAL, B

PERFORMING BLACKNESS

Course number may be repeated for credit when the topics vary. Reading or research seminar on topics relevant to American studies. Prerequisite: Graduate standing and consent of the graduate adviser. meets with T D 387D, AFR 387D, WGS 393.

• 31285	W	1200 - 300P	GWB 1.138	THOMPSON, L

TECHNOLOGY AND CULTURE

Course number may be repeated for credit when the topics vary. Reading or research seminar on topics relevant to American studies. Prerequisite: Graduate standing and consent of the graduate adviser.

• 31290	F	100 - 400P	CMA 5.130	STROVER, S

AMS 392 CONFERENCE COURSE IN AMER STDS

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individual directed readings and conferences on selected problems or topics in American studies. Prerequisite: Graduate standing and consent of the graduate adviser.

• 31295

AMS 393 INTRO READINGS IN AMER STUDIES

Seminar designed to acquaint the graduate student with the nature and extent of materials for interdisciplinary research on American culture. Prerequisite: Graduate standing and consent of the graduate adviser.

• 31300	W	200 - 500P	BUR 436B	MEIKLE, J

AMS 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in American studies and consent of the graduate adviser; for 698B, American Studies 698A.

• 31305

AMS 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in American studies and consent of the graduate adviser; for 698B, American Studies 698A.

• 31310

AMS 398R MASTER'S REPORT

Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in American studies and consent of the graduate adviser.

• 31315

AMS 399R DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 31320

AMS 699R DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 31325

AMS 999R DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 31330

AMS 399W DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: American Studies 399R, 699R, or 999R.

• 31335

AMS 699W DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: American Studies 399R, 699R, or 999R.

• 31340

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course	unique	days	time	room	instructor

AMS 999W DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: American Studies 399R, 699R, or 999R.

• 31345					

DEPARTMENT OF ANTHROPOLOGY

Anthropology - ANT
Science, Technology, and Society - STS

ANT 301 BIOLOGICAL ANTHROPOLOGY

Designed to accommodate 100 or more students. Introduction to the principles and the methods of biological (physical) anthropology. Overview of the study of human beings in an evolutionary context, our relationship to other primates, and to the rest of the natural world. Examines anatomical, behavioral, and genetic similaritiesand differences among living primates and basic mechanisms of the evolutionary process.

• 31400	TTH	1230 - 130P	FAC 21	REED, D
	W	800 - 1000	SAC 5.172	
• 31405	TTH	1230 - 130P	FAC 21	REED, D
	F	800 - 1000	SAC 5.172	
• 31410	TTH	1230 - 130P	FAC 21	REED, D
	M	900 - 1100	SAC 5.172	
• 31415	TTH	1230 - 130P	FAC 21	REED, D
	F	1200 - 200P	SAC 5.172	
• 31420	TTH	1230 - 130P	FAC 21	REED, D
	M	100 - 300P	SAC 5.172	
• 31425	TTH	1230 - 130P	FAC 21	REED, D
	W	100 - 300P	SAC 5.172	
• 31430	TTH	1230 - 130P	FAC 21	REED, D
	TH	200 - 400P	SAC 5.172	
• 31435	TTH	1230 - 130P	FAC 21	REED, D
	F	200 - 400P	SAC 5.172	
• 31440	TTH	1230 - 130P	FAC 21	REED, D
	M	300 - 500P	SAC 5.172	
• 31445	TTH	1230 - 130P	FAC 21	REED, D
	T	400 - 600P	SAC 5.172	
• 31450	TTH	1230 - 130P	FAC 21	REED, D
	TH	400 - 600P	SAC 5.172	
• 31455	TTH	1230 - 130P	FAC 21	REED, D
	M	500 - 700P	SAC 5.172	
• 31460	TTH	1230 - 130P	FAC 21	REED, D
	W	500 - 700P	SAC 5.172	
• 31465	TTH	1230 - 130P	FAC 21	REED, D
	T	600 - 800P	SAC 5.172	

BIOLOGICAL ANTHROPOLOGY-HONORS

Introduction to the principles and the methods of biological (physical) anthropology. Overview of the study of human beings in an evolutionary context, our relationship to other primates, and to the rest of the natural world. Examines anatomical, behavioral, and genetic similaritiesand differences among living primates and basic mechanisms of the evolutionary process.

• 31470	TTH	930 - 1100	SAC 5.172	KIRK, E

BIOLOGICAL ANTHROPOLOGY-WB

Hour(s) to be arranged. Introduction to the principles and the methods of biological (physical) anthropology. Overview of the study of human beings in an evolutionary context, our relationship to other primates, and to the rest of the natural world. Examines anatomical, behavioral, and genetic similaritiesand differences among living primates and basic mechanisms of the evolutionary process. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.

• 31475				KAPPELMAN, J

ANT 302 CULTURAL ANTHROPOLOGY

Designed to accommodate 100 or more students. The concept of culture; social and political organization; language; thesupernatural; elementary cultural theory.

• 31480	MW	900 - 1000	BEL 328	HARTIGAN, J
	W	800 - 900	SAC 4.118	
• 31485	MW	900 - 1000	BEL 328	HARTIGAN, J
	F	1100 - 1200	SAC 4.118	
• 31490	MW	900 - 1000	BEL 328	HARTIGAN, J
	M	100 - 200P	SAC 4.118	
• 31495	MW	900 - 1000	BEL 328	HARTIGAN, J
	W	100 - 200P	SAC 4.118	
• 31500	MW	900 - 1000	BEL 328	HARTIGAN, J
	F	100 - 200P	SAC 4.118	
• 31505	MW	900 - 1000	BEL 328	HARTIGAN, J
	W	400 - 500P	SAC 4.118	
• 31510	MW	300 - 400P	GAR 0.102	SLOTTA, J
	F	800 - 900	SAC 4.118	
• 31515	MW	300 - 400P	GAR 0.102	SLOTTA, J
	F	1000 - 1100	SAC 4.118	
• 31520	MW	300 - 400P	GAR 0.102	SLOTTA, J
	F	1200 - 100P	SAC 4.118	
• 31525	MW	300 - 400P	GAR 0.102	SLOTTA, J
	T	330 - 430P	SAC 4.118	
• 31530	MW	300 - 400P	GAR 0.102	SLOTTA, J
	TH	330 - 430P	SAC 4.118	
• 31535	MW	300 - 400P	GAR 0.102	SLOTTA, J
	M	400 - 500P	SAC 4.118	

CULTURAL ANTHROPOLOGY

The concept of culture; social and political organization; language; thesupernatural; elementary cultural theory. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.

• 31540	MW	400 - 530P		STURM, C

ANT 304 INTRO ARCHAEOL STDS: PREHIST

Anthropological study of prehistory, from human beginnings to the appearance of written records.

• 31545	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	F	900 - 1000	SAC 4.174	
• 31550	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	F	1000 - 1100	SAC 4.174	
• 31555	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	F	1100 - 1200	SAC 4.174	
• 31560	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	F	1200 - 100P	SAC 4.174	
• 31565	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	F	100 - 200P	SAC 4.174	
• 31570	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	T	200 - 300P	SAC 4.174	
• 31575	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	TH	200 - 300P	SAC 4.174	
• 31580	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	F	200 - 300P	SAC 4.174	
• 31585	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	M	300 - 400P	SAC 4.174	
• 31590	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	T	300 - 400P	SAC 4.174	
• 31595	MW	1000 - 1100	JGB 2.324	VALDEZ, F
	W	300 - 400P	SAC 4.174	

ANT 304T INTRO TO TEXAS ARCHAEOLOGY

Designed to accommodate 100 or more students. Introduces students to Texas archaeology through lectures, interactive virtual labs, and hands-on laboratory sections that emphasize experimentation. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.

• 31600	MW	100 - 230P		WADE, M

ANT 305 EXPRESSIVE CULTURE

How cultural assumptions affect how we tell and respond to different kinds of stories, including fairy tales, movies, and televised news.

• 31605	MW	900 - 1000	CLA 0.112	
	F	800 - 900	JES A215A	
• 31610	MW	900 - 1000	CLA 0.112	
	F	900 - 1000	JES A203A	
• 31615	MW	900 - 1000	CLA 0.112	
	F	1000 - 1100	JES A218A	
• 31620	MW	900 - 1000	CLA 0.112	
	F	1100 - 1200	JES A218A	

ANT 307 CULTURE AND COMMUNICATION

An introduction to the study of culture through communication and the theory of signs. Only one of the following may be counted: Anthropology 307, Linguistics 312 (Topic: Culture and Communication), 312C. same as LIN 312C.

• 31625	MWF	200 - 300P	GSB 2.124	KEATING, E

ANT 310L AFRICAN AMERICAN CULTURE

Course number may be repeated for credit when the topics vary. meets with AFR 301, AMS 315.

• 31630	MWF	1100 - 1200	CAL 100	JONES, J

5-INTRODUCTION TO SOUTH ASIA

Course number may be repeated for credit when the topics vary. Introduction to Indian and south Asian civilization, past and present, including religion, literature, arts, philosophy, and history. Only one of the following may be counted: Anthropology 310L (Topic 5), Asian Studies 302K, History 306N (Topic: Introduction to India). same as ANS 302K.

• 31635	MWF	900 - 1000	WCH 4.118	

ANT 314C INTRO MESOAMERICAN ARCHAEOL

Introduction to ancient Mesoamerica from the time of emerging social inequality in the formative period until the Spanish conquest of Mexico-Tenochtitlan in the sixteenth century. Only one of the following may be counted: Anthropology 310L (Topic 1: Introduction to Mesoamerican Archaeology), 314C, Latin American Studies 310 (Topic 3: Introduction to Mesoamerican Archaeology), 315 (Topic 2). same as LAS 315 (TOPIC 2).

• 31640	TTH	330 - 500P	SAC 4.174	RODRIGUEZ, E

ANT 320L 9-GERMAN LANG: HIST PERSPEC

Course number may be repeated for credit when the topics vary. Relationship of language to culture and society, and of folk classifications to principles of social organization and cognition. Only one of the following may be counted: Anthropology 320L

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(Topic 8: German and English: Historical Perspectives), 320L (Topic 9), Classical Civilization 348 (Topic 8: German and English: Historical Perspectives), 348 (Topic 9: The German Language: Historical Perspectives), German 369 (Topic 4), Germanic Civilization 327E (Topic 9: German and English: Historical Perspectives), Linguistics 373 (Topic 8: German and English: Historical Perspectives), 373 (Topic 9). Prerequisite: Varies with the topic. Additional prerequisite: Three semester hours of upper-division coursework in German or Linguistics. same as GER 369 (TOPIC 4), LIN 373 (TOPIC 9). also meets with GER 369 (TOPIC 1).
• 31645 TTH 1230 - 200P BUR 337 PIERCE, M

14-TALK, TEXT, GOD
Course number may be repeated for credit when the topics vary. Relationship of language to culture and society, and of folk classifications to principles of social organization and cognition. Introduction to the anthropological study of Christianity, particularly in colonial and post-colonial settings. Only one of the following may be counted: Anthropology 320L (Topic: Talk, Text, and God), 320L (Topic 14), Religious Studies 373 (Topic: Talk, Text, and God). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 31650 TTH 200 - 330P SAC 4.118 HANDMAN, C

ANT 322M 3-NATV AMER CUL GREATER STHWST
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as AMS 321 (TOPIC 1). also meets with AMS 321.
• 31655 TTH 930 - 1100 SAC 4.118 WEBSTER, A

10-MEXICAN AMER INDIG HERITAGE
Course number may be repeated for credit when the topics vary. The prehistory, history, and contemporary racial understanding of Mexican Americans. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as MAS 374 (TOPIC 23). also meets with LAS 324L.
• 31660 TTH 930 - 1100 CLA 0.112 MENCHACA, M

ANT 324L ANTHROPOL OF THE HIMALAYAS
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. meets with ANS 361 (TOPIC 27), AAS 330.
• 31665 TTH 200 - 330P CLA 0.122 HINDMAN, H

ART & ARCHAEOL OF ANCIENT PERU
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. meets with LAS 327 (TOPIC 6).
• 31670 MWF 1000 - 1100 DFA 2.204 RUNGGALDIER, A

BIOMEDICINE, ETHICS, & CULTURE
Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. meets with ANS 361 (TOPIC 29), R S 373M.
• 31675 MWF 900 - 1000 BUR 208 TRAPHAGAN, J

CONTEMP AFRICAN POP CULTURE
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. meets with AFR 372G, WGS 340.
• 31680 MWF 200 - 300P CLA 1.104 LIVERMON, X

DAILY LIFE IN MESOAMERICA
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. meets with LAS 324L.
• 31685 TTH 200 - 330P CLA 0.112 RODRIGUEZ, E

ENVIRONMENTAL ANTHROPOLOGY
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic.
• 31690 MW 100 - 200P UTC 3.112 CONS, J
M 800 - 900 SAC 4.118
• 31695 MW 100 - 200P UTC 3.112 CONS, J
T 800 - 900 SAC 4.118
• 31700 MW 100 - 200P UTC 3.112 CONS, J
TH 800 - 900 SAC 4.118
• 31705 MW 100 - 200P UTC 3.112 CONS, J
F 300 - 400P SAC 4.118

GLOBALIZATION IN LATIN AMER
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. meets with LAS 324L.
• 31710 MW 1000 - 1130 SAC 4.118 CANOVA, P

HIV/AIDS ACTIVISM/HEAL ARTS
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. meets with AFR 374E, WGS 335.
• 31715 TTH 200 - 330P PAR 203 GILL, L

MUSLIM WOMEN IN POLITICS
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. meets with R S 358 (TOPIC 19), ISL 372 (TOPIC 23), WGS 340 (TOPIC 56).
• 31720 TTH 1230 - 200P SHIRAZI, F

3-PRIMITIVE TECHNOLOGY
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing.
• 31725 M 300 - 600P SAC 4.174 VALDEZ, F

7-INTRO TO AFRICAN PREHISTORY
Course number may be repeated for credit when the topics vary. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as AFR 322.
• 31730 TTH 1230 - 200P SAC 4.118 DENBOW, J

33-GIS/REM SNS ARCHAEOL/PALEO
Course number may be repeated for credit when the topics vary. Designed to give students interested in the fields of archaeology, physical anthropology, and paleontology a foundation in the use of geographical information systems (GIS) and the analysis of remotely sensed data from satellites and aerial photographs. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 356T (TOPIC 3).
• 31735 TTH 930 - 1100 CLA 1.402 REED, D

39-THEORIES OF ARCHAEOLOGY
Course number may be repeated for credit when the topics vary. The history of archaeological thought, including the major theoretical trends that have shaped the discipline over time. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic.
• 31740 TTH 930 - 1100 SAC 4.174 FRANKLIN, M

45-QUEER ETHNOGRAPHIES
Course number may be repeated for credit when the topics vary. Anthropological analysis of gender and sexuality that critically evaluates formative concepts and theories that have been subject to recent debates within anthropology, gender studies, and queer theory. Some topics partially fulfill legislative requirement for American history. Only one of the following may be counted: Anthropology 324L (Topic: Queer Ethnographies), 324L (Topic 45), Women's and Gender Studies 340 (Topic: Queer Ethnographies), 340 (Topic 58). Prerequisite: Varies with the topic. same as WGS 340 (TOPIC 58).
• 31745 TTH 1100 - 1230P SAC 4.118 MERABET, S

ANT 325L JEWISH FOLKLORE
Course number may be repeated for credit when the topics vary. Consideration of folklore in different culture areas of the Western Hemisphere. Prerequisite: Varies with the topic. meets with R S 357, J S 363, GSD 360, REE 325.
• 31750 TTH 1230 - 200P GDC 5.304 GOTTESMAN, Y

UT JEWS IN THE CIVIL RIGHTS ER
Course number may be repeated for credit when the topics vary. Consideration of folklore in different culture areas of the Western Hemisphere. Prerequisite: Varies with the topic. meets with J S 364.
• 31755 TTH 1230 - 200P SAC 4.120 SERIFF, S

15-PRACTICES OF LOOKING
Course number may be repeated for credit when the topics vary. Consideration of folklore in different culture areas of the Western Hemisphere. Develops methodological and analytic tools for the examination of visual culture. Anthropology 325L (Topic: Practices of Looking) and 325L (Topic 15) may not both be counted. Prerequisite: Varies with the topic.
• 31760 MW 230 - 400P SAC 4.118 CAMPBELL, C

18-ETHNOGRAPHIES OF EMOTION
Course number may be repeated for credit when the topics vary. Consideration of folklore in different culture areas of the Western Hemisphere. Writing workshop with subjects including place, character, objects, subjects, cultural forms, everyday life, and feeling states or structures such as trauma, love, hope, depression, the even keel, and melodrama. Explores how to articulate structures of feeling with models of culture and the self and examines and experiments with modes of ethnographic attention, the importance of the telling detail and methods of participant observation. Only one of the following may be counted: Anthropology 324L (Topic: Ethnographies of Emotion), 325L (Topic: Ethnographies of Emotion), 325L (Topic 18). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 31765 F 300 - 600P SAC 5.118 STEWART, K

ANT 326F GREAT DISCOVS IN ARCHAEOLOGY
The stories, myths, and people behind some of the great archaeological discoveries. Only one of the following may be counted: Anthropology 324L (Topic: Great Discoveries in Archaeology), Anthropology 326F, European Studies 346 (Topic 2). Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 2).
• 31770 MW 300 - 430P CLA 0.112 WADE, M

ANT 326L CULTURES IN CONTACT
History of the interactions of the indigenous peoples of the Americas with Africans, Asians, and Europeans over the past five hundred years. Prerequisite: Upper-division standing. meets with LAS 324L.
• 31775 TTH 1100 - 1230P CLA 0.112 COVEY, R

ANT 432L PRIMATE ANATOMY
Comparative and functional anatomy of primates, including humans; emphasis on adaptations and evolution of the various taxa. Prerequisite: Anthropology 301.
• 31780 TTH 1100 - 1230P SAC 5.172 SHAPIRO, L
T 200 - 400P SAC 5.172

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course	unique	days	time	room	instructor

ANT 346M COMPARATIVE PRIMATE ECOLOGY
The basics of how organisms interact with their environment, focusing ona wide range of primates from a comparative perspective. Discusses how various aspects of ecology are used to conserve primate populations. Prerequisite: Anthropology 301.
• 31785 MWF 1100 - 1200 SAC 5.172 LEWIS, R

ANT 348K 8-EVOL ANATOMY OF HEAD & NECK
Course number may be repeated for credit when the topics vary. An in-depth study of current topics, controversies, and literature on the evolution, morphology, genetics, and behavioral ecology of primates,including humans. The comparative and functional anatomy of the head and neck in primates and other mammals. Prerequisite: Anthropology 301.
• 31790 TTH 1230 - 200P SAC 5.172 KIRK, E

ANT 453 ARCHAEOLOGICAL ANALYSIS
Additional hour(s) to be arranged. Derivation of chronology and cultural information from archaeological data; the role of archaeology in modern life. Prerequisite: Anthropology 304.
• 31795 MW 100 - 300P SAC 4.174 VALDEZ, F

ANT 353E ARCHAEOLOGICAL LAB ANALYSIS
The analysis of artifacts, features, architecture, and other remains recovered in the field. Anthropology 324L (Topic: Archaeological Laboratory Analysis) and 353E may not both be counted. Prerequisite: Anthropology 662.
• 31800 TTH 1100 - 130P SAC 4.174 FRANKLIN, M

ANT 366 ANAT/BIO HUMAN SKELETON-WB
Hour(s) to be arranged. Comprehensive study of the human skeleton, with special attention to methods of identification. Prerequisite: Upper-division standing and Anthropology 301. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.
• 31805 KAPPELMAN, J

ANT 376P RESEARCH INTERNSHIP
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised fieldwork in a business or community setting related to the student's career and research interests. Students conduct research and apply anthropological skills to real-world problems. May be repeated for credit, but no more than six semester hours may be counted toward the major requirement. Restricted to anthropology majors. Prerequisite: Upper-division standing and consent of instructor.
• 31810

ANT 379 PROBLEMS IN ANTHROPOLOGY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual research on selected problems in anthropology. Prerequisite: Six semester hours of upper-division coursework in anthropology and consent of instructor.
• 31815

ANT 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. For honors candidates in anthropology. Prerequisite: For 679HA, admission to the Anthropology Honors Program; for 679HB, Anthropology 679HA.
• 31820

ANT 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. For honors candidates in anthropology. Prerequisite: For 679HA, admission to the Anthropology Honors Program; for 679HB, Anthropology 679HA.
• 31825

ANT 380K ARCH/ETHN CONTACT PD LAT AM
Course number may be repeated for credit when the topics vary. A major category of archaeological topics in which the emphasis is on anthropological theory pertinent to archaeological data and its interpretation. Prerequisite: Graduate standing and consent of instructor. Topic title: Archaeology and Ethnohistory Contact Period Latin America. meets with LAS 391.
• 31830 TH 200 - 500P SAC 4.120 COVEY, R

WRITING ARCHAEOLOGY
Course number may be repeated for credit when the topics vary. A major category of archaeological topics in which the emphasis is on anthropological theory pertinent to archaeological data and its interpretation. Prerequisite: Graduate standing and consent of instructor.
• 31835 TH 900 - 1200 SAC 5.124 RODRIGUEZ, E

ANT 382N GEO-ARCHAEOL AND ENVIR HISTORY
Restricted enrollment; contact the department for permission to register for this class. Long-term ecology as reconstructed from settlement and land-use histories. Empirical case studies in environmental history from the Mediterranean region, the Near East, and Mesoamerica. Applications to degradation, desertification, sustainability, and global change. Only one of the following may be counted: Anthropology 382N, Geography 356C, 382K. Prerequisite: Graduate standing. same as GRG 382K.
• 31840 W 100 - 400P CLA 3.102 BEACH, T

ANT 388 ANTHRO GENETICS RESRCH MTHD
Course number may be repeated for credit when the topics vary. Constitutes one of two principal categories of courses in biological anthropology covering substantive studies in primate behavior, primate anatomy and evolution, human evolution, and growth and development. Prerequisite: Graduate standing and consent of instructor.
• 31845 F 1200 - 300P SAC 5.124 BOLNICK, D

GIS FOR ANTHROPOLOGY
Course number may be repeated for credit when the topics vary. Constitutes one of two principal categories of courses in biological anthropology covering substantive studies in primate behavior, primate anatomy and evolution, human evolution, and growth and development. Prerequisite: Graduate standing and consent of instructor.
• 31850 T 200 - 500P CLA 1.404 REED, D

7-HUMAN EVOLUTION
Course number may be repeated for credit when the topics vary. Constitutes one of two principal categories of courses in biological anthropology covering substantive studies in primate behavior, primate anatomy and evolution, human evolution, and growth and development. Prerequisite: Graduate standing and consent of instructor.
• 31855 W 900 - 1200 SAC 5.124 REED, D

ANT 391 ANTHROPOLOGY AND SPORTS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 31860 TH 900 - 1200 SAC 4.120 KEELER, W

MARKETING LATINIDAD
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with MAS 392.
• 31865 MWF 1000 - 1100 GWB 1.138 GONZALEZ-MARTIN, R

NATURE, CULTURE, AND POWER
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 31870 TH 100 - 400P SAC 5.118 CONS, J

NEOLBRLSM, INDIG PPLS/STATE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with ANT 391.
• 31875 W 100 - 400P SAC 5.118 CANOVA, P

NON-HUMAN AGENCY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with LAS 391, R S 383C.
• 31880 TH 300 - 600P BUR 554 CROSSON, J

ORAL TRADITIONS AND HISTORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with LAS 391, MAS 392.
• 31885 T 200 - 500P SAC 5.118 MENCHACA, M

RSCH & GRANT PROPOSAL WRITING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 31890 T 1200 - 300P SAC 4.120 STURM, C

STATE TERRITORY SOVEREIGNTY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with ANT 391.
• 31895 W 100 - 400P SAC 5.118 CONS, J

ANT 392G ANTHROLAB
Anthropology 392G and 392Q may not both be counted. Prerequisite: Graduate standing.
• 31900 M 200 - 500P SAC 5.118 STEWART, K

ANT 392K INTRO TO GRADUATE ARCHAEOLOGY
Core course. Prerequisite: Graduate standing.
• 31905 T 200 - 500P SAC 4.120 DENBOW, J

ANT 392L PHYS ANTHRO: MORPH/EVOLUTION
Core course for physical anthropology students. Prerequisite: Graduate standing.
• 31910 TH 100 - 400P SAC 5.124 SHAPIRO, L

ANT 392M INTRO TO GRAD SOCIAL ANTHRO
Core course. Prerequisite: Graduate standing.
• 31915 T 200 - 500P SAC 5.124 MERABET, S

ANT 393 CONVERSATION ANALYSIS
Course number may be repeated for credit when the topics vary. Training and individual research in subjects concerning the relations between language and culture. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with LIN 392.
• 31920 W 900 - 1200 SAC 5.118 KEATING, E

LANG, PLACE, AND EMPLACEMEMENT
Course number may be repeated for credit when the topics vary. Training and individual research in subjects concerning the relations between language and culture. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 31925 T 200 - 500P SAC 4.114 WEBSTER, A

NETWORKS, SPHERES, & BROAD
Course number may be repeated for credit when the topics vary. Training and individual research in subjects concerning the relations between language and culture. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 31930 T 900 - 1200 SAC 5.124 HANDMAN, C

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course	unique	days	time	room	instructor

ANT 394M CRITICAL MEDIA PRACTICES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 31935 F 900 - 1200 SAC 4.120 CAMPBELL, C

CURR ETHNOGRAPHY: METHS/THRYS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 31940 T 100 - 400P SAC 5.118 HARTIGAN, J

TECHNOCULTURE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 31945 M 100 - 400P SAC 5.124 HARTIGAN, J

30-AFFECT
Course number may be repeated for credit when the topics vary. A survey of theories of affect, including those of Freud, Foucault, and Deleuze, feminist theory, phenomenology, globalization theory, and ethnography. Anthropology 394M (Topic: Affect) and 394M (Topic 30) may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 31950 M 900 - 1200 SAC 5.118 STEWART, K

ANT 397 CONF COURSE IN ANTHROPOLOGY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction for graduate students on specialized problems of advanced research. Prerequisite: Graduate standing and consent of instructor.
• 31955

ANT 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in anthropology and consent ofthe graduate adviser; for 698B, Anthropology 698A.
• 31960

ANT 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in anthropology and consent ofthe graduate adviser; for 698B, Anthropology 698A.
• 31965

ANT 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in anthropology and consent of the graduate adviser.
• 31970

ANT 398T SUPV TEACHING IN ANTHROPOLOGY
Offered on the credit/no credit basis only. Prerequisite: Graduate standing.
• 31975 W 900 - 1200 SAC 4.120 FRANKLIN, M

ANT 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 31980

ANT 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 31985

ANT 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 31990

ANT 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Anthropology 399R, 699R, or 999R.
• 31995

ANT 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Anthropology 399R, 699R, or 999R.
• 32000

ANT 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Anthropology 399R, 699R, or 999R.
• 32005

DEPARTMENT OF MILITARY SCIENCE

Military Science - M S

M S 000 LEADERSHIP LABORATORY
Leadership responsibilities for planning, coordination, execution, and evaluation of training and other activities. Self-confidence and team-building leadership skills that can be applied throughout life. Required of all military science students. Open only to students in associated military science courses. Prerequisite: Concurrent enrollment in another military science course.
• 32060 TH 330 - 630P CLA 0.126 O'NEILL, M

M S 304 AMER MLTRY HIST: 1775-PRSNT
Covers development of American Profession of Arms from a "dual military tradition" evaluating military leadership at the tactical, operational, and strategic levels of war. Explores ways in which Industrial Revolution transformed the United States and other societies organized armed violence.
• 32065 MWF 800 - 900 CLA 5.410 HAMBLET, H

M S 209 BASIC MILITARY SCIENCE I-A
Additional hour(s) to be arranged. Military Science 101, 201 and 209 may not both be counted. Prerequisite: Concurrent Enrollment in Military Science 000.
• 32070 MW 1000 - 1100 CLA 5.410 SHUMPERT, E

M S 219 BASIC MILITARY SCIENCE II-A
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Military Science 210 and 219 may not both be counted. Prerequisite: Concurrent enrollment in Military Science 000.
• 32075 MW 100 - 200P CLA 5.410 SHUMPERT, E

M S 329 ADVANCE MILITARY SCIENCE III-A
Offered on the letter-grade basis only. Military Science 320 and 329 may not both be counted. Prerequisite: Concurrent enrollment in Military Science 000 and approvalof departmental representative.
• 32080 TTH 200 - 330P CLA 5.410 SHUMPERT, E

M S 339 ADVANCE MILITARY SCIENCE IV-A
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Military Science 339 and 375 may not both be counted. Prerequisite: Concurrent enrollment in Military Science 000 and approvalof departmental representative.
• 32085 MWF 900 - 1000 CLA 5.410 O'NEILL, M

M S 379 ADVANCED MILITARY SCIENCE V-A
Offered on the letter-grade basis only. Advanced study of planning, executing, and assessing complex operations. Composed primarily of independent study, cadets are given opportunities to plan and execute events, assess risk, make ethical decisions, and lead fellow ROTC cadets. Prerequisite: Concurrent enrollment in Military Science 000.
• 32090 TTH 800 - 930 CLA 5.410 O'NEILL, M

CENTER FOR ASIAN AMERICAN STUDIES

Asian American Studies - AAS

AAS 310 1-PSY PERSP ASIAN AMER IDENT
Course number may be repeated for credit when the topics vary. An introduction to Asian American studies through a variety of disciplines. Examines the unique culturally-influenced psychologies of various Asian American groups, including such concepts as identity formation, enculturation, assimilation and resistance, and racial and psychological normativity. Only one of the following may be counted: American Studies 315 (Topic: Psychological Perspectives on Asian American Identity), Asian American Studies 310 (Topic: Psychological Perspectives on Asian American Identity), 310 (Topic 1). Prerequisite: Varies with the topic. meets with AMS 315.
• 32145 MWF 1000 - 1100 BHALODIA, A

5-RACE, IMMIGRATION & FAMILY
Course number may be repeated for credit when the topics vary. An introduction to Asian American studies through a variety of disciplines. Introduction to family systems in the United States in a post-WWII framework with a central focus on Asian Americans. Students will investigate how gender, race, and ethnicity intersect and inform our understanding of the institution of the family. Only one of the following may be counted: American Studies 315 (Topic: Alternative Family Systems), 315 (Topic 3), Asian American Studies 310 (Topic: Alternative Family Systems), 310 (Topic 5), Women's and Gender Studies 301 (Topic: Alternative Family Systems), 301 (Topic 24). Prerequisite: Varies with the topic. same as AMS 315 (TOPIC 3), WGS 301 (TOPIC 24).
• 32150 MWF 100 - 200P CMA 5.190 GUNASENA, N

6-ASIAN AMERICAN FILM HISTORY
Course number may be repeated for credit when the topics vary. An introduction to Asian American studies through a variety of disciplines. Only one of the following may be counted: American Studies 315 (Topic: Asian American Film History), American Studies 315 (Topic 7), Asian American Studies 310 (Topic: Asian American Film History), Asian American Studies 310 (Topic 6), Radio-Television-Film 301N (Topic: AsianAmerican Film History). Prerequisite: Varies with the topic. same as AMS 315 (TOPIC 7). also meets with RTF 301N.
• 32155 TTH 1100 - 1230P CLA 1.102 NAULT, C

AAS 312 INTRO TO ASIAN AMERICAN HIST
Introduces students to the national and transnational histories of AsianAmericans in the United States. Explores a wide range of themes related to the Asian American experience. Asian American Studies 312 and History 317L (Topic 4) may not both be counted. same as HIS 317L (TOPIC 4).
• 32160 TTH 200 - 330P BUR 216 HSU, M

AAS 314 ASIAN AMERICAN LIT & CULTURE
Designed to accommodate 35 or fewer students. Explores how authors and artists over the course of the past century have imagined what it means to be Asian American. Covers a diverse range of Asian immigrant histories and the formation of Asian American identities according to ethnicity, gender, sexuality, class, and citizenship.

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Prerequisite: English 603A, Rhetoric and Writing 306, 306Q, or Tutorial Course 603A. same as E 314V (TOPIC 2).
• 32165 TTH 1230 - 200P GAR 2.128 MISHRA, A

AAS 318Q SUPERVISED RESEARCH
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised, student-derived research in Asian American studies. May be repeated for credit when the research projects vary. For Asian American studies majors only. Prerequisite: Rhetoric and Writing 306 and consent of the director of the Center for Asian American Studies.
• 32170

AAS 320 INDIAN CINEMA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with RTF 342S (TOPIC 2).
• 32175 TTH 200 - 330P CMA 3.124 KUMAR, S
T 730 - 1000P CMA 3.116

4-ASIAN AMERICAN MEDIA CULS
Course number may be repeated for credit when the topics vary. Examines popular and critical roles, representations, and politics of Asian Americans in U.S. media including Hollywood cinema, U.S. network and cable television, Asian American independent film, and online media. Only one of the following may be counted: Asian American Studies 320 (Topic: Asian American Media Cultures), Asian American Studies 320 (Topic 4), Radio-Television-Film 359 (Topic: Asian American Media Cultures), Radio-Television-Film 359 (Topic 3). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as RTF 359 (TOPIC 3).
• 32180 MWF 1100 - 1200 BMC 3.206 MALLAPRAGADA, M

6-DOCUMENTING DIFFERENCE
Course number may be repeated for credit when the topics vary. Explores the theory, history, practice and poetics of minority documentary, as well as the related fields of oral history and archivingwith a particular emphasis on Asian American examples. Only one of the following may be counted: Asian American Studies 320 (Topic: Documenting Difference), Asian American Studies 320 (Topic 6), Radio-Television-Film 359S (Topic: Documenting Difference). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. meets with RTF 359S.
• 32185 TTH 1230 - 200P PAR 208 NAULT, C

AAS 325 9-SOUTH ASIAN MIGRATION TO US
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Examines the South Asian diaspora in the United States. Only one of the following may be counted: Asian American Studies 325 (Topic: South Asian Migration to the United States), Asian American Studies 325 (Topic 9), Asian Studies 372 (Topic: South Asian Migration to the United States), Asian Studies (Topic 43), History 365G (Topic: South Asian Migration to the United States), History 365G (Topic 14), Women and Gender Studies 340 (Topic: South Asian Migration to the United States), Women and Gender Studies 340 (Topic 35). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as ANS 372 (TOPIC 43), HIS 365G (TOPIC 14), WGS 340 (TOPIC 35).
• 32189 MWF 1000 - 1100 BUR 134 BHALODIA, A

AAS 330 ANTHROPOL OF THE HIMALAYAS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ANT 324L, ANS 361 (TOPIC 27).
• 32190 TTH 200 - 330P CLA 0.122 HINDMAN, H

4-SOCIOLOGY OF RACE AND WORK
Course number may be repeated for credit when the topics vary. Critical examination of work in the United States over the twentieth and twenty-first centuries through a gendered, Asian American lens, using a comparative race perspective. Subjects include the sociological examination of concepts such as labor markets, globalization, care work, and gender/racial segregation in the workplace along with the ways race and gender shape how and where individuals are fitted into the workplace, how skills are evaluated, and how labor markets emerge. Only one of the following may be counted: Asian American Studies 330 (Topic: Sociology of Race and Work), 330 (Topic 4), Sociology 321K (Topic: Sociology of Race and Work), 321R, Women's and Gender Studies 322 (Topic: Sociology of Race and Work), 322 (Topic 6). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as SOC 321R, WGS 322 (TOPIC 6).
• 32195 MWF 1200 - 100P GEA 127 BHALODIA, A

AAS 358Q SUPERVISED RESEARCH
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised, student-derived research in Asian American studies. May be repeated for credit when the research projects vary. For Asian American studies majors only. Prerequisite: Upper-division standing, Rhetoric and Writing 306, and consent of the director of the Center for Asian American Studies.
• 32200

AAS 378 COMMUNITY INTERNSHIP
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised internship in a community, civic, or government organization or program that facilitates the economic, political, and social development of the Asian American community. Prerequisite: Upper-division standing and consent of the director of the Center for Asian American Studies.
• 32205

AAS 379 CONF CRS IN ASIAN AMER STUDIES
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study of selected problems in Asian American studies. Prerequisite: Upper-division standing and consent of the director of the Center for Asian American Studies.
• 32210

AAS 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by a semester of research and writing to produce a substantial paper on a specific topic in Asian American studies. Prerequisite: For 679HA, upper-division standing and admission to the Asian American Studies Honors Program; for 679HB, Asian American Studies679HA.
• 32215

AAS 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by a semester of research and writing to produce a substantial paper on a specific topic in Asian American studies. Prerequisite: For 679HA, upper-division standing and admission to the Asian American Studies Honors Program; for 679HB, Asian American Studies679HA.
• 32220

AAS 381 RACE AND MIGRATION
Course number may be repeated for credit when the topics vary. Theoretical and methodological training through key texts in Asian American studies. Prerequisite: Graduate standing, consent of instructor, and consent of the graduate adviser; additional prerequisites vary with the topic. meets with HIS 392.
• 32225 W 900 - 1200 GAR 2.124 HSU, M

AAS 391C CONFERENCE COURSE
Hour(s) to be arranged. May be repeated for credit. Designed to expand the graduate student's opportunity for individual consultation. Complements courses fulfilling the Asian American studies graduate portfolio. Prerequisite: Graduate standing and written consent of the instructor and graduate adviser; consent forms are available from the graduate coordinator.
• 32230

DEPARTMENT OF ASIAN STUDIES

Asian Studies - ANS
Bengali - BEN
Chinese - CHI
Hindi - HIN
Japanese - JPN
Korean - KOR
Malayalam - MAL
Pashto - PSH
Sanskrit - SAN
South Asian Languages - SAL
Tamil - TAM
Telugu - TEL
Urdu - URD
Vietnamese - VTN

ANS 301M 15-INTRODUCTION TO ISLAM
Course number may be repeated for credit when the topics vary. Discussion of various problems involving language, history, and culture in Asia. The beliefs, theology, history, and main social and legal institutions of Islam, including the concept of God and society, the role of women, and Islamic government and movements. Only one of the following may be counted: Asian Studies 301M (Topic 15),History 306N (Topic 7), Islamic Studies 310, Religious Studies 319. same as HIS 306N (TOPIC 7), ISL 310, R S 319.
• 32282 TTH 1100 - 1230P MEZ B0.306 MOIN, A

ANS 301R HISTORY OF RELIGIONS OF ASIA
Eastern religions: an introduction to the basic forms and the historical development of the religious traditions of India, China, and Japan. same as R S 302.
• 32285 MWF 900 - 1000 UTC 3.122 FREIBERGER, O

ANS 302C INTRODUCTION TO CHINA
Introduction to Chinese civilization, past and present, including religion, literature, arts, philosophy, and history. Only one of the following may be counted: Asian Studies 302C, History 302C, 306N (Topic: Introduction to China). same as HIS 302C.
• 32290 MWF 1100 - 1200 BUR 136 LAI, C

ANS 302D INTRO TO KOREAN CUL AND HIST
Introduction to Korea's history, culture, and civilization from antiquity to the present. Asian Studies 301M (Topic 10) and 302D may not both be counted.
• 32295 TTH 200 - 330P BUR 116 OPPENHEIM, R

ANS 302J INTRODUCTION TO JAPAN
Introduction to Japanese civilization, past and present, including religion, literature, arts, philosophy, and history.
• 32300 MWF 900 - 1000 CLA 0.128 FISCHER, K

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course	unique	days	time	room	instructor

ANS 302K INTRODUCTION TO SOUTH ASIA

Introduction to Indian and south Asian civilization, past and present, including religion, literature, arts, philosophy, and history. Only one of the following may be counted: Anthropology 310L (Topic 5), Asian Studies 302K, History 306N (Topic: Introduction to India). same as ANT 310L (TOPIC 5).

• 32305	MWF	900 - 1000	WCH 4.118	

ANS 322M POLITICS IN CHINA

Survey of twentieth-century China: historical trends; 1911 revolution; Warlord-Nationalist period; Communist revolution; post-1949 issues; new social and political institutions. Only one of the following may be counted: Asian Studies 322M, 361 (Topic: Politics in China), Government 322M. Prerequisite: Six semester hours of lower-division coursework in government. same as GOV 322M.

• 32310	MW	100 - 230P	SZB 330	LU, X

ANS 340 HINDUISM IN US POP CULTURE

Course number may be repeated for credit when the topics vary. Topics in the religions and mythologies of the peoples of Asia. Prerequisite: Varies with the topic.

• 32315	MW	230 - 400P	JES A205A	HYNE, A

NATURAL THEOLOGY EAST AND WEST

Course number may be repeated for credit when the topics vary. Topics in the religions and mythologies of the peoples of Asia. Prerequisite: Varies with the topic. meets with PHL 348.

• 32320	MWF	200 - 300P	WAG 308	PHILLIPS, S

ANS 346N INDIAN SUBCONTINENT, 1750-1950

Examines the cultural and political movements and events that led to formation of the two nation-states India and Pakistan. Asian Studies 346N and History 346N may not both be counted. Prerequisite: Upper-division standing. same as HIS 346N.

• 32325	TTH	1100 - 1230P	GDC 4.304	CHATTERJEE, I

ANS 361 STATE BUILD IN CHINA/TAIWAN

Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian anthropology, economics, history, geography, government, and sociology. Asian Studies 320 and 361 may not both be counted unless the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with GOV 365L.

• 32330	MW	230 - 400P		LU, X

URBAN EXPERIENCES IN EAST ASIA

Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian anthropology, economics, history, geography, government, and sociology. Asian Studies 320 and 361 may not both be counted unless the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with URB 354.

• 32335	TTH	1230 - 200P	MEZ 1.202	OH, Y

23-INTL RELS OF E/STHEAST ASIA

Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian anthropology, economics, history, geography, government, and sociology. An introduction to the international relations of East and Southeast Asia, with particular attention to postwar economic and security issues,the changing political landscape of the post-Cold War period, and the development and functions of regional institutions. Asian Studies 320 and 361 may not both be counted unless the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as GOV 365L (TOPIC 3).

• 32340	TTH	1230 - 200P	CLA 0.112	MACLACHLAN, P

25-CAPTL/CONSUM/CIV SOC KOREA

Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian anthropology, economics, history, geography, government, and sociology. Contemporary social and political life in urban South Korea, including such topics as corporations, factory work, consumption, activism, popular culture, and changing gender systems and roles. Asian Studies 320 and 361 may not both be counted unless the topics vary. Anthropology 324L (Topic: Capitalism, Consumption, and Civil Society in Korea) and Asian Studies 361 (Topic 25) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.

• 32345	TTH	500 - 630P	CLA 0.106	OPPENHEIM, R

27-ANTHROPOL OF THE HIMALAYAS

Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian anthropology, economics, history, geography, government, and sociology. Asian Studies 320 and 361 may not both be counted unless the topics vary. Anthropology 324L (Topic: Anthropology of the Himalayas) and Asian Studies 361 (Topic 27) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with ANT 324L, AAS 330.

• 32350	TTH	200 - 330P	CLA 0.122	HINDMAN, H

29-BIOMEDICINE, ETHICS, & CUL

Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian anthropology, economics, history, geography, government, and sociology. Examines ethical questions such as the allocation of medical resources, stem cell research and cloning, organ transplantation, abortion, human experimentation, prolonging life and the right to die, suicide, euthanasia, and diagnosis and treatment of illnesses, explored from a global perspective. Asian Studies 320 and 361 may not both be counted unless the topics vary. Only one of the following may be counted: Anthropology 324L (Topic: Biomedicine, Ethics, and Culture), Asian Studies 361 (Topic: Biomedicine, Ethics, and Culture), 361 (Topic 29), Religious Studies 373(Topic: Biomedicine, Ethics, and Culture), 373M. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as R S 373M. also meets with ANT 324L.

• 32355	MWF	900 - 1000	BUR 208	TRAPHAGAN, J

ANS 362 RESEARCH IN ASIAN STUDIES

Hour(s) to be arranged. May be repeated for credit. Individual instruction for Asian studies majors and nonmajors. Discussion, research, and the writing of papers about various general and specialized Asian subjects. Prerequisite: Six semester hours of coursework in Asian studies and written consent of instructor on form obtained from the undergraduate adviser.

• 32360

ANS 372 11-TALE OF FIVE CHINESE CITIES

Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian art, literature, music, and philosophy. Literary and cinematic texts about Beijing, Hong Kong, Nanjing, Shanghai, and Taipei exploring themes of modernization, migration, international relations, gender, and labor with an aim toward radically rethinking certain historical moments and the notion of Chineseness in an increasingly and culturally deterritorialized world. Asian Studies 372 (Topic: A Tale of Five Chinese Cities) and 372 (Topic 11) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing.

• 32365	TTH	1100 - 1230P	PAR 1	TSAI, C

43-SOUTH ASIAN MIGRATION TO US

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian art, literature, music, and philosophy. Examines the South Asian diaspora in the United States. Only one of the following may be counted: Asian American Studies 325 (Topic: South Asian Migration to the United States), Asian American Studies 325 (Topic 9), Asian Studies 372 (Topic: South Asian Migration to the United States), Asian Studies (Topic 43), History 365G (Topic: South Asian Migration to the United States), History 365G (Topic 14), Women and Gender Studies 340 (Topic: South Asian Migration to the United States), Women and Gender Studies 340 (Topic 35). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AAS 325 (TOPIC 9), HIS 365G (TOPIC 14), WGS 340 (TOPIC 35).

• 32367	MWF	1000 - 1100	BUR 134	BHALODIA, A

47-WOMEN/WEALTH IN SOUTH ASIA

Course number may be repeated for credit when the topics vary. Selected topics in south and east Asian art, literature, music, and philosophy. Addresses the questions surrounding poverty of South Asian women by combining legal, political and social histories of the subcontinent overfour centuries. Only one of the following may be counted: Asian Studies 372 (Topic: Women and Wealth in South Asia), 372 (Topic 47), History 350L (Topic: Women and Wealth in South Asia), 350L (Topic 94), Women's and Gender Studies 340 (Topic: Women and Wealth in South Asia), 340 (Topic 68). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as HIS 350L (TOPIC 94), WGS 340 (TOPIC 68).

• 32370	T	330 - 630P	GAR 2.128	CHATTERJEE, I

ANS 678HA HONORS TUTORIAL COURSE

Hour(s) to be arranged. Prerequisite: For 678HA, admission to the Asian Studies Honors Program; for 678HB, Asian Studies 678HA.

• 32375

ANS 379 9-ART OF AUTOBIOGRAPHY IN JPN

Course number may be repeated for credit when the topics vary. Examines autobiographies written by prominent artists and intellectuals in Japan from the tenth century to the present. Subjects include the authors' lives and legacies, and how these works are informed by both the historical and cultural contexts in which they were written and by the genre itself. All reading, writing, and discussion will be in English. Asian Studies 379 (Topic: Art of Autobiography in Japan) and 379 (Topic 9) may not both be counted. Prerequisite: For Asian studies majors, twelve semester hours of upper-division coursework in Asian studies; for others, upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing.

• 32380	MW	1130 - 100P	WCH 4.118	FISCHER, K

10-COMPARING RELIGIONS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A discussion of major comparative approaches in the study of religion. Only one of the following may be counted: Asian Studies 340 (Topic: Introduction to Comparative Religion), 340 (Topic 11), 379 (Topic 10), Religious Studies 373 (Topic: Introduction to Comparative Religion), 375S (Topic 2). Prerequisite: For Asian studies majors, twelve semester hours of upper-division coursework in Asian studies; for others, upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: For Asian studies majors, twelve semester hoursof upper-division coursework in Asian studies; for others, upper-division standing and at least six semester hours of coursework in religious studies. same as R S 375S (TOPIC 2).

• 32385	W	400 - 700P	PAR 103	FREIBERGER, O

ANS 380C CONF COURSE IN ASIAN STUDIES

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study of selected problems in Asian studies. Prerequisite: Graduate standing and written consent of instructor on form obtained from the graduate coordinator.

• 32390

course	unique	days	time	room	instructor

ANS 381 CONTEMPORARY CHINESE HISTORY
Course number may be repeated for credit when the topics vary. Study of various aspects and periods of Chinese culture and society. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with HIS 382N.

course	unique	days	time	room	instructor
ANS 381	32395	TH	330 - 630P	GAR 1.122	LI, H

ANS 384 EXPL DVRSTY: S ASIAN PAINTG
Course number may be repeated for credit when the topics vary. Study of various aspects and periods of South Asian culture and society. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Topic title: Exploring the diversity of painting in South Asia.

course	unique	days	time	room	instructor
ANS 384	32400	T	330 - 630P	DFA 4.102	LEOSHKO, J

8-BODY IN INDIAN MEDICINE/MYTH
Course number may be repeated for credit when the topics vary. Study of various aspects and periods of South Asian culture and society.Examines issues of embodiment in South Asia in various life stages, including conception, infancy, childhood, adulthood, and death drawn from various historical periods, medical traditions, religious narratives, and sociological and anthropological studies. Only one of the following may be counted: Asian Studies 384 (Topic: Body in Indian Medicine and Myth), 384 (Topic 8), Religious Studies 394T (Topic: Body in Indian Medicine and Myth). Prerequisite: Graduate standing; additional prerequisites vary with the topic.

course	unique	days	time	room	instructor
ANS 384	32405	M	500 - 800P	WCH 4.118	SELBY, M

ANS 390 SPACE-/PLACE-MAKING IN E ASIA
Course number may be repeated for credit when the topics vary. Study of various Asian studies-related topics that do not focus on any single geographic region. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

course	unique	days	time	room	instructor
ANS 390	32410	TH	200 - 500P	GAR 2.124	OH, Y

ANS 391 CHINA AND THE WORLD
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of various subjects with Asian studies-related content. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with P A 388K.

course	unique	days	time	room	instructor
ANS 391	32415	W	900 - 1200	SRH 3.312	EISENMAN, J

ANS 395 PROSEMINAR IN ASIAN STUDIES
Offered on the letter-grade basis only. Various theories and methods used in the field of Asian studies, including disciplinary history, controversies, and the diversity of approaches within the field. Designed for new graduate students in the Department of Asian Studies. Asian Studies 390 (Topic: Proseminar in Asian Studies) and 395 may not both be counted. Prerequisite: Graduate standing.

course	unique	days	time	room	instructor
ANS 395	32420	T	500 - 800P	WCH 4.118	HINDMAN, H

ANS 397C COMPREHENSIVE EXAM PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Restricted to doctoral students in the Department of Asian Studies. Prerequisite: Graduate standing and written consent of instructor on a form obtained from the graduate coordinator.
• 32425

ANS 697C COMPREHENSIVE EXAM PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Restricted to doctoral students in the Department of Asian Studies. Prerequisite: Graduate standing and written consent of instructor on a form obtained from the graduate coordinator.
• 32430

ANS 997C COMPREHENSIVE EXAM PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Restricted to doctoral students in the Department of Asian Studies. Prerequisite: Graduate standing and written consent of instructor on a form obtained from the graduate coordinator.
• 32435

ANS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Asian studies and consent of the graduate adviser; for 698B, Asian Studies 698A.
• 32440

ANS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Asian studies and consent of the graduate adviser; for 698B, Asian Studies 698A.
• 32445

ANS 398L PEDAGOGY FOR LANG INSTRUCTION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Individual instruction in language pedagogy. Prerequisite: Graduate standing, appointment as a teaching assistant in a language course in the Department of Asian Studies, and consent of the graduate adviser.
• 32450

ANS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Asian studies and consent of the graduate adviser.
• 32455

ANS 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 32460

ANS 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 32465

ANS 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 32470

ANS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Asian Studies 399R, 699R, or 999R.
• 32475

ANS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Asian Studies 399R, 699R, or 999R.
• 32480

ANS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Asian Studies 399R, 699R, or 999R.
• 32485

BEN 506 FIRST-YEAR BENGALI I
Not open to native speakers of Bengali.

course	unique	days	time	room	instructor
BEN 506	32540	MW	1100 - 1200	UTC 1.142	SHAMIM, A
		TTH	1100 - 1230P	CLA 0.124	

BEN 312K SECOND-YEAR BENGALI I
Not open to native speakers of Bengali. Prerequisite: Bengali 507 with a grade of at least C.

course	unique	days	time	room	instructor
BEN 312K	32545	TTH	1230 - 200P	UTC 4.120	SHAMIM, A

BEN 381 CONF CRS IN BENGALI LANG & CUL
Hour(s) to be arranged. May be repeated for credit. Supervised individual study in Bengali language or culture. Prerequisite: Graduate standing and written consent of instructor on form obtained from the graduate coordinator.
• 32550

CHI 604 ACCELERATED FIRST-YEAR CHINESE
Chinese 604 and 506 may not both be counted; Chinese 604 and 507 may notboth be counted. Designed for students who understand or speak but do not read or write Mandarin Chinese. Prerequisite: Results on the placement examination in Chinese that indicate that the student is ineligible to receive credit for Chinese 507. If the student is eligible to receive credit by examination for Chinese 506, this credit must not appear on the student's record.

course	unique	days	time	room	instructor
CHI 604	32605	MWF	900 - 1000	JES A209A	CHEN, J
		TTH	930 - 1100	JES A216A	
	32610	MWF	300 - 400P	RLM 5.126	LIU, Y
		TTH	330 - 500P	RLM 7.112	

CHI 606 FIRST-YEAR CHINESE I
Modern Standard Chinese (Mandarin). Intended for students who do not understand or speak Mandarin Chinese. Chinese 604 and 506, 606 may not both be counted.

course	unique	days	time	room	instructor
CHI 606	32615	MWF	900 - 1000	RLM 7.112	LIN, Y
		TTH	800 - 930	RLM 7.124	
	32620	MWF	1000 - 1100	RLM 7.112	CHANG, C
		TTH	1100 - 1230P	RLM 7.124	
	32625	MWF	1000 - 1100	RLM 7.124	LIN, Y
		TTH	800 - 930	RLM 7.124	
	32630	MWF	1100 - 1200	RLM 5.114	CHANG, C
		TTH	1100 - 1230P	RLM 7.124	
	32635	MWF	200 - 300P	RLM 5.112	TENG, W
		TTH	1230 - 200P	RLM 5.118	
	32640	MWF	300 - 400P	RLM 5.112	TENG, W
		TTH	1230 - 200P	RLM 5.118	

CHI 507 FIRST-YEAR CHINESE II
Continuation of Chinese 506, 606. Intended for non-native speakers of Chinese. Chinese 604 and 507, 607 may not both be counted. Prerequisite: Chinese 506, 606 with a grade of at least C.

course	unique	days	time	room	instructor
CHI 507	32645	MWF	800 - 900	MEZ 1.118	CHEN, J
		TTH	1100 - 1230P	MEZ 2.124	
	32650	MWF	1000 - 1100	GAR 0.120	CHEN, J
		TTH	1100 - 1230P	MEZ 2.124	

CHI 612 ACCELERATED SECOND-YR CHINESE
Continuation of Chinese 604. Chinese 612 and 412K may not both be counted; Chinese 612 and 412L may not both be counted. Prerequisite: Chinese 604 with a grade of at least C.

course	unique	days	time	room	instructor
CHI 612	32655	MWF	1000 - 1100	RLM 5.112	LIN, Y
		TTH	930 - 1100	GDC 2.402	

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course	unique	days	time	room	instructor

CHI 412K — SECOND-YEAR CHINESE I

Modern Standard Chinese (Mandarin). Intended for non-native speakers of Chinese. Chinese 612 and 312K, 412K may not both be counted. Prerequisite: Chinese 507, 607 with a grade of at least C.

• 32660	MW	1100 - 1200	PAR 103	LIU, Y
	TTH	1100 - 1200	JES A218A	
• 32665	MW	1200 - 100P	BEN 1.122	LIU, Y
	TTH	1100 - 1200	JES A218A	
• 32670	MW	200 - 300P	BEN 1.106	HSIEH, C
	TTH	1230 - 130P	MEZ 2.118	

CHI 412L — SECOND-YEAR CHINESE II

Intended for non-native speakers of Chinese. Continuation of Chinese 312K, 412K. Chinese 612 and 312L, 412L may not both be counted. Prerequisite: Chinese 312K, 412K with a grade of at least C.

• 32675	MW	1000 - 1100	GAR 2.128	HSIEH, C
	TTH	1100 - 1200	JES A215A	

CHI 320K — READINGS IN MODERN CHINESE I

Readings in expository prose: selections from journals, newspapers, and other sources. Prerequisite: Chinese 612 or 412L with a grade of at least C.

• 32680	TTH	930 - 1100	RLM 5.112	CHANG, C
• 32685	TTH	1100 - 1230P	RLM 5.126	TENG, W

CHI 320L — READINGS IN MODERN CHINESE II

Readings in modern fiction, poetry, and drama. Prerequisite: Chinese 320K with a grade of at least C.

• 32690	MWF	1200 - 100P	RLM 5.112	HSIEH, C

CHI 322 — INTRO TO CLASSICAL CHINESE

Beginning study of wen yen, the particles, and syntax of the Chinese classics. Prerequisite: Chinese 612 or 412L with a grade of at least C.

• 32695	TTH	930 - 1100	MEZ 2.118	TSAI, C

CHI 340 — 3-MODERN CHINESE LITERATURE

Course number may be repeated for credit when the topics vary. Study of Chinese literary texts in the original. Selected literary works from modern China (pre 1949), focusing on translation, linguistic analysis, and discussion of these works as cultural and literary products within their socio-historical contexts. Chinese 340 (Topic: Modern Chinese Literature) and 340 (Topic 3) may not both be counted. Prerequisite: Chinese 320L with a grade of at least C.

• 32700	TTH	200 - 330P	RLM 5.112	CHANG, S

HIN 604 — ACCELERATED FIRST-YEAR HINDI

For speakers of Hindi who have not studied it formally. Hindi 604 and 506 may not both be counted; Hindi 604 and 507 may not both be counted; Hindi 604 and Urdu 604 may not both be counted; Hindi 604 and Urdu 506 may not both be counted; Hindi 604 and Urdu 507 may not both be counted.

• 32755	MWF	100 - 200P	BEN 1.124	SHANKAR, J
	TTH	1230 - 200P	BEN 1.126	

HIN 506 — FIRST-YEAR HINDI I

Modern Hindi of India. Hindi 604 and 506 may not both be counted; Hindi 506 and Urdu 604 may not both be counted. Not open to native speakers of Hindi.

• 32760	MW	100 - 200P		SHAH, G
	TTH	200 - 330P		
• 32765	MW	200 - 300P	MEZ 2.118	SHAH, G
	TTH	330 - 500P	MEZ 2.118	
• 32770	MW	300 - 400P	MEZ 2.118	SHAH, G
	TTH	500 - 630P	MEZ 2.118	

HIN 312K — SECOND-YEAR HINDI I

Modern Hindi of India. Hindi 612 and 312K may not both be counted. Not open to native speakers of Hindi. Prerequisite: Hindi 507 with a grade of at least C.

• 32775	MW	230 - 400P	PAR 206	SHANKAR, J

HIN 381 — CONF CRS IN HINDI LANG AND CUL

Hour(s) to be arranged. May be repeated for credit. Supervised individual study in Hindi language or culture. Prerequisite: Graduate standing and written consent of instructor on a form obtained from the graduate coordinator.

• 32780

JPN 601D — JAPANESE I

Designed for students with no previous coursework in Japanese. Emphasis on basic skills in listening and speaking Japanese and in reading and writing hiragana, katakana, and kanji. Introduction to Japanese culture. Includes computer-assisted instruction. Japanese 601D and 506 may not both be counted. Not open to native speakers of Japanese.

• 32835	MWF	900 - 1000	RLM 5.126	COOKE, C
	TTH	930 - 1100	JES A218A	
• 32840	MWF	1000 - 1100	MEZ 2.102	KATAYAMA, A
	TTH	1100 - 1230P	PAR 206	
• 32845	MWF	1000 - 1100	RLM 5.126	COOKE, C
	TTH	930 - 1100	JES A218A	
• 32850	MWF	1100 - 1200	MEZ 2.102	KATAYAMA, A
	TTH	1100 - 1230P	PAR 206	
• 32855	MWF	1200 - 100P	PAR 308	TANAKA, M
	TTH	1100 - 1230P	PAR 306	
• 32860	MWF	100 - 200P	PAR 310	TANAKA, M
	TTH	1100 - 1230P	PAR 306	

JAPANESE I

Designed to accommodate 35 or fewer students. Designed for students with no previous coursework in Japanese. Emphasis on basic skills in listening and speaking Japanese and in reading and writing hiragana, katakana, and kanji. Introduction to Japanese culture. Includes computer-assisted instruction. Japanese 601D and 506 may not both be counted. Not open to native speakers of Japanese.

• 32865	MWF	900 - 1000	MEZ 1.122	
	TTH	930 - 1100	PAR 1	
• 32870	MWF	1000 - 1100	MEZ 1.122	KAWASHIMA RANSOM
	TTH	930 - 1100	PAR 1	

JPN 610D — JAPANESE II

Expands on skills acquired in Japanese 601D. Includes computer-assisted instruction. Japanese 507 and 610D may not both be counted. Not open to native speakers of Japanese. Prerequisite: Japanese 601D with a grade of at least C.

• 32875	MWF	800 - 900	MEZ 2.102	AIDA, Y
	TTH	930 - 1100	PAR 206	
• 32880	MWF	900 - 1000	MEZ 2.102	AIDA, Y
	TTH	930 - 1100	PAR 206	
• 32885	MWF	1100 - 1200	MEZ 2.118	SUITO, N
	TTH	1230 - 200P	JES A217A	

JPN 611D — INTERMEDIATE JAPANESE

Designed to accommodate 35 or fewer students. Intermediate level of competency in Japanese to enable students to function in a variety of real-life contexts. Japanese 611D and 412K may not both be counted. Japanese 611D and 412L may not both be counted. Not open to native speakers of Japanese. Prerequisite: Japanese 610D with a grade of at least C.

• 32890	MWF	100 - 200P	RLM 5.112	KAWASHIMA RANSOM
	TTH	1230 - 200P	RLM 5.116	
• 32895	MWF	200 - 300P	RLM 7.112	KAWASHIMA RANSOM
	TTH	1230 - 200P	RLM 5.116	

INTERMEDIATE JAPANESE

Intermediate level of competency in Japanese to enable students to function in a variety of real-life contexts. Japanese 611D and 412K may not both be counted. Japanese 611D and 412L may not both be counted. Not open to native speakers of Japanese. Prerequisite: Japanese 610D with a grade of at least C.

• 32900	MWF	1100 - 1200	RLM 5.126	HATANAKA, J
	TTH	1100 - 1230P	RLM 5.114	
• 32905	MWF	1200 - 100P	RLM 5.124	HATANAKA, J
	TTH	1100 - 1230P	RLM 5.114	

JPN 317C — JAPANESE GRAM/COMP/CONVERSATN

Designed to prepare students for specialized advanced Japanese language courses. Japanese 412L and 317C may not both be counted. Not open to native speakers of Japanese. Prerequisite: Japanese 611D with a grade of at least C.

• 32910	MWF	1200 - 100P	PAR 304	COOKE, C

JPN 320K — READINGS IN MODERN JAPANESE I

Exploration of different types of texts written in a variety of grammar structures with rich vocabulary. Examination of similarities and differences between various aspects of Japanese culture and the student's own culture. Not open to native speakers of Japanese. Prerequisite: Japanese 412L or 317C with a grade of at least C.

• 32915	MWF	100 - 200P	CAL 200	SUITO, N
• 32920	MWF	200 - 300P	CAL 200	SUITO, N

JPN 320L — READINGS IN MODERN JAPANESE II

Continued development of Japanese reading and comprehension skills using authentic print and web-based resources. Not open to native speakers of Japanese. Prerequisite: Japanese 320K with a grade of at least C.

• 32925	MWF	1100 - 1200	CAL 200	AIDA, Y

JPN 325K — ADVANCED CONVERSATION I

Conversations on more complex situations and topics, including formal and informal contexts; designed to continue students' development of conversation skills taught in Japanese 412L and 317C. Not open to native speakers of Japanese. Prerequisite: Japanese 412L or 317C with a grade of at least C.

• 32930	MWF	300 - 400P	PAR 304	HATANAKA, J

JPN 327 — ADV RDNG/WRIT KANJI CHARACTERS

Building more advanced vocabulary and kanji knowledge through systematic study (recognition, reading, and writing) of kanji. Not open to native speakers of Japanese. Prerequisite: Japanese 412L or 317C with a grade of at least C.

• 32935	TTH	930 - 1100	RLM 5.126	TANAKA, M

JPN 330 — 3-PRACTICAL READING IN ADV JPN

Course number may be repeated for credit when the topics vary. Fourth-year Japanese readings on special topics. For students with an advanced level of proficiency in Japanese. Conducted in Japanese. Readings selected to promote a wide variety of reading skills such as scanning, skimming, prediction, reading for details, and reading for meaning. Readings include essays, comic strips, short stories, websites, magazine and newspaper articles, and other authentic materials. Not open to native speakers of Japanese. Prerequisite: Japanese 320L with a grade of at least C.

• 32940	MWF	100 - 200P	RLM 5.126	KATAYAMA, A

JPN 381 — CONF CRS IN JPN LANG AND CUL

Hour(s) to be arranged. May be repeated for credit. Supervised individual study in Japanese language or culture. Prerequisite: Graduate standing and written consent of instructor on a form obtained from the graduate coordinator.

• 32945

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course	unique	days	time	room	instructor

KOR 604 ACCELERATED FIRST-YEAR KOREAN
Korean 604 and 506 may not both be counted; Korean 604 and 507 may not both be counted. Designed for students who understand or speak but do not read or write Korean. Not open to native speakers of Korean.

• 33000	MWF	1200 - 100P	MEZ 1.102	PARK, K
	TTH	1230 - 200P	MEZ 1.102	

KOR 606 FIRST-YEAR KOREAN I
Intended for non-native speakers of Korean. Korean 604 and 506, 606 may not both be counted.

• 33005	MWF	900 - 1000	MEZ 1.118	
	TTH	930 - 1100	PAR 306	
• 33010	MWF	1000 - 1100	MEZ 1.204	
	TTH	930 - 1100	PAR 306	
• 33015	MWF	1100 - 1200	MEZ 1.204	PARK, S
	TTH	1230 - 200P	PAR 306	
• 33020	MWF	1200 - 100P	MEZ 1.204	PARK, S
	TTH	1230 - 200P	PAR 306	

KOR 412K SECOND-YEAR KOREAN I
Designed to accommodate 35 or fewer students. Intended for non-native speakers of Korean. Korean 612 and 312K, 412K may not both be counted. Prerequisite: Korean 507, 607 with a grade of at least C.

• 33025	TTH	1100 - 1230P	MEZ 2.118	PARK, S
	M	1000 - 1100	MEZ 2.118	

SECOND-YEAR KOREAN I
Intended for non-native speakers of Korean. Korean 612 and 312K, 412K may not both be counted. Prerequisite: Korean 507, 607 with a grade of at least C.

• 33030	TTH	200 - 330P	MEZ 1.216	
	M	100 - 200P	MEZ 2.124	

SECOND-YEAR KOREAN I
Designed to accommodate 35 or fewer students. Intended for non-native speakers of Korean. Korean 612 and 312K, 412K may not both be counted. Prerequisite: Korean 507, 607 with a grade of at least C.

• 33035	TTH	330 - 500P	WAG 208	PARK, K
	M	200 - 300P	GAR 0.128	

KOR 320K THIRD-YEAR KOREAN I
Prerequisite: Korean 612 or 412L with a grade of at least C.

• 33040	MWF	100 - 200P	MEZ 1.204	PARK, S

KOR 330 2-ADVANCED READINGS: KOREAN I
Course number may be repeated for credit when the topics vary. Fourth-year Korean readings on special topics. Selected modern Korean poems, short stories, and essays to develop reading and writing skills in advanced Korean. Includes discussion of cultural and historical issues. Korean 330 (Topic: Readings in Advanced Korean I) and 330 (Topic 2) may not both be counted. Prerequisite: Korean 320L with a grade of at least C.

• 33045	MWF	1100 - 1200	MEZ 1.212	PARK, K

KOR 381 CONF CRS IN KOREAN LANG & CUL
Hour(s) to be arranged. May be repeated for credit. Supervised individual study in Korean language or culture. Prerequisite: Graduate standing, six semester hours of upper-division coursework in Korean, and written consent of instructor on a form obtained from the graduate coordinator.
• 33050

MAL 506 FIRST-YEAR MALAYALAM I
Standard Malayalam of Kerala.

• 33105	MW	1100 - 1200	GAR 1.134	MANAYATHU SASI, D
	TTH	1230 - 200P	BEN 1.106	

MAL 312K SECOND-YEAR MALAYALAM I
Prerequisite: Malayalam 507 with a grade of at least C.

• 33110	TTH	200 - 330P	BEN 1.118	MANAYATHU SASI, D

MAL 360 CONF CRS MALAYALAM LANG & LIT
May be repeated for credit. Supervised individual study of selected problems in Malayalam language or literature. Prerequisite: Malayalam 312L and written consent of instructor on form obtained from the undergraduate adviser.
• 33115

MAL 381 CONF CRS MALAYALAM LANG & CUL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study in Malayalam language or culture. Prerequisite: Graduate standing and written consent of instructor on a form obtained from the graduate coordinator.
• 33120

SAN 506 FIRST-YEAR SANSKRIT I
Introduction to basic grammatical principles, with reading of Ramayana episodes as illustrations.

• 33175	MW	1000 - 1100	MEZ 1.104	HYNE, A
	TTH	930 - 1100	GAR 2.124	

SAN 312K SECOND-YEAR SANSKRIT I
Introduction to classical Sanskrit prose literature; readings from the Epics and Kathasaritsagara. Prerequisite: Sanskrit 507 with a grade of at least C.

• 33180	TTH	200 - 330P	CLA 0.124	HYNE, A

SAN 330 DHARMASASTRA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Sanskrit 312L with a grade of at least C. meets with SAN 384S.

• 33185	TTH	1100 - 1230P	GAR 2.124	DAVIS, D

SAN 360 CONF CRS SANSKRIT LANG AND LIT
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Sanskrit language or literature. Prerequisite: Upper-division standing, Sanskrit 312L, and written consent of instructor on form obtained from the undergraduate adviser.
• 33190

SAN 384S VEDARTHASAMGRAHA
Course number may be repeated for credit when the topics vary. Study of various aspects and periods of Sanskrit language and culture. Prerequisite: Graduate standing; and Sanskrit 325L, 330, or the equivalent, or consent of instructor. meets with SAN 330.

• 33195	TTH	1100 - 1230P	GAR 2.124	DAVIS, D

TAM 506 FIRST-YEAR TAMIL I
Designed to accommodate 35 or fewer students. Tamil 506 and 604 may not both be counted. Not open to native speakers of Tamil.

• 33250	MW	1100 - 1200	CBA 4.336	
	TTH	1230 - 200P	GAR 2.124	

TAM 312K SECOND-YEAR TAMIL I
Designed to accommodate 35 or fewer students. Tamil 612 and 312K may not both be counted. Not open to native speakers of Tamil. Prerequisite: Tamil 507 with a grade of at least C.

• 33255	TTH	200 - 330P	CBA 4.342	

TAM 320K ADVANCED TAMIL I
Designed to accommodate 35 or fewer students. Not open to native speakers of Tamil. Prerequisite: Tamil 312L with a grade of at least C.

• 33260	MW	100 - 230P	UTC 1.142	

TAM 381 CONF CRS IN TAMIL LANG AND CUL
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study in Tamil language or culture. Prerequisite: Graduate standing and written consent of instructor on form obtained from the graduate coordinator.
• 33265

URD 506 FIRST-YEAR URDU I
Urdu 604 and 506 may not both be counted. Not open to native speakers of Urdu.

• 33320	MW	1200 - 100P	MEZ 2.102	HASSAN, S
	TTH	1230 - 200P	MEZ 2.102	

URD 312K SECOND-YEAR URDU I
Introduction to the Urdu script, followed by Urdu reading, composition, and conversation. Urdu 612 and 312K may not both be counted. Not open to native speakers of Urdu. Prerequisite: Urdu 507 with a grade of at least C.

• 33325	MWF	200 - 300P	MEZ 1.118	HASSAN, S

URD 118K PRACTICE IN SPOKEN URDU I
Additional hour(s) to be arranged. Instruction and practice in conversation for intermediate-level students. Not open to native speakers of Urdu. Prerequisite: Urdu 507 with a grade of at least C.

• 33330	MW	1000 - 1100	PAR 310	HASSAN, S

URD 330 6-QAWWALI AESTHETICS
Course number may be repeated for credit when the topics vary. Study of specific subjects related to Urdu culture as reflected in literary productions and other modes of expression. Examination of the devotional currency of Qawwali, and issues of gender, class, religious differences, and nationalism. Explores the relationship between oral and written literature and tensions between local aesthetics and the process of globalization. Urdu 330 (Topic: Qawwali Aesthetics) and 330 (Topic 6) may not both be counted. Prerequisite: Urdu 312L with a grade of at least C. meets with URD 384 (TOPIC 10).

• 33335	W	630 - 930P	WCH 4.118	HYDER, S

URD 434K FLAGSHIP URDU VII
Hour(s) to be arranged. Prerequisite: Consent of instructor.
• 33340 HYDER, S

URD 381 CONF CRS IN URDU LANG AND CUL
Hour(s) to be arranged. May be repeated for credit. Supervised individual study. Prerequisite: Graduate standing and written consent of instructor on form obtained from the graduate coordinator.
• 33345

URD 384 10-QAWWALI AESTHETICS
Course number may be repeated for credit when the topics vary. Study of various aspects and periods of Urdu language and culture. Examination of the devotional currency of Qawwali, and issues of gender,class, religious differences, and nationalism. Explores the relationship between oral and written literature and tensions between local aesthetics and the process of globalization. Urdu 384 (Topic: Qawwali Aesthetics) and 384 (Topic 10) may not both be counted. Prerequisite: Graduate standing, and six

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semester hours of upper-division coursework in Urdu with a grade of at least C; additional prerequisites vary with the topic. meets with URD 330 (TOPIC 6).
• 33350 W 630 - 930P WCH 4.118

DEPARTMENT OF CLASSICS

Ancient History and Classical Civilization - AHC
Classical Civilization - C C
Greek - GK
Latin - LAT

AHC 310 INTRO TO TRADITIONAL AFRICA
Course number may be repeated for credit when the topics vary. Introductory survey of premodern history with emphasis on regions outside of the ancient Mediterranean world. meets with AFR 310L, HIS 311K.
• 33405 TTH 1100 - 1230P UTC 3.112 FALOLA, O

PREMODERN WORLD
Course number may be repeated for credit when the topics vary. Introductory survey of premodern history with emphasis on regions outside of the ancient Mediterranean world. Topic description: Discuss world history from human origins to the sixteenth century. meets with HIS 301F.
• 33410 MWF 1100 - 1200 UTC 3.112 TALBOT, C

AHC 319 1-ANCIENT MEDITERRANEAN WORLD
Course number may be repeated for credit when the topics vary. Survey of the ancient Mediterranean from ca. 3000 BC to AD 476. Focus onthe development of ideas and institutions in the Greek and Roman worlds and on the active cultural exchange among the diverse civilizations of the broader region that shaped Greek and Roman history and cultural identity. same as C C 319D, HIS 319D.
• 33415 MW 1100 - 1200 WAG 214 PERLMAN, P
F 1000 - 1100 PAR 310
• 33420 MW 1100 - 1200 WAG 214 PERLMAN, P
TH 1100 - 1200 WAG 112
• 33425 MW 1100 - 1200 WAG 214 PERLMAN, P
F 1100 - 1200 PAR 305
• 33430 MW 1100 - 1200 WAG 214 PERLMAN, P
TH 100 - 200P CAL 200

AHC 325 1-HIST OF ROME: THE REPUBLIC
Course number may be repeated for credit when the topics vary. Topics in the history of the Greek and Roman empires and the surroundingarea. A survey of Roman history from the founding of Rome to the death of Julius Caesar. Ancient History and Classical Civilization 325 (Topic 1) and History 321M may not both be counted. Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as HIS 321M. also meets with CTI 375.
• 33435 MW 1000 - 1100 WAG 201 RIGGSBY, A
TH 1000 - 1100 CAL 221
• 33440 MW 1000 - 1100 WAG 201 RIGGSBY, A
F 1000 - 1100 GAR 1.134
• 33445 MW 1000 - 1100 WAG 201 RIGGSBY, A
TH 1200 - 100P CAL 200
• 33450 MW 1000 - 1100 WAG 201 RIGGSBY, A
F 1200 - 100P CAL 200

7-ARCHAIC/CLASSICAL GREECE
Course number may be repeated for credit when the topics vary. Topics in the history of the Greek and Roman empires and the surroundingarea. Survey of Greek history from the emergence of the city-states to the rise of Macedonia. Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic 4), 325 (Topic 7), Classical Civilizations 354C,Core Texts and Ideas 375 (Topic: Archaic and Classical Greece), 375 (Topic 7), History 354C, 354E. Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as CTI 375 (TOPIC 7), HIS 354E.
• 33455 MW 1100 - 1200 WAG 201
F 1000 - 1100 CAL 21
• 33460 MW 1100 - 1200 WAG 201
TH 1100 - 1200 PAR 210
• 33465 MW 1100 - 1200 WAG 201
F 1100 - 1200 CAL 21

AHC 330 MACHIAVELLI-HONORS
Course number may be repeated for credit when the topics vary. Topics in premodern history with emphasis on regions outside of the ancient Mediterranean world. Prerequisite: Upper-division standing. Restricted to students in the Plan I Honors Program. meets with LAH 350, HIS 350L, EUS 346, CTI 375.
• 33470 TTH 930 - 1100 GAR 0.132 FRAZIER, A

TWELFTH-CENT RENAIS: 1050-1200
Course number may be repeated for credit when the topics vary. Topics in premodern history with emphasis on regions outside of the ancient Mediterranean world. Prerequisite: Upper-division standing. meets with HIS 344G, EUS 346.
• 33475 MW 1000 - 1130 CBA 4.344 NEWMAN, M

AHC 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised conference course for honors candidates in ancient history and classical civilization. Prerequisite: For 679HA, upper-division standing and admission to the Ancient History and Classical Civilization Honors Program; for 679HB, Ancient History and Classical Civilization 679HA.
• 33480

AHC 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised conference course for honors candidates in ancient history and classical civilization. Prerequisite: For 679HA, upper-division standing and admission to the Ancient History and Classical Civilization Honors Program; for 679HB, Ancient History and Classical Civilization 679HA.
• 33485

C C 301 INTRO TO ANCIENT GREECE
Greatness of Greece as reflected in Greek history, literature, philosophy, art, religion, and politics. No knowledge of Greek is required. Only one of the following may be counted: Classical Civilization 301, Core Texts and Ideas 310 (Topic: Introduction to Ancient Greece), 301G. same as CTI 301G.
• 33540 TTH 930 - 1100 GAR 0.120 PATTERSON, J
• 33545 MWF 1000 - 1100 FAC 21 RABINOWITZ, A
• 33550 MWF 1200 - 100P WAG 308 PATTERSON, J

C C 302 INTRO TO ANCIENT ROME-WB
Hour(s) to be arranged. Designed to accommodate 100 or more students. Survey of the highlights and the influence of Roman civilization. No knowledge of Latin is required. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.
• 33555 EBBELER, J

INTRODUCTION TO ANCIENT ROME
Survey of the highlights and the influence of Roman civilization. No knowledge of Latin is required.
• 33560 TTH 1230 - 200P JGB 2.324 GALINSKY, G

C C 303 INTRO TO CLASSICAL MYTHOLGY-WB
Hour(s) to be arranged. Designed to accommodate 100 or more students. Survey of major Greek and Roman myths and their influence on literature,art, and music. Classical Civilization 303 and 352 may not both be counted. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.
• 33565

INTRO TO CLASSICAL MYTHOLOGY
Survey of major Greek and Roman myths and their influence on literature,art, and music. Classical Civilization 303 and 352 may not both be counted.
• 33570 MWF 100 - 200P WAG 101

INTRO TO CLASSICAL MYTHOLOGY
Designed to accommodate 100 or more students. Survey of major Greek and Roman myths and their influence on literature,art, and music. Classical Civilization 303 and 352 may not both be counted.
• 33575 MWF 1200 - 100P JGB 2.324 CURTIS, T

INTRO TO CLASSICAL MYTHOLOGY
Designed to accommodate 100 or more students. Survey of major Greek and Roman myths and their influence on literature,art, and music. Classical Civilization 303 and 352 may not both be counted. Course meets online during scheduled class times and includes a live-streaming video component. Students are encouraged to visit http://laits.utexas.edu/tower/online/courses/ to test their computer and network connec tion and learn about the course structure.
• 33580 MW 100 - 230P

C C 304C INTRO TO THE NEW TESTAMENT
Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. An introductory survey of the highlights of Greek and Roman civilizationand early Christianity. No knowledge of Greek or Latin is required. Classical Civilization 304C and 348 may not both be counted unless the topics vary. Topic description: Examines representative examples of the texts found in the Christian New Testament and selected noncanonical writings. Focuses on historical setting and systematic methods of interpretation. meets with CTI 310, R S 315N.
• 33585 TTH 1230 - 200P ART 1.102 LANDAU, B

3-INTRO TO ANCIENT EGYPT
Course number may be repeated for credit when the topics vary. An introductory survey of the highlights of Greek and Roman civilizationand early Christianity. No knowledge of Greek or Latin is required. A survey of the language, culture, and history of Egypt from the prehistorical period (13,000 BC) to the New Kingdom (1069 BC). Classical Civilization 304C and 348 may not both be counted unless the topics vary. Only one of the following may be counted: African and African Diaspora Studies 317C (Topic: Introduction to Ancient Egypt), 317C (Topic 5), Classical Civilization 304C (Topic 3), 348 (Topic 11). same as AFR 317C (TOPIC 5).
• 33590 MWF 200 - 300P WAG 101 NETHERCUT, W

6-ANCIENT PHILOSOPHY
Course number may be repeated for credit when the topics vary. An introductory survey of the highlights of Greek and Roman civilizationand early Christianity. No knowledge of Greek or Latin is required. An introduction to the philosophical achievements of the ancient world, concentrating on Plato and Aristotle. Classical Civilization

course	unique	days	time	room	instructor

304C and 348 may not both be counted unless the topics vary. Only one of the following may be counted: Classical Civilization 304C (Topic: Ancient Philosophy), 304C (Topic 6), Philosophy 301K. Primarily for lower-division students. same as PHL 301K. also meets with CTI 310.

• 33595	MWF	900 - 1000	WAG 302	

C C 306M INTRO TO MEDCL & SCIENTIF TERM

A systematic study of medical and scientific terminology based on Greek and Latin roots. No knowledge of Greek or Latin is required. Classical Civilization 306M and 336M may not both be counted.

• 33600	MWF	800 - 900	SAC 1.402	CURTIS, T
• 33605	MWF	900 - 1000	SAC 1.402	CURTIS, T

C C 307D INTRO TO ROMAN ARCHAEOLOGY

A survey of the artifacts, monuments, and sites of ancient Rome, and their value for documenting Roman religious, social, and cultural history. No knowledge of Latin is required.

• 33610	MWF	1000 - 1100	BUR 216	TAYLOR, R

C C 319D ANCIENT MEDITERRANEAN WORLD

Survey of the ancient Mediterranean from ca. 3000 BC to AD 476. Focus onthe development of ideas and institutions in the Greek and Roman worlds and on the active cultural exchange among the diverse civilizations of the broader region that shaped Greek and Roman history and cultural identity. same as AHC 319 (TOPIC 1), HIS 319D. also meets with C C 319D.

• 33615	MW	1100 - 1200	WAG 214	PERLMAN, P
	F	1000 - 1100	PAR 310	
• 33620	MW	1100 - 1200	WAG 214	PERLMAN, P
	F	1100 - 1200	PAR 305	
• 33625	MW	1100 - 1200	WAG 214	PERLMAN, P
	TH	1100 - 1200	WAG 112	
• 33630	MW	1100 - 1200	WAG 214	PERLMAN, P
	TH	100 - 200P	CAL 200	

C C 340 KINGS/HEROES-AEGEAN BRONZE AGE

Course number may be repeated for credit when the topics vary. Detailed study of topics such as architecture, sculpture, or topography of sites. No knowledge of Greek or Latin is required. Classical Civilization 307K and 340 may not both be counted unless the topics vary. Classical Civilization 340 and 375 may not both be counted unless the topics vary. Prerequisite: Upper-division standing.

• 33635	TTH	1100 - 1230P	WAG 208	GULIZIO, J

5-HELLENISTIC ART/ARCHITECTURE

Course number may be repeated for credit when the topics vary. Detailed study of topics such as architecture, sculpture, or topography of sites. No knowledge of Greek or Latin is required. Art of the Hellenistic period from the reign of Alexander the Great to the beginning of the Roman Empire, ca. 336 to 31 BC. Classical Civilization 307K and 340 may not both be counted unless the topics vary. Classical Civilization 340 and 375 may not both be counted unless the topics vary. Prerequisite: Upper-division standing. Prerequisite: For art history and visual art studies majors, Art History302 and 303; for others, at least one of the following is advisable but not required: Art History 301, 302, 303.

• 33640	TTH	330 - 500P	WAG 112	

C C 348 BEYOND THE NEW TESTAMENT

Course number may be repeated for credit when the topics vary. The development and progress of ancient civilization, including history, philosophy, literature, and culture. No knowledge of Greek or Latin is required. Classical Civilization 304C and 348 may not both be counted unless the topics vary. Classical Civilization 348 and 375 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with R S 353E.

• 33645	MWF	1100 - 1200	CLA 1.102	LANDAU, B

4-HIST OF ANCIENT PHILOSOPHY

Course number may be repeated for credit when the topics vary. The development and progress of ancient civilization, including history, philosophy, literature, and culture. No knowledge of Greek or Latin is required. Development of Western philosophy from the pre-Socratics to the early Christian era; emphasis on Plato and Aristotle. Classical Civilization 304C and 348 may not both be counted unless the topics vary. Classical Civilization 348 and 375 may not both be counted unless the topics vary. Classical Civilization 348 (Topic 4) and Philosophy 329K may not both becounted. Prerequisite: Varies with the topic. Additional prerequisite: Six semester hours of coursework in philosophy. same as PHL 329K.

• 33650	TTH	930 - 1100	PAR 301	LEON, J
	F	1100 - 1200		
• 33655	TTH	930 - 1100	PAR 301	LEON, J
	F	1200 - 100P		

17-EGYPT HIEROGLYPHICS CUL CTX

Course number may be repeated for credit when the topics vary. The development and progress of ancient civilization, including history, philosophy, literature, and culture. No knowledge of Greek or Latin is required. The vocabulary and grammar of ancient Egypt as a guide to understanding artifacts and monuments from the different periods of Egyptian history, whether in museums, exhibitions, or on site overseas. Classical Civilization 304C and 348 may not both be counted unless the topics vary. Classical Civilization 348 and 375 may not both be counted unless the topics vary. Only one of the following may be counted: African and African Diaspora Studies 374C (Topic: Egyptian Hieroglyphics in Cultural Context), 374C (Topic 5), Classical Civilization 348 (Topic: Egyptian Hieroglyphics in Cultural Context), 348 (Topic 17). Prerequisite: Varies with the topic. same as AFR 374C (TOPIC 5).

• 33660	MWF	1100 - 1200	WAG 112	NETHERCUT, W

C C 363 CONF COURSE IN CLASSICAL CIV

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised work in various specialized aspects of classical civilization. No knowledge of Greek or Latin is required. Prerequisite: Upper-division standing and consent of instructor.

• 33665

C C 679HA HONORS TUTORIAL COURSE

Hour(s) to be arranged. Supervised conference course for honors candidates in classics. Prerequisite: For 679HA, upper-division standing and admission to the Classics Honors Program; for 679HB, Classical Civilization 679HA.

• 33670

C C 679HB HONORS TUTORIAL COURSE

Hour(s) to be arranged. Supervised conference course for honors candidates in classics. Prerequisite: For 679HA, upper-division standing and admission to the Classics Honors Program; for 679HB, Classical Civilization 679HA.

• 33675

C C 380 METH & THRY IN CLASCL ARCHAEOL

Course number may be repeated for credit when the topics vary. Topics given in recent years include methods and theory, Greek and Roman Naples, landscape archaeology, and Hellenistic and Roman Egypt. Prerequisite: Graduate standing.

• 33680	T	330 - 630P	WAG 10	WALTHALL, D

C C 381 CONF COURSE IN CLASSICAL CIV

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Studies in classical antiquity. A knowledge of the ancient languages is not required. Prerequisite: Graduate standing and consent of instructor.

• 33685

C C 383K CURR CONCEPTS/RSCH IN CLASSICS

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Overview of important theories, issues, and research in classics. Prerequisite: Graduate standing.

• 33690

GK 506 FIRST-YEAR GREEK I

Studies the fundamentals of grammar and reading in ancient Greek. Only one of the following may be counted: Greek 601C; 804; 506 and 507.

• 33745	MTWTHF	1100 - 1200	WAG 10	HUBBARD, T

GK 311 INTERMEDIATE GREEK I

Continuation of Greek 601C or 507. Introductory readings from classical authors such as Lysias, Plato, and Xenophon. Includes grammar review. Prerequisite: Greek 601C or 507 with a grade of at least C, or Greek 804and 412 with a grade of at least C in each.

• 33750	MWF	100 - 200P	WAG 112	PERLMAN, P

GK 324 8-GREEK LOVE POETRY

Course number may be repeated for credit when the topics vary. Reading and analysis of classical authors such as Homer, Herodotus, Euripides, and Plato. Greek 324 (Topic: Greek Love Poetry) and 324 (Topic 8) may not both be counted. Prerequisite: Greek 312K or 312L with a grade of at least C; or Greek 412 with a grade of at least A-, and consent of the undergraduate adviser.

• 33755	TTH	200 - 330P	WAG 112	HUBBARD, T

GK 365 APOLLONIUS ARGONAUTICA

Course number may be repeated for credit when the topics vary. Critical study of authors such as Thucydides, Demosthenes, and Aeschylus. Prerequisite: Greek 324 or 328. meets with GK 385.

• 33760	TTH	1230 - 200P	WAG 112	BECK, D

GK 370 ADVANCED CONFERENCE COURSE

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised reading. Prerequisite: Greek 310K or 324, and consent of instructor.

• 33765

GK 679HA HONORS TUTORIAL COURSE

Hour(s) to be arranged. Supervised conference course for honors candidates in Greek. Prerequisite: For 679HA, upper-division standing and admission to the honors program in Greek; for 679HB, Greek 679HA.

• 33770

GK 679HB HONORS TUTORIAL COURSE

Hour(s) to be arranged. Supervised conference course for honors candidates in Greek. Prerequisite: For 679HA, upper-division standing and admission to the honors program in Greek; for 679HB, Greek 679HA.

• 33775

GK 383 SURVEY OF GREEK LITERATURE

Course number may be repeated for credit when the topics vary. Topics given in recent years include Greek oratory, Aristophanes, and Homer. Topics other than those listed below may also be taught. Prerequisite: Graduate standing.

• 33780	TTH	200 - 330P	WAG 10	BECK, D

GK 383K CURR CONCEPTS & RSCH IN GREEK

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. An overview of important theories, issues, and research in classics. Prerequisite: Graduate standing.

• 33785

course	unique	days	time	room	instructor

GK 385 APOLLONIUS
Course number may be repeated for credit when the topics vary. Topics given in recent years include Plato and Greek prose, Sophocles, and Sophists. Prerequisite: Graduate standing. meets with GK 365.
• 33790 TTH 1230 - 200P WAG 112 BECK, D

GK 386K CONFERENCE COURSE IN GREEK LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 33795

GK 386L CONF COURSE IN GREEK LANGUAGE
Hour(s) to be arranged. May be repeated for credit. Restricted to students pursuing degrees other than in classics. Prerequisite: Graduate standing.
• 33800

GK 390 SITES AND SONGS
Course number may be repeated for credit when the topics vary. Selected topics in Greek studies. Topics given in recent years include Mycenaean documents, Aristotle's ethics, Archaic poetry, and Plato's Symposium. Prerequisite: Graduate standing.
• 33805 M 200 - 500P WAG 10 WHITE, S

GK 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a research report to fulfill the requirement for the master's degree. Prerequisite: Graduate standing in Greek and consent of the graduate adviser.
• 33810

GK 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33815

GK 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33820

GK 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33825

GK 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Greek 399R, 699R, or 999R.
• 33830

GK 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Greek 399R, 699R, or 999R.
• 33835

GK 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Greek 399R, 699R, or 999R.
• 33840

LAT 506 FIRST-YEAR LATIN I
Fundamentals of grammar and reading. Only one of the following may be counted: Latin 601C; or 506 and 507.
• 33895 MTWTHF 1000 - 1100 WAG 10
• 33900 MTWTHF 1100 - 1200 JES A216A
• 33905 MTWTHF 1200 - 100P WAG 10

FIRST-YEAR LATIN I-WB
Hour(s) to be arranged. Fundamentals of grammar and reading. Only one of the following may be counted: Latin 601C; or 506 and 507. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.
• 33910

LAT 507 FIRST-YEAR LATIN II
Continuation of Latin 506. Only one of the following may be counted: Latin 601C; or 506 and 507 Prerequisite: Latin 506 with a grade of at least C.
• 33915 MTWTHF 1000 - 1100 CBA 4.340

FIRST-YEAR LATIN II-WB
Hour(s) to be arranged. Designed to accommodate 35 or fewer students. Continuation of Latin 506. Only one of the following may be counted: Latin 601C; or 506 and 507 Prerequisite: Latin 506 with a grade of at least C. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connec tivity.
• 33920

LAT 511K ACCELERATED INTERMEDIATE LATIN
Comparable to Latin 311 and 312K together. Only one of the following may be counted: Latin 511K, 312K, 316. Latin 311 and 511K may not both be counted. Designed primarily for students of high academic ability and motivation. Prerequisite: Latin 601C or 507 with a grade of at least A-.
• 33925 MTWTHF 900 - 1000 WAG 10

ACCELERATED INTERMEDIATE LATIN
Designed to accommodate 35 or fewer students. Comparable to Latin 311 and 312K together. Only one of the following may be counted: Latin 511K, 312K, 316. Latin 311 and 511K may not both be counted. Designed primarily for students of high academic ability and motivation. Prerequisite: Latin 601C or 507 with a grade of at least A-.
• 33930 MTWTHF 100 - 200P WAG 10 GULIZIO, J

LAT 322 ADVANCED LATIN I
Designed to accommodate 35 or fewer students. Reading and analysis of selected classical authors. Prerequisite: Latin 511K, 312K, or 316 with a grade of at least C.
• 33935 MWF 200 - 300P GAR 0.120 GULIZIO, J

LAT 323 6-ELEGY
Course number may be repeated for credit when the topics vary. Reading and interpretation of prose and poetry texts at an early advanced level. Latin 323 (Topic: Elegy) and 323 (Topic 6) may not both be counted. Prerequisite: Latin 322 with a grade of at least C.
• 33940 MWF 1200 - 100P WAG 112 NETHERCUT, W

LAT 365 8-PLAUTUS AND EARLY LATIN
Course number may be repeated for credit when the topics vary. Critical study of authors such as Horace, Livy, Lucretius, and Tacitus. Latin 365 (Topic: Plautus and Early Latin) and 365 (Topic 8) may not both be counted. Prerequisite: Latin 323 with a grade of at least C. meets with LAT 385.
• 33945 TTH 930 - 1100 CLA 0.124 GALINSKY, G

LAT 370 ADVANCED CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised reading. Prerequisite: Consent of instructor.
• 33950

LAT 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised conference course for honors candidates in Latin. Prerequisite: For 679HA, upper-division standing and admission to the Latin Honors Program; for 679HB, Latin 679HA.
• 33955

LAT 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised conference course for honors candidates in Latin. Prerequisite: For 679HA, upper-division standing and admission to the Latin Honors Program; for 679HB, Latin 679HA.
• 33960

LAT 383 SURVEY OF LATIN LITERATURE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics given in recent years include Latin literature survey, Latin prose, Seneca, and Augustine's Confessions. Prerequisite: Graduate standing.
• 33965 TTH 200 - 330P GAR 0.128 LUSHKOV, A

LAT 383K CURR CONCEPTS & RSCH IN LATIN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. An overview of important theories, issues, and research in classics. Prerequisite: Graduate standing.
• 33970

LAT 385 ROMAN COMEDY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with LAT 365 (TOPIC 8).
• 33975 TTH 930 - 1100 CLA 0.124 GALINSKY, G

LAT 386 CONFERENCE COURSE IN LATIN LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 33980

LAT 386L CONF COURSE IN LATIN LANGUAGE
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Directed reading. Restricted to students pursuing degrees other than in classics. Prerequisite: Graduate standing.
• 33985

LAT 390 AUGUSTINE
Course number may be repeated for credit when the topics vary. Selected topics in Roman studies. Topics given in recent years include Roman comedy, Pliny, and Roman fragmentary historians. Topics other than those listed below may also be taught. Prerequisite: Graduate standing.
• 33990 W 200 - 500P WAG 10 EBBELER, J

LAT 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a research report to fulfill the requirement for the master's degree. Prerequisite: Graduate standing in Latin and consent of the graduate adviser.
• 33995

LAT 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 34000

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LAT 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 34005

LAT 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 34010

LAT 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin 399R, 699R, or 999R.
• 34015

LAT 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin 399R, 699R, or 999R.
• 34020

LAT 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin 399R, 699R, or 999R.
• 34025

COMPARATIVE LITERATURE

Comparative Literature - C L

C L 305 AFRO-BRAZILIAN DIASPORA
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres;and the relationship between literature and other disciplines such as psychology, philosophy, and film. Prerequisite: Varies with the topic. meets with AFR 317E, LAS 310.
• 34080 MWF 100 - 200P PAR 204 AFOLABI, O

C L 315 MASTERWORKS OF WORLD LIT
Designed to accommodate 35 or fewer students. Introduction to masterpieces of the world's literary traditions, emphasizing historical, generic, and thematic connections. Only one of the following may be counted: Comparative Literature 315, English 303D, (603B), 316N, Tutorial Course 303D, (603B). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). meets with E 316N.
• 34085 MWF 100 - 200P WAG 308 NEHRING, N
• 34087 MWF 1100 - 1200 CLA 0.118 TURLEY, E

C L 320 CONF COURSE IN COMPARATIVE LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Independent study of literary projects under supervision of professors in comparative literature. Prerequisite: Six semester hours of upper-division coursework in literature, of which three hours must be in a classical or foreign language.
• 34090

C L 323 ARENDT AND DE BEAUVOIR
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. meets with GSD 340, EUS 347, WGS 340.
• 34095 TTH 930 - 1100 BUR 337 WILKINSON, L

CONFLICT LIT/MEDIA MID EAST
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Prerequisite: Varies with the topic. meets with MEL 321, J S 363, MES 342.
• 34100 MWF 1200 - 100P PAR 206 GREEN, R

EXHIBITIONISM/PUBLIC SPECTACLE
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. meets with GSD 360, EUS 347, GRG 356T.
• 34105 TTH 1100 - 1230P GDC 1.406 ARENS, K

LATINO CARIB CULT/DIASP IN US
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Prerequisite: Varies with the topic. meets with SPC 320C, LAS 328.
• 34110 TTH 1230 - 200P MEZ 1.118 SALGADO, C

RUSSIAN CINEMA: POTEMKIN-PUTIN
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Prerequisite: Varies with the topic. meets with REE 325.
• 34115 TTH 330 - 500P RLM 5.122 PETROV, P

12-HANS CHRISTIAN ANDERSEN
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Introduction to such Hans Christian Andersen tales as "The Little Mermaid," "The Ugly Duckling," and "The Emperor's New Clothes." Examination of their author and the romantic period in which they were written, as well as their historical, philosophical, and literary context. Only one of the following may be counted: Comparative Literature 323 (Topic: Hans Christian Andersen), 323 (Topic 12), English 322 (Topic 19), European Studies 347 (Topic: Hans Christian Andersen), 347 (Topic 14), German, Scandinavian, and Dutch Studies 341E, Germanic Civilization 323E (Topic 4), Scandinavian 373 (Topic 4). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as EUS 347 (TOPIC 14), GSD 341E.
• 34120 MWF 100 - 200P BUR 337 CORTSEN, R

18-SQUARING THE VIENNA CIRCLE
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Traces the origin of the Vienna Circle of Logical Empiricism in nineteenth-century Europe, and introduces central texts and problems of intellectual history and historical epistemology at the roots of today's analytic philosophy. Only one of the following may be counted: Comparative Literature 323 (Topic: Squaring the Vienna Circle), 323 (Topic 18), European Studies 347 (Topic: Squaring the Vienna Circle), 347 (Topic 20), German, Scandinavian, and Dutch Studies 361F, Germanic Civilization 362E (Topic: Squaring the Vienna Circle), Philosophy 327 (Topic: Squaring the Vienna Circle), 354 (Topic: Squaring the Vienna Circle). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as EUS 347 (TOPIC 20), GSD 361F. also meets with PHL 327.
• 34125 TTH 330 - 500P GEA 114 ARENS, K

30-MAJOR WORKS OF DOSTOEVSKY
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Explores the dilemmas of homicide, suicide, patricide, and redemption in the novels of Fyodor Dostoevsky. Only one of the following may be counted: Comparative Literature 323 (Topic: The Major Works of Dostoevsky), 323 (Topic 30), Core Texts and Ideas 345 (Topic: Major Works of Dostoevsky), 345 (Topic 5), European Studies 347 (Topic: Major Works of Dostoevsky), 347 (Topic 10), Russian 360 (Topic: Major Works of Dostoevsky), 360 (Topic 1), Russian, East European and Eurasian Studies 325 (Topic: Major Works of Dostoevsky), 325 (Topic 10). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as CTI 345 (TOPIC 5), REE 325 (TOPIC 10).
• 34130 TTH 1230 - 200P BUR 231 LIVERS, K

40-HOLOCAUST AFTEREFFECTS
Course number may be repeated for credit when the topics vary. Study of masterpieces of world literature; of different literary genres; of the relationship between literature and other disciplines, such as psychology, philosophy, and film; and of special topics of a comparative nature. Explores the historical, political, psychological, theological, and cultural fallout of the Holocaust, as well as literary and cinematic responses in Europe and the United States. Only one of the following may be counted: Comparative Literature 323 (Topic: Holocaust Aftereffects), 323 (Topic 40), European Studies 346 (Topic: Holocaust Aftereffects), 346 (Topic 23), German, Scandinavian, and Dutch Studies 360 (Topic 1), Germanic Civilization 323E (Topic: Holocaust Aftereffects), Jewish Studies 365 (Topic: Holocaust Aftereffects), 365 (Topic 14), Liberal Arts Honors 350 (Topic: Holocaust Aftereffects), Religious Studies 357 (Topic: Holocaust Aftereffects), 357 (Topic 18), Women's and Gender Studies 340 (Topic: Holocaust Aftereffects), 340 (Topic 66). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as EUS 346 (TOPIC 23), GSD 360 (TOPIC 1), J S 365 (TOPIC 14), R S 357 (TOPIC 18), WGS 340 (TOPIC 66). also meets with LAH 350.
• 34135 TTH 930 - 1100 BUR 234 BOS, P

C L 180K INTRO TO COMPARATIVE LIT
Offered on the credit/no credit basis only. One-credit-hour proseminar in methods of study and research in comparative literature. Required of first-semester graduate students in comparative literature. Prerequisite: Graduate standing in comparative literature and consent of the graduate adviser in comparative literature.
• 34140 F 200 - 300P UTC 4.114

C L 381 BLACK ATLANTIC MODERNISMS
Course number may be repeated for credit when the topics vary. The study of literary periods, aspects of periods, or movements from a comparative point of view; topics include mystical literature of the Middle Ages and Renaissance humanism. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with E 397N, AFR 387D.
• 34145 W 300 - 600P MEZ 2.102 WILKS, J

C L 382 DANTE'S AFTERLIVES
Course number may be repeated for credit when the topics vary. Study of genres, literary forms, the relationships of literature and other disciplines from a comparative point of view; topics include comedy, sensibility, and the East and the West. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with ITL 390K.
• 34150 W 1200 - 300P HRH 2.106C RAFFA, G

SPACE AND PLACE IN LITERATURE
Course number may be repeated for credit when the topics vary. Study of genres, literary forms, the relationships of literature and other disciplines from a comparative point of view; topics include comedy, sensibility, and the East and the West. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with MEL 381, MES 386.
• 34155 M 200 - 500P BEN 1.118 GRUMBERG, K

TRANSLATION THEORY/PRACTICE
Course number may be repeated for credit when the topics vary. Study of genres, literary forms, the relationships of literature and other disciplines from a comparative point of view; topics include comedy, sensibility, and the East and the West. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with FR 381N.
• 34157 MW 1000 - 1130 HRH 2.106C FRIZZI, A

WOMEN WRITERS/INTELLECTUALS
Course number may be repeated for credit when the topics vary. Study of genres, literary forms, the relationships of literature and other disciplines from a comparative point of view; topics include comedy, sensibility, and the East and the West. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. meets with GER 386.
• 34160 TTH 1230 - 200P BUR 232 WILKINSON, L

C L 390 CONTEMPORARY LITERARY THEORY
Course number may be repeated for credit when the topics vary. Comparative study of major modern critical schools and figures in literary and cultural theory and criticism. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 34165 TTH 330 - 500P MEZ 1.104 WILKINSON, L

C L 391L CONF COURSE IN COMPARATIVE LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Tutorial courses on individually designed basis available through the home departments of members of the comparative literature faculty. Prerequisite: Graduate standing and consent of the graduate adviser in comparative literature.
• 34170

C L 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in comparative literature and consent of the graduate adviser; for 698B, Comparative Literature 698A and consent of the graduate adviser.
• 34175

C L 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in comparative literature and consent of the graduate adviser; for 698B, Comparative Literature 698A and consent of the graduate adviser.
• 34180

C L 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in comparative literature and consent of the graduate adviser.
• 34185

C L 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser in comparative literature.
• 34190

C L 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser in comparative literature.
• 34195

C L 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser in comparative literature.
• 34200

C L 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Comparative Literature 399R, 699R, or 999R, and consent of the graduate adviser in comparative literature.
• 34205

C L 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Comparative Literature 399R, 699R, or 999R, and consent of the graduate adviser in comparative literature.
• 34210

C L 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Comparative Literature 399R, 699R, or 999R, and consent of the graduate adviser in comparative literature.
• 34215

AMERICO PAREDES CENTER FOR CULTURAL STUDIES

Cultural Studies - CLS

DEPARTMENT OF ECONOMICS

Economics - ECO

ECO 301 INTRODUCTION TO ECONOMICS
Designed to accommodate 100 or more students. Introduction to the structure and functioning of the aggregate economy and specific markets, including the labor market, housing market, and financial markets. Basic concepts of market regulation and monetary and fiscal policy. Concepts used in the social and behavioral sciences for measuring and interpreting economic data. May not be counted toward a major in economics.
• 34270 MW 330 - 500P JGB 2.324 SHAMOUN, D

ECO 304K INTRO TO MICROECONOMICS-HONORS
Designed to accommodate 100 or more students. Restricted enrollment; contact the department for permission to register for this class. Analysis of the economic behavior of individual consumers, firms, and workers. Demand, supply, and market equilibrium. Impact of taxes, externalities, and market power on equilibrium. Restricted to students in the Plan I and Plan II Honors Program and to McCombs School of Business students in the Honors Program. meets with ECO 304K.
• 34275 TTH 330 - 500P BEL 328 WISEMAN, T
F 1100 - 1200 CBA 4.324

INTRODUCTION TO MICROECONOMICS
Analysis of the economic behavior of individual consumers, firms, and workers. Demand, supply, and market equilibrium. Impact of taxes, externalities, and market power on equilibrium.
• 34280 MW 800 - 930 UTC 2.112A THOMPSON, J

INTRODUCTION TO MICROECONOMICS
Designed to accommodate 100 or more students. Analysis of the economic behavior of individual consumers, firms, and workers. Demand, supply, and market equilibrium. Impact of taxes, externalities, and market power on equilibrium.
• 34285 MWF 1100 - 1200 SAC 1.402 HICKENBOTTOM, W
• 34290 MWF 100 - 200P WCH 1.120 HICKENBOTTOM, W
• 34295 MWF 400 - 500P UTC 2.112A SCHNEIDER, H

INTRODUCTION TO MICROECONOMICS
Designed to accommodate 100 or more students. Analysis of the economic behavior of individual consumers, firms, and workers. Demand, supply, and market equilibrium. Impact of taxes, externalities, and market power on equilibrium. meets with ECO 304K.
• 34300 TTH 330 - 500P BEL 328 WISEMAN, T

ECO 304L INTRODUCTION TO MACROECONOMICS
Designed to accommodate 100 or more students. Analysis of the economy as a whole. Measurement of output, the price level, and employment. Basic theories of the determination of Gross domestic product, investment and growth, and inflation. Introduction to fiscal policy and monetary policy. Prerequisite: Economics 304K with a grade of at least C-.
• 34305 MW 230 - 400P BEL 328 SADLER, M

ECO 420K MICROECONOMIC THEORY
Economic theory of the behavior of individuals, households, firms, and markets. Roles of relative prices and information, with a focus on constrained optimization. Economics 420K and 421K may not both be counted; required of students majoring in economics. Prerequisite: Economics 304K and 304L with a grade of at least C- in each; Economics 329 with a grade of at least C; and Mathematics 408C and408D, or 408K and 408L, or 408N and 408S, or 408K and 408S, or 408C and 408L, or 408C and 408S, or 408N and 408L, with a grade of at least C- ineach. Restricted (see headnote).
• 34310 TTH 330 - 500P UTC 3.132 THOMAS, C
F 100 - 200P MEZ 2.124
• 34315 TTH 330 - 500P UTC 3.132 THOMAS, C
F 200 - 300P MEZ 2.124
• 34320 MW 1230 - 200P CLA 1.106 OETTINGER, G
F 900 - 1000 GAR 1.126
• 34325 MW 1230 - 200P CLA 1.106 OETTINGER, G
F 100 - 200P GAR 1.126
• 34330 MW 200 - 330P PHR 2.108 OETTINGER, G
F 1000 - 1100 BUR 228
• 34335 MW 200 - 330P PHR 2.108 OETTINGER, G
F 1100 - 1200 GDC 4.302
• 34340 MW 200 - 330P PHR 2.108 OETTINGER, G
F 1200 - 100P SAC 5.102
• 34345 MW 200 - 330P PHR 2.108 OETTINGER, G
F 100 - 200P GDC 4.302

MICROECONOMIC THEORY
Economic theory of the behavior of individuals, households, firms, and markets. Roles of relative prices and information, with a focus on constrained optimization. Economics 420K and 421K may not both be counted; required of students majoring in economics. Prerequisite: Economics 304K and 304L with a grade of at least C- in each; Economics 329 with a grade of at least C; and Mathematics 408C and408D, or 408K and 408L, or 408N and 408S, or 408K and 408S, or 408C and 408L, or 408C and 408S, or 408N and 408L, with a grade of at least C- ineach.
• 34347 TTH 500 - 630P UTC 3.132 THOMAS, C
F 300 - 400P UTC 1.116
• 34348 TTH 500 - 630P UTC 3.132 THOMAS, C
F 400 - 500P UTC 1.116

April 3, 2026

course	unique	days	time	room	instructor

ECO 320L MACROECONOMIC THEORY

Theories of the determination of output, employment, and the price level. Basic models of growth. Design of monetary and fiscal policies,and the mechanisms by which they affect the economy. Required of students majoring in economics. Prerequisite: Economics 420K or 421K with a grade of at least C-. Restricted (see headnote).

• 34350	TTH	930 - 1100	WAG 201	GLOVER, A
• 34355	TTH	1100 - 1230P	GAR 0.102	COIBION, O

ECO 321 PUBLIC ECONOMICS

Study of appropriate allocations of economic activity between government(federal, state, and local) and the private sector. The workings of social security, welfare, education, pollution control, deregulation, taxation; and proposals for reform. Prerequisite: Economics 420K or 421K with a grade of at least C-.

• 34360	MW	930 - 1100	MEZ B0.306	CABRAL, M
• 34365	MWF	100 - 200P	CLA 1.104	SCHNEIDER, H

ECO 421K MICRO THEORY FOR BUSINESS

Microeconomic analysis and applications for business majors. Preferences, including behavioral factors. Consumer demand, industry supply, and market equilibrium. Decision-making under uncertainty. Information problems, moral hazard, and adverse selection. Game theory and behavioral game theory. Applications include insurance markets, financial markets, contracts, and strategic behavior in business settings. Economics 420K and 421K may not both be counted. Restricted to business majors. May not count toward a major in economics. Prerequisite: Economics 304K and 304L with a grade of at least C- in each; Mathematics 408C and 408D, or 408K and 408L, or 408N and 408S, or 408K and 408S, or 408C and 408L, or 408C and 408S, or 408N and 408L, with a grade of at least C- in each.

• 34370	TTH	800 - 930	CAL 100	THOMPSON, J
	F	800 - 900	UTC 1.116	
• 34375	TTH	800 - 930	CAL 100	THOMPSON, J
	F	1100 - 1200	PAR 105	
• 34380	TTH	800 - 930	CAL 100	THOMPSON, J
	F	300 - 400P	CBA 4.330	
• 34385	TTH	800 - 930	CAL 100	THOMPSON, J
	F	400 - 500P	CLA .120	

ECO 322 MONEY AND BANKING

Theories of financial intermediation and the role played by money. Financial policy and monetary policy in theory and practice. Only one of the following may be counted: Economics 322, Finance 354, 354H. Prerequisite: The following with a grade of at least C-: Economics 420K or 421K, and Economics 320L.

• 34390	MWF	900 - 1000	CBA 4.340	TRINQUE, B
• 34395	MWF	1000 - 1100	CBA 4.348	TRINQUE, B

ECO 323T 1-ECONOMIC HISTORY OF THE US

Course number may be repeated for credit when the topics vary. Role of economic forces in shaping history. Subjects may focus on a country or region of the world, or take a global perspective on economicmechanisms driving change. Economic history of the United States from colonial times to the present. Prerequisite: Economics 304K and 304L with a grade of at least C- in each.

• 34400	TTH	330 - 500P		VAN HORN, P

ECO 324 INTRO TO LABOR ECONOMICS

Labor markets in modern economies. Role of institutions and policies in shaping labor market outcomes for individuals and businesses. Prerequisite: Economics 420K or 421K with a grade of at least C-.

• 34405	TTH	930 - 1100	CLA 1.104	TREJO, S
• 34407	MW	1100 - 1230P	CBA 4.332	YOUNGBLOOD, S

ECO 325K HEALTH ECONOMICS

Explores medical care as a commodity, demand for health and medical services, economic behavior of medical care providers, and the functioning of medical insurance markets. Government regulation and provision of health care and health insurance. Only one of the following may be counted: Economics 325K, 330T (Topic: Health Economics), 330T (Topic 1), 350K (Topic: Health Economics), 350K (Topic 9). Prerequisite: Economics 420K or 421K with a grade of at least C-.

• 34410	MW	930 - 1100	UTC 1.118	GERUSO, M
• 34415	MW	1100 - 1230P	WRW 113	GERUSO, M

ECO 327 COMPARATIVE ECONOMIC SYSTEMS

Economic systems in theory and practice. Role of government and regulation. Prerequisite: Economics 304K and 304L with a grade of at least C- in each.

• 34420	MWF	800 - 900	GAR 1.134	TRINQUE, B

ECO 328 INDUSTRIAL ORGANIZATION

Organization of industries and markets; competition, monopoly, and oligopoly. Introduction to antitrust policy, regulatory policy, and other alternatives. Prerequisite: Economics 420K with a grade of at least C-.

• 34425	TTH	1100 - 1230P	CLA 1.104	SIBLEY, D
• 34427	TTH	1230 - 200P	WAG 214	MOSTASHARI, S

ECO 329 ECONOMIC STATISTICS

Restricted enrollment; contact the department for permission to register for this class. Interpretation of economic data. Introduction to statistical models, estimation, and inference in economics. Only one of the following may be counted: Economics 329, Statistics 309,309H. Prerequisite: Economics 304K and 304L with a grade of at least C- in each; and Mathematics 408C and 408D, or 408K and 408L, or 408N and 408S,or 408K and 408S, or 408C and 408L, or 408C and 408S, or 408N and 408L, with a grade of at least C- in each. Mandatory exams 7pm- 9pm Monday, October 1, and Wednesday October 31.

• 34430	TTH	330 - 500P	BUR 106	BENCIVENGA, V

ECO 339K INTERNATL TRADE AND INVESTMENT

Theories explaining the location of production facilities and patterns in international trade. Implications of international trade for per capita income, growth, and inequality. Only one of the following may be counted: Economics 339K, European Studies 348 (Topic 2), International Business 320F, 350, 350S. Prerequisite: Economics 420K or 421K with a grade of at least C-.

• 34435	TTH	1230 - 200P		MOSTASHARI, S
• 34437	MW	830 - 1000	PAR 301	PANDALAI-NAYAR, N
• 34438	MW	330 - 500P	WAG 420	PANDALAI-NAYAR, N

ECO 341K INTRODUCTION TO ECONOMETRICS

Parameter estimation and inference in regression models. Prerequisite: Economics 329 and 420K with a grade of at least C- in each.

• 34440	TTH	200 - 330P		XU, H

ECO 441K INTRODUCTION TO ECONOMETRICS

Parameter estimation and inference in regression models. Prerequisite: Economics 329 and 420K with a grade of at least C- in each.

• 34445	TTH	930 - 1100	JGB 2.216	YOUNGBLOOD, S
	F	900 - 1000	CAL 100	
• 34450	TTH	1100 - 1230P	CLA 0.126	DONALD, S
	F	1200 - 100P	PHR 2.110	
• 34455	TTH	200 - 330P	CLA 0.126	DONALD, S
	F	100 - 200P	PHR 2.110	
• 34456	TTH	800 - 930	JGB 2.218	XU, H
	F	200 - 300P	PHR 2.110	

ECO 348K 1-ADVANCED ECONOMETRICS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics in econometric modeling and estimation. Advanced econometric models for economic data and approaches to estimation and inference for those models. Economics 348K (Topic 1) and 350K (Topic 4) may not both be counted. Prerequisite: Economics 420K and 341K with a grade of at least C- in each; additional prerequisites may vary with the topic.

• 34457	TTH	1100 - 1230P	CBA 4.344	HAN, S

ECO 349K MIGRATION ECONOMICS/POLICY

Course number may be repeated for credit when the topics vary. Applications of economic theory, empirical methods, and policy analysis. Prerequisite: Economics 420K with a grade of at least C-; additional prerequisites may vary with the topic. Additional prerequisite: ECO 341K with a grade of at least C-.

• 34460	MW	100 - 230P	BUR 228	ANGELUCCI, M

1-LAW AND ECONOMICS

Course number may be repeated for credit when the topics vary. Applications of economic theory, empirical methods, and policy analysis. Only one of the following may be counted: Economics 349K (Topic: Law andEconomics), 349K (Topic 1), 330T (Topic 2). Prerequisite: Economics 420K with a grade of at least C-; additional prerequisites may vary with the topic.

• 34465	TTH	200 - 330P	ETC 2.132	SHAMOUN, D

ECO 350K ECONOMICS OF AUCTIONS

Course number may be repeated for credit when the topics vary. Topics in economic theory, and the application of theory to empirical models. Economics 330T and 350K may not both be counted unless the topics vary. Prerequisite: Economics 420K with a grade of at least C-; additional prerequisites may vary with the topic. Additional prerequisite: ECO 341K with a grade of at least C-.

• 34470	TTH	1100 - 1230P	MEZ 1.206	BALAT, J

ECO 351M MANAGERIAL ECONOMICS

Use of economic analysis and optimization as tools for improving managerial decision-making in business. Prerequisite: Economics 420K, and Economics 329 or Mathematics 362K, with a grade of at least C- in each.

• 34475	MW	930 - 1100	BRB 2.136	STINCHCOMBE, M

ECO 353K ANTITRUST LAW AND ECONOMICS

Economic analysis of antitrust law intended to deter firms from engagingin anti-competitive conduct that harms consumers, including mergers thatimpede competition, price-fixing, and anti-competitive practices by a dominant firm in an industry. Focus on various industries and select antitrust cases. Economics 350K (Topic: Antitrust Law and Economics) and Economics 353K may not both be counted. Prerequisite: Economics 420K with a grade of at least C-.

• 34480	TTH	200 - 330P	BRB 2.136	SIBLEY, D

ECO 354K INTRODUCTORY GAME THEORY

Introduction to the formal study of interdependent decision making. Applications of game theory include pricing and advertising strategies, labor-management bargaining, and tariff negotiations. Prerequisite: Economics 420K and 329 with a grade of at least C- in each.

• 34485	TTH	930 - 1100	BRB 2.136	BHASKAR, V
	F	200 - 300P	BRB 2.136	
• 34487	TTH	200 - 330P	UTC 3.104	STAHL, D

ECO 369F FINANCIAL ECONOMICS

Economic analysis of the operation of financial markets, including arbitrage theory, asset pricing, and corporate finance. Prerequisite: Economics 420K and 329 with a grade of at least C- in each.

• 34490	MW	1130 - 100P	CLA 1.104	BOYARCHENKO, S

ECO 378H HONORS TUTORIAL COURSE I

Hour(s) to be arranged. Supervised individual reading, research, and writing of a substantial paper on a special topic in the field of economics. Prerequisite: Upper-division

April 3, 2018

course	unique	days	time	room	instructor

standing, admission to the Economics HonorsProgram, and consent of the honors adviser.
• 34495

ECO 379H HONORS TUTORIAL COURSE II
Hour(s) to be arranged. Supervised individual reading, research, and writing of a substantial paper on a special topic in the field of economics. Prerequisite: Economics 378H.
• 34500

ECO 380 RESEARCH COURSE
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser in economics. Restricted to students in the Master of Arts in Economics program 24 month track.
• 34505

ECO 380D INTERNSHIP IN ECONOMICS
Hour(s) to be arranged. Practical working involvement with an appropriate business, government or research agency, or similar institution. Restricted to Master's students in the Economics Option III program. Prerequisite: Consent of the program adviser.
• 34510

INTERNSHIP IN ECONOMICS
Hour(s) to be arranged. Practical working involvement with an appropriate business, government or research agency, or similar institution. Restricted to Master's students in the Economics Option III program. Prerequisite: Consent of the program adviser. Restricted to students in the Master of Arts in Economics program 18 month track.
• 34515

INTERNSHIP IN ECONOMICS
Hour(s) to be arranged. Practical working involvement with an appropriate business, government or research agency, or similar institution. Restricted to Master's students in the Economics Option III program. Prerequisite: Consent of the program adviser. Restricted to students in the Master of Arts in Economics program 24 month track.
• 34520

ECO 384H SEMINAR IN PUBLIC ECONOMICS
Course number may be repeated for credit when the topics vary. Analysis of public expenditure and taxation. Economics 382L and 384H may not both be counted unless the topics vary. Prerequisite: Graduate standing.

• 34525	MW	200 - 330P	BRB 1.120	CABRAL, M

ECO 384J DEVELOPMENT ECONOMICS I
Course number may be repeated for credit when the topics vary. Analysis includes theories of economic development and planning. Economics 380K and 384J may not both be counted unless the topics vary. Prerequisite: Graduate standing.

• 34530	T	500 - 800P	BRB 1.120	ANGELUCCI, M

ECO 384K EMPIRICAL INDUSTRIAL ORGANIZTN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 34535	M	800 - 930	BRB 1.120	TOWN, R
	M	200 - 330P	BRB 1.120	

ECO 385C PROBABILITY AND STATISTICS
Economics 385C and 392M (Topic 19) may not both be counted. Prerequisite: Graduate standing.

• 34540	TTH	1100 - 1230P	BRB 1.120	XU, H

ECO 385D MATH FOR ECONOMISTS
Economics 385D and 392M (Topic 8) may not both be counted. Prerequisite: Graduate standing.

• 34545	MW	200 - 330P	BRB 1.118	STINCHCOMBE, M

ECO 385K 1-INTRO TO LABOR ECONOMICS
Course number may be repeated for credit when the topics vary. Analysis of the empirical and theoretical factors that influence labor markets. Prerequisite: Graduate standing.

• 34550	TTH	930 - 1100	BRB 1.120	MURPHY, R

ECO 386C MICROECONOMICS I
Economics 386C and 387L (Topic 1) may not both be counted. Prerequisite: Graduate standing.

• 34555	MW	1100 - 1230P	BRB 2.136	SKRETA, V

ECO 386E CORE CONCEPTS-MICROECONOMICS
Course number may be repeated for credit when the topics vary. Economics 386E and 387L may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with ECO 394K.

• 34560	TTH	930 - 1100	BRB 1.118	HOUGHTON, S

HEALTH ECONOMICS
Course number may be repeated for credit when the topics vary. Economics 386E and 387L may not both be counted unless the topics vary. Prerequisite: Graduate standing.

• 34565	T	200 - 500P	BRB 1.120	TOWN, R

MECHANISM/INFORMATN DESIGN
Course number may be repeated for credit when the topics vary. Economics 386E and 387L may not both be counted unless the topics vary. Prerequisite: Graduate standing.

• 34570	M	500 - 800P	BRB 1.118	SKRETA, V

RESEARCH SEMINAR: ADV MICRO
Course number may be repeated for credit when the topics vary. Economics 386E and 387L may not both be counted unless the topics vary. Prerequisite: Graduate standing.

• 34575	W	330 - 630P	BRB 2.136	GERUSO, M

1-INTRODUCTION TO GAME THEORY
Course number may be repeated for credit when the topics vary. Economics 386E and 387L may not both be counted unless the topics vary. Economics 386E (Topic 1) and 387L (Topic 27) may not both be counted. Prerequisite: Graduate standing.

• 34580	MW	930 - 1100	BRB 1.120	WISEMAN, T

ECO 387C MACROECONOMICS I
Economics 387C and 387L (Topic 2) may not both be counted. Prerequisite: Graduate standing. meets with ECO 395L.

• 34585	TTH	200 - 330P	BRB 1.118	GLOVER, A

ECO 387E RESEARCH SEMINAR: ADV MACRO
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 34590	T	1100 - 200P	BRB 1.102	PANDALAI-NAYAR, N

1-ADV MACROECONOMIC ANALYSIS I
Course number may be repeated for credit when the topics vary. Economics 387E (Topic 1) and 387L (Topic 15) may not both be counted. Prerequisite: Graduate standing.

• 34595	M	1100 - 200P	BRB 1.120	COIBION, O

ECO 387M WRITING SEMINAR IN ECONOMICS
May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.

• 34600	TH	330 - 500P	BRB 1.102	ABREVAYA, J
	F	330 - 500P	BRB 1.102	

WRITING SEMINAR IN ECONOMICS
Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.

• 34605	T	1230 - 200P	BRB 1.120	BHATTARAI, S
	F	930 - 1100	BRB 1.120	
• 34610	T	200 - 330P	BRB 1.102	MIRAVETE, E
	F	200 - 330P	BRB 1.102	
• 34615	TH	200 - 330P	BRB 1.120	WISEMAN, T
	F	1100 - 1230P	BRB 1.102	

ECO 388D ECONOMETRICS II
Economics 388D and 392M (Topic 3) may not both be counted. Prerequisite: Graduate standing.

• 34620	TTH	1100 - 1230P	BRB 2.136	KLINE, B

ECO 388E RESEARCH SEMINAR: ADV METRICS
Course number may be repeated for credit when the topics vary. Economics 388E and 392M may not be both be counted unless the topics vary. Prerequisite: Graduate standing.

• 34625	M	330 - 630P	BRB 2.136	TOWN, R

STRUCTURAL ECONOMETRICS
Course number may be repeated for credit when the topics vary. Economics 388E and 392M may not be both be counted unless the topics vary. Prerequisite: Graduate standing.

• 34630	F	1100 - 1230P	BRB 1.120	ACKERBERG, D
	F	200 - 330P	BRB 1.120	

2-ADV ECONOMETRIC THEORY II
Course number may be repeated for credit when the topics vary. Economics 388E and 392M may not be both be counted unless the topics vary. Economics 388E (Topic 2) and 392M (Topic 7) may not both be counted. Prerequisite: Graduate standing.

• 34635	TH	330 - 630P	BRB 1.120	HAN, S

ECO 394K MICROECONOMICS
Restricted enrollment; contact the department for permission to register for this class. Rigorous introduction to the methods of microeconomic theory, including consumer and producer theory, decision under uncertainty, markets and competition, and general equilibrium. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics (option III) program. meets with ECO 394K, ECO 386E.

• 34640	TTH	930 - 1100	BRB 1.118	HOUGHTON, S

MICROECONOMICS
Rigorous introduction to the methods of microeconomic theory, including consumer and producer theory, decision under uncertainty, markets and competition, and general equilibrium. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 18 month track. meets with ECO 394K, ECO 386E.

• 34645	TTH	930 - 1100	BRB 1.118	HOUGHTON, S

MICROECONOMICS
Rigorous introduction to the methods of microeconomic theory, including consumer and producer theory, decision under uncertainty, markets and competition, and general equilibrium. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 24 month track. meets with ECO 394K, ECO 386E.

• 34650	TTH	930 - 1100	BRB 1.118	HOUGHTON, S

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ECO 394L MACROECONOMICS
Dynamic optimization concepts and methods used in modern macroeconomics. General equilibrium applications in the areas of economic growth, business cycles, and the role of monetary and fiscal policy. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. meets with ECO 394L.
• 34655 MW 1100 - 1230P BRB 1.118 ZERVOU, A

MACROECONOMICS
Restricted enrollment; contact the department for permission to register for this class. Dynamic optimization concepts and methods used in modern macroeconomics. General equilibrium applications in the areas of economic growth, business cycles, and the role of monetary and fiscal policy. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to master?s students in the economics option III program meets with ECO 394L.
• 34660 MW 1100 - 1230P BRB 1.118 ZERVOU, A

MACROECONOMICS
Dynamic optimization concepts and methods used in modern macroeconomics. General equilibrium applications in the areas of economic growth, business cycles, and the role of monetary and fiscal policy. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 18 month track. meets with ECO 394L.
• 34665 MW 1100 - 1230P BRB 1.118 ZERVOU, A

MACROECONOMICS
Dynamic optimization concepts and methods used in modern macroeconomics. General equilibrium applications in the areas of economic growth, business cycles, and the role of monetary and fiscal policy. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 24 month track. meets with ECO 394L.
• 34670 MW 1100 - 1230P BRB 1.118 ZERVOU, A

ECO 394M ECONOMETRICS
Identification and estimation of linear and nonlinear regression models;inference and hypothesis testing. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. meets with ECO 394M.
• 34675 MW 930 - 1100 BRB 1.118 ABREVAYA, J

ECONOMETRICS
Restricted enrollment; contact the department for permission to register for this class. Identification and estimation of linear and nonlinear regression models;inference and hypothesis testing. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics (option III) program. meets with ECO 394M.
• 34680 MW 930 - 1100 BRB 1.118 ABREVAYA, J

ECONOMETRICS
Identification and estimation of linear and nonlinear regression models;inference and hypothesis testing. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 18 month track. meets with ECO 394M.
• 34685 MW 930 - 1100 BRB 1.118 ABREVAYA, J

ECONOMETRICS
Identification and estimation of linear and nonlinear regression models;inference and hypothesis testing. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 24 month track. meets with ECO 394M.
• 34690 MW 930 - 1100 BRB 1.118 ABREVAYA, J

ECO 395K MARKETS FOR ELECTRICITY
Course number may be repeated for credit when the topics vary. Restricted to Option III economics master's degree students. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 10 month track. meets with ECO 395K, P A 388K.
• 34695 M 515 - 815P BRB 1.120 ZARNIKAU, J

MARKETS FOR ELECTRICITY
Course number may be repeated for credit when the topics vary. Restricted to Option III economics master's degree students. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 18 month track. meets with ECO 395K, P A 388K.
• 34700 M 515 - 815P BRB 1.120 ZARNIKAU, J

MARKETS FOR ELECTRICITY
Course number may be repeated for credit when the topics vary. Restricted to Option III economics master's degree students. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 24 month track. meets with ECO 395K, P A 388K.
• 34705 M 515 - 815P BRB 1.120 ZARNIKAU, J

ECO 395L ADVANCED MACROECONOMICS I
Course number may be repeated for credit when the topics vary. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics (option III) program. meets with ECO 387C.
• 34710 TTH 200 - 330P BRB 1.118 GLOVER, A

INTERNATIONAL ECONOMICS
Course number may be repeated for credit when the topics vary. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics (option III) program. meets with ECO 395L.
• 34715 TTH 1100 - 1230P BRB 1.118 MOSTASHARI, S

INTERNATIONAL ECONOMICS
Course number may be repeated for credit when the topics vary. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 18 month track. meets with ECO 395L.
• 34720 TTH 1100 - 1230P BRB 1.118 MOSTASHARI, S

INTERNATIONAL ECONOMICS
Course number may be repeated for credit when the topics vary. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics 24 month track. meets with ECO 395L.
• 34725 TTH 1100 - 1230P BRB 1.118 MOSTASHARI, S

ECO 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in economics, twelve semester hours of upper-division or graduate coursework in economics, and consentof the graduate adviser; for 698B, Economics 698A.
• 34730

ECO 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in economics, twelve semester hours of upper-division or graduate coursework in economics, and consentof the graduate adviser; for 698B, Economics 698A.
• 34735

ECO 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 34740

ECO 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 34745

ECO 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 34750

ECO 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Economics 399R, 699R, or 999R.
• 34755

ECO 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Economics 399R, 699R, or 999R.
• 34760

ECO 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Economics 399R, 699R, or 999R.
• 34765

DEPARTMENT OF ENGLISH

Creative Writing - CRW
English - E

CRW 315D PLAYWRITING I
The study and practice of writing plays. Creative Writing 315D and Theater and Dance 315 may not both be counted. same as T D 315.
• 34816 TTH 1100 - 1230P WIN B.202 CHIU, I
• 34817 TTH 1230 - 200P WIN B.202 MARINELLI, D

CRW 325 PERSONAL ESSAY
Course number may be repeated for credit when the topics vary. Detailed study and practice of the techniques of biography, creative nonfiction, or other special topics of creative writing; includes reading and analysis of contemporary models. Creative Writing 325 and English 325 may not both be counted unless the topics vary. Prerequisite: One of the following: Comparative Literature 315, English 303D (or 603B), 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or316K), or Tutorial Course 303D (or 603B).
• 34820 MWF 1200 - 100P PAR 210 CASARES, O

CRW 325F FICTION WRITING
Detailed study and practice of the techniques of fiction writing; includes reading and analysis of contemporary models. Only one of the following may be counted: Creative Writing 325F, English325 (Topic 1: Creative Writing: Fiction), 325F. Prerequisite: One of the following: Comparative Literature 315, English 303D (or 603B), 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or316K), or Tutorial Course 303D (or 603B). Restricted to students in the Creative Writing Certificate program.
• 34825 MWF 900 - 1000 CLA 0.122
• 34830 TTH 200 - 330P CAL 200 LISICKY, P

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course	unique	days	time	room	instructor
	• 34835	MW	230 - 400P	CAL 221	LASALLE, P

CRW 325P POETRY WRITING

Designed to accommodate 35 or fewer students. Detailed study and practice of the techniques of poetry writing; includes reading and analysis of contemporary models. Only one of the following may be counted: Creative Writing 325P, English325 (Topic 2: Creative Writing: Poetry), 325P. Prerequisite: One of the following: Comparative Literature 315, English 303D (or 603B), 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or316K), or Tutorial Course 303D (or 603B). Restricted to students in the Creative Writing Certificate program.

• 34875	TTH	200 - 330P	MEZ 1.118	REEVES, R

CRW 330 LITERATURE FOR WRITERS

Readings in fiction, poetry, drama, literary criticism, biography, and autobiography from the point of view of a creative writer. Prerequisite: One of the following: Creative Writing 325 (or English 325), 325F (or English 325F), 325M, 325P (or English 325P).

• 34880	TTH	930 - 1100	CBA 4.336	HEINZELMAN, K
• 34885	MW	400 - 530P	CAL 200	BERRY, B

CRW 340D PLAYWRITING II

Emphasis on the form and writing of the full-length play or equivalent. Creative Writing 340D and Theatre and Dance 325 may not both be counted. Prerequisite: Upper-division standing, Creative Writing 315D or Theatre and Dance 315, and consent of instructor. same as T D 325. also meets with T D 303.

• 34888	TTH	1100 - 1230P	LTH 1.110	ENGELMAN, E

CRW 355D PLAYWRITING III

Designed to accommodate 35 or fewer students. Focus on experiments in revising dramatic text in order to create a common vocabulary around narrative structure. Revision often includes the creation of multiple new drafts, digging through past drafts for abandoned themes, lost focus, and new inspiration as well as exploring character, narrative, and/or language. Only one of the following may be counted: Creative Writing 355D, Theatreand Dance 355T (Topic: Playwriting III), 355. Prerequisite: Upper-division standing, Creative Writing 340D or Theatre and Dance 325, and consent of instructor. same as T D 355.

• 34894	MW	1230 - 200P	LTH 1.110	SHAW, P

CRW 355F ADVANCED FICTION WORKSHOP

A third semester seminar-style workshop in fiction for experienced creative writers. Only one of the following may be counted: Creative Writing 355F, 660, English 355K. Prerequisite: Creative Writing 340F (or English 341). Restricted to students in the Creative Writing Certificate program.

• 34895	TTH	930 - 1100	PAR 310	HARVEY, J
• 34900	MW	400 - 530P	CAL 221	LASALLE, P

ADVANCED FICTION WORKSHOP

Designed to accommodate 35 or fewer students. A third semester seminar-style workshop in fiction for experienced creative writers. Only one of the following may be counted: Creative Writing 355F, 660, English 355K. Prerequisite: Creative Writing 340F (or English 341). Restricted to students in the Creative Writing Certificate program.

• 34905	TTH	330 - 500P	PAR 302	UNFERTH, D

CRW 355P ADVANCED POETRY WORKSHOP

A third semester seminar-style workshop in poetry for experienced creative writers. Creative Writing 355P and English 355K may not both be counted. Prerequisite: Creative Writing 340P (or English 341L). Restricted to students in the Creative Writing Certificate program.

• 34910	TTH	1100 - 1230P	PAR 214	YOUNG, D

E 303C PLAN II WORLD LIT PART I

Restricted to students registered under Plan II for the BA degree. Reading of masterpieces of world literature and intensive training in writing and in critical analysis of literature. Only one of the following may be counted: English 603A, 303C, Rhetoric and Writing 306, 306Q, Tutorial Course 603A, 303C. Restricted to Plan II students.

• 34965	TTH	930 - 1100	CAL 200	FRIEDMAN, A
• 34970	TTH	930 - 1100	CAL 323	REBHORN, W
• 34975	TTH	930 - 1100	CLA 0.108	HOAD, N
• 34980	TTH	930 - 1100	CRD 007A	ARJOMAND, M
• 34985	TTH	930 - 1100	CRD 007B	WOODS, M
• 34990	TTH	930 - 1100	PAR 210	BARRET, J
• 34995	MWF	1100 - 1200	CLA 0.108	GARCIA, P
• 35000	MWF	1100 - 1200	CLA 0.120	MOORE, L
• 35005	MWF	1100 - 1200	CRD 007A	DOHERTY, B
• 35010	MWF	1100 - 1200	CRD 007B	CHRISTIAN, G
• 35015	MWF	1100 - 1200	PAR 310	WOODARD, H

E 310C LIT/COMMUNITY ENGAGEMENT

Designed to accommodate 35 or fewer students.

• 35020	MWF	200 - 300P	CLA 0.122	MOORE, L

E 310F LITERATURE/FILM/OTHER ARTS

Designed to accommodate 100 or more students. Survey of preeminent films of the twentieth century alongside a consideration of the literary works that most influenced them. Explores different modes of close reading and skills to critically analyze texts in a variety of literary and media formats. Focus on connections betweendifferent modes of modern expression and critical analysis. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

• 35025	TTH	200 - 330P	JGB 2.324	KORNHABER, D
	M	1000 - 1100	JES A217A	
• 35030	TTH	200 - 330P	JGB 2.324	KORNHABER, D
	M	1000 - 1100	MEZ 2.122	
• 35035	TTH	200 - 330P	JGB 2.324	KORNHABER, D
	M	1100 - 1200	JES A217A	
• 35040	TTH	200 - 330P	JGB 2.324	KORNHABER, D
	M	1200 - 100P	GDC 2.410	
• 35045	TTH	200 - 330P	JGB 2.324	KORNHABER, D
	M	300 - 400P	PAR 101	
• 35050	TTH	200 - 330P	JGB 2.324	KORNHABER, D
	M	400 - 500P	CLA 0.104	
• 35055	TTH	200 - 330P	JGB 2.324	KORNHABER, D
	M	400 - 500P	PAR 101	
• 35060	TTH	200 - 330P	JGB 2.324	KORNHABER, D
	M	500 - 600P	CLA 1.108	

E 314J 1-LITERATURE AND FILM

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Readings selected to highlight the connections between literary study and other fields of inquiry. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), or 316P (or 316K). English 314J (Topic: Literature and Film) and 314J (Topic 1) may not both be counted. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

• 35065	TTH	1100 - 1230P	MEZ 1.216	
• 35070	MWF	200 - 300P	BEN 1.122	
• 35075	TTH	200 - 330P	CMA 5.190	
• 35084	MWF	900 - 1000	PAR 308	LEISNER, K

E 314L 3-BANNED BOOKS AND NOVEL IDEAS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Emphasis on skills and methods used in upper-division English courses; intensive practice in writing; and an introduction to field-specific research. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), or 316P (or 316K). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

• 35085	TTH	1100 - 1230P	GAR 0.120	
• 35090	TTH	1230 - 200P	PAR 308	SHEARER, K
• 35095	TTH	200 - 330P	BEN 1.122	
• 35100	TTH	930 - 1100	PAR 308	COURTRIGHT, N
• 35105	MWF	1000 - 1100	PAR 204	HINES, Z

4-TEXTS AND CONTEXTS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Emphasis on skills and methods used in upper-division English courses; intensive practice in writing; and an introduction to field-specific research. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), or 316P (or 316K). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

• 35110	MWF	1000 - 1100	BEN 1.126	BIRKHOLZ, D
• 35115	MW	1130 - 100P	JES A203A	WOJCIEHOWSKI, H

4-TEXTS AND CONTEXTS-HON

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Emphasis on skills and methods used in upper-division English courses; intensive practice in writing; and an introduction to field-specific research. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), or 316P (or 316K). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). Restricted to students in the Plan I Honors Program and English Honors students.

• 35120	MWF	1100 - 1200	PAR 210	KEVORKIAN, M

5-READING POETRY

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Emphasis on skills and methods used in upper-division English courses; intensive practice in writing; and an introduction to field-specific research. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), or 316P (or 316K). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

• 35125	TTH	200 - 330P	JES A207A	

9-CULT CLASSICS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Emphasis on skills and methods used in upper-division English courses; intensive practice in writing; and an introduction to field-specific research. An introduction to literary analysis focusing on works that have become cult classics. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), or 316P (or 316K). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

• 35135	MWF	100 - 200P	CLA 0.122	OMIDSALAR, A

10-GOODREADS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Emphasis on skills and methods used in upper-division English courses; intensive practice in writing; and an introduction to field-specific research. An introduction to literary analysis, focusing on building a literary community. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), or 316P (or 316K). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

• 35140	TTH	330 - 500P	BEN 1.124	
• 35144	TTH	1100 - 1230P	BEN 1.122	CLARK, A

April 3, 2018

course	unique	days	time	room	instructor

E 314V

1-AFRICAN AMERICAN LIT AND CUL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Readings focus on minority and ethnic American literatures in their cultural contexts with an emphasis on skills and methods. Intensive practice in writing and an introduction to field-specific research. Explores texts, drawn from a variety of genres and periods, that indicate the range of African American experiences and how those experiences are influenced by issues such as class, ethnicity, gender, sexuality, and race. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or 316K). African and African Diaspora Studies 317F (Topic 1) and English 314V (Topic 1) may not both be counted. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). same as AFR 317F (TOPIC 1).

course	unique	days	time	room	instructor
•	35150	TTH	330 - 500P	PAR 210	RIVERA-DUNDAS, A

2-ASIAN AMERICAN LIT & CULTURE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Readings focus on minority and ethnic American literatures in their cultural contexts with an emphasis on skills and methods. Intensive practice in writing and an introduction to field-specific research. Explores how authors and artists over the course of the past century have imagined what it means to be Asian American. Covers a diverse range of Asian immigrant histories and the formation of Asian American identities according to ethnicity, gender, sexuality, class, and citizenship. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or 316K). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). same as AAS 314.

course	unique	days	time	room	instructor
•	35155	TTH	1230 - 200P	GAR 2.128	MISHRA, A

3-MEXICAN AMERICAN LIT AND CUL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Readings focus on minority and ethnic American literatures in their cultural contexts with an emphasis on skills and methods. Intensive practice in writing and an introduction to field-specific research. Representative Chicano writers and genres, such as poetry, prose fiction, and theatre. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or 316K). English 314V (Topic 3) and Mexican American Studies 314 may not both be counted. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or 316K). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). Additional prerequisite: English 303C (or 603A), Rhetoric and Writing 306, 306Q, or Tutorial Course 303C (or 603A). same as MAS 314.

course	unique	days	time	room	instructor
•	35160	MWF	100 - 200P	MEZ 1.206	
•	35165	TTH	200 - 330P	PAR 308	

4-GAY & LESBIAN LIT & CULTURE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Readings focus on minority and ethnic American literatures in their cultural contexts with an emphasis on skills and methods. Intensive practice in writing and an introduction to field-specific research. American writing by gay, lesbian, bisexual, transgender, or queer authors and/or with gay, lesbian, bisexual, transgender, or queer themes. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or 316K). English 314V (Topic 4) and Women's and Gender Studies 301 (Topic 12) may not both be counted. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). same as WGS 301 (TOPIC 12).

course	unique	days	time	room	instructor
•	35170	TTH	930 - 1100	MEZ 1.102	
•	35172	MWF	100 - 200P	PAR 105	EGAN, J

5-NATIVE AMERICAN LIT AND CUL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Readings focus on minority and ethnic American literatures in their cultural contexts with an emphasis on skills and methods. Intensive practice in writing and an introduction to field-specific research. Studies Native American literature from different regions and cultures and considers this literary tradition in tribal national and United States national contexts. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or 316K). Only one of the following may be counted: American Studies 315 (Topic: Native American Literature and Culture), 315F, English 314V (Topic 5). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). same as AMS 315F.

course	unique	days	time	room	instructor
•	35175	TTH	1100 - 1230P		

6-WOMEN, GENDER, LIT, CULTURE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Readings focus on minority and ethnic American literatures in their cultural contexts with an emphasis on skills and methods. Intensive practice in writing and an introduction to field-specific research. An introduction to literary analysis focusing on women's and gender studies. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or 316K). English 314V (Topic 6) and Women's and Gender Studies 301 (Topic 27) may not both be counted. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). same as WGS 301 (TOPIC 27).

course	unique	days	time	room	instructor
•	35180	MWF	900 - 1000	PAR 303	

E 316L

BRITISH LITERATURE

Designed to accommodate 100 or more students. Introduction to masterpieces of the British literary tradition, emphasizing historical, generic, and thematic connections. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

course	unique	days	time	room	instructor
•	35190	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		W	1200 - 100P	JES A207A	
•	35195	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		W	1200 - 100P	SZB 526	
•	35200	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		W	100 - 200P	SZB 524	
•	35205	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		W	200 - 300P	JES A215A	
•	35210	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		W	200 - 300P	RLM 6.112	
•	35215	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		W	300 - 400P	JES A203A	
•	35220	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		TH	330 - 430P	BEN 1.104	
•	35225	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		TH	330 - 430P	BEN 1.108	
•	35230	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		TH	330 - 430P	JES A209A	
•	35235	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		TH	430 - 530P	JES A215A	
•	35240	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		TH	430 - 530P	MEZ 1.202	
•	35245	MWF	900 - 1000	WCH 1.120	BRUSTER, D
		TH	430 - 530P	PAR 208	
•	35250	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		W	800 - 900	JES A207A	
•	35255	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		W	800 - 900	PAR 208	
•	35260	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		W	900 - 1000	JES A207A	
•	35265	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		W	900 - 1000	PAR 103	
•	35270	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		W	1000 - 1100	SZB 426	
•	35275	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		W	1100 - 1200	SZB 284	
•	35280	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		W	300 - 400P	MEZ 1.216	
•	35285	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		T	330 - 430P	BEN 1.108	
•	35290	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		T	330 - 430P	RLM 6.112	
•	35295	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		W	400 - 500P	MEZ 1.216	
•	35300	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		T	430 - 530P	BEN 1.108	
•	35305	TTH	1100 - 1230P	WCH 1.120	CHRISTIAN, G
		T	430 - 530P	RLM 6.112	
•	35310	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	900 - 1000	PAR 103	
•	35315	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	900 - 1000	SZB 284	
•	35320	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	1000 - 1100	PAR 103	
•	35325	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	1000 - 1100	SZB 284	
•	35330	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	1100 - 1200	SZB 240	
•	35335	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	1100 - 1200	SZB 416	
•	35340	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	1200 - 100P	PAR 303	
•	35345	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	1200 - 100P	SZB 286	
•	35350	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	100 - 200P	PAR 303	
•	35355	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	100 - 200P	SZB 284	
•	35360	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	200 - 300P	MEZ 1.120	
•	35365	TTH	1230 - 200P	WCH 1.120	HEDRICK, E
		M	300 - 400P	MEZ 1.102	
•	35370	MW	230 - 400P	MEZ 1.306	MALLIN, E
		T	330 - 430P	MEZ 1.118	
•	35375	MW	230 - 400P	MEZ 1.306	MALLIN, E
		M	400 - 500P	MEZ 1.216	
•	35380	MW	230 - 400P	MEZ 1.306	MALLIN, E
		T	430 - 530P	MEZ 1.118	
•	35385	MW	230 - 400P	MEZ 1.306	MALLIN, E
		M	500 - 600P	JES A215A	
•	35390	MW	230 - 400P	MEZ 1.306	MALLIN, E
		M	500 - 600P	MEZ 2.124	
•	35395	MW	230 - 400P	MEZ 1.306	MALLIN, E
		M	500 - 600P	PAR 303	
•	35400	MW	230 - 400P	MEZ 1.306	MALLIN, E
		M	600 - 700P	JES A207A	
•	35405	MW	230 - 400P	MEZ 1.306	MALLIN, E
		M	600 - 700P	PAR 304	
•	35410	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	800 - 900	GAR 0.128	

August 3, 2018

course	unique	days	time	room	instructor
	• 35415	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	800 - 900	SZB 526	
	• 35420	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	900 - 1000	GAR 1.134	
	• 35425	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	1000 - 1100	SZB 526	
	• 35430	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	1100 - 1200	GAR 1.134	
	• 35435	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	1100 - 1200	PAR 308	
	• 35440	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	1200 - 100P	MEZ 1.202	
	• 35445	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	1200 - 100P	SZB 422	
	• 35450	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	100 - 200P	SZB 286	
	• 35455	TTH	330 - 500P	JES A121A	HEDRICK, E
		F	100 - 200P	SZB 422	
	• 35460	TTH	330 - 500P	JES A121A	HEDRICK, E
		TH	500 - 600P	JGB 2.202	
	• 35465	TTH	330 - 500P	JES A121A	HEDRICK, E
		TH	500 - 600P	WAG 308	
	• 35470	TTH	330 - 500P	JES A121A	HEDRICK, E
		TH	600 - 700P	JGB 2.202	
	• 35475	TTH	330 - 500P	JES A121A	HEDRICK, E
		TH	600 - 700P	WAG 308	

BRITISH LITERATURE

Designed to accommodate 35 or fewer students. Introduction to masterpieces of the British literary tradition, emphasizing historical, generic, and thematic connections. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

	• 35480	TTH	330 - 500P		

E 316M AMERICAN LITERATURE

Designed to accommodate 100 or more students. Introduction to masterpieces of the American literary tradition, emphasizing historical, generic, and thematic connections. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

	• 35490	TTH	930 - 1100	SAC 1.402	COX, J
		W	800 - 900	GAR 0.128	
	• 35495	TTH	930 - 1100	SAC 1.402	COX, J
		W	800 - 900	GAR 2.112	
	• 35500	TTH	930 - 1100	SAC 1.402	COX, J
		W	800 - 900	SZB 240	
	• 35505	TTH	930 - 1100	SAC 1.402	COX, J
		W	900 - 1000	GAR 2.112	
	• 35510	TTH	930 - 1100	SAC 1.402	COX, J
		W	900 - 1000	SZB 422	
	• 35515	TTH	930 - 1100	SAC 1.402	COX, J
		W	1000 - 1100	GAR 0.128	
	• 35520	TTH	930 - 1100	SAC 1.402	COX, J
		W	1000 - 1100	JES A217A	
	• 35525	TTH	930 - 1100	SAC 1.402	COX, J
		W	1100 - 1200	GAR 2.128	
	• 35530	TTH	930 - 1100	SAC 1.402	COX, J
		W	1100 - 1200	JES A215A	
	• 35535	TTH	930 - 1100	SAC 1.402	COX, J
		W	1200 - 100P	MEZ 1.202	
	• 35540	TTH	930 - 1100	SAC 1.402	COX, J
		W	1200 - 100P	SZB 284	
	• 35545	TTH	930 - 1100	SAC 1.402	COX, J
		W	100 - 200P	SZB 284	
	• 35550	TTH	930 - 1100	SAC 1.402	COX, J
		W	200 - 300P	JES A217A	
	• 35555	TTH	930 - 1100	SAC 1.402	COX, J
		W	300 - 400P	JES A217A	
	• 35560	TTH	930 - 1100	SAC 1.402	COX, J
		W	300 - 400P	PAR 204	
	• 35565	TTH	930 - 1100	SAC 1.402	COX, J
		W	400 - 500P	MEZ 1.120	
	• 35570	TTH	930 - 1100	SAC 1.402	COX, J
		W	400 - 500P	PAR 101	
	• 35575	TTH	930 - 1100	SAC 1.402	COX, J
		W	500 - 600P	MEZ 2.124	
	• 35580	MW	1000 - 1130	ART 1.102	BARRISH, P
		M	1200 - 100P	SZB 422	
	• 35585	MW	1000 - 1130	ART 1.102	BARRISH, P
		M	100 - 200P	SZB 422	
	• 35590	MW	1000 - 1130	ART 1.102	BARRISH, P
		M	200 - 300P	MEZ 2.124	
	• 35595	MW	1000 - 1130	ART 1.102	BARRISH, P
		M	200 - 300P	PAR 101	
	• 35600	MW	1000 - 1130	ART 1.102	BARRISH, P
		M	300 - 400P	MEZ 1.210	
	• 35605	MW	1000 - 1130	ART 1.102	BARRISH, P
		M	300 - 400P	MEZ 2.124	
	• 35610	MW	1000 - 1130	ART 1.102	BARRISH, P
		T	330 - 430P	SZB 422	
	• 35615	MW	1000 - 1130	ART 1.102	BARRISH, P
		M	400 - 500P	JES A216A	
	• 35620	MW	1000 - 1130	ART 1.102	BARRISH, P
		M	400 - 500P	MEZ 1.212	
	• 35625	MW	1000 - 1130	ART 1.102	BARRISH, P
		T	430 - 530P	SZB 422	

AMERICAN LITERATURE

Designed to accommodate 35 or fewer students. Introduction to masterpieces of the American literary tradition, emphasizing historical, generic, and thematic connections. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

	• 35630	TTH	1100 - 1230P	CLA 0.106	

E 316N WORLD LITERATURE

Designed to accommodate 35 or fewer students. Introduction to masterpieces of world literature, emphasizing historical, generic, and thematic connections. Only one of the following may be counted: Comparative Literature 315, English 303D, (603B), 316N, Tutorial Course 303D, (603B). Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A). meets with C L 315.

	• 35635	MWF	100 - 200P	WAG 308	NEHRING, N
	• 35637	MWF	1100 - 1200	CLA 0.118	TURLEY, E

E 316P MASTERWORKS OF LITERATURE

Designed to accommodate 100 or more students. Introduction to masterpieces of literature, emphasizing historical, generic, and thematic connections. Prerequisite: One of the following: English 303C (or 603A), Rhetoric andWriting 306, 306Q, or Tutorial Course 303C (or 603A).

	• 35640	TTH	330 - 500P	UTC 4.124	BERRY, B
		F	900 - 1000	PAR 103	
	• 35645	TTH	330 - 500P	UTC 4.124	BERRY, B
		F	1000 - 1100	PAR 306	
	• 35650	TTH	330 - 500P	UTC 4.124	BERRY, B
		F	1000 - 1100	SZB 422	
	• 35655	TTH	330 - 500P	UTC 4.124	BERRY, B
		F	1100 - 1200	SZB 526	

E 318Q SUPERVISED RESEARCH

Hour(s) to be arranged. May be repeated for credit. Student-initiated research conducted with instructor supervision. May be taken twice for credit. Prerequisite: Approval of written application by supervising instructor and the undergraduate faculty adviser.

	• 35660				

E 320L MAJ WRTRS: RESTORATN/18TH CEN

A study of the principal writers: Dryden, Pope, Swift, Johnson, Boswell, Burns, and others. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

	• 35665	MWF	1000 - 1100		

E 321 SHAKESPEARE

Designed to accommodate 35 or fewer students. A selection from the works of William Shakespeare. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

	• 35670	MWF	1200 - 100P	JES A216A	GARCIA, P
	• 35675	MW	400 - 530P	PAR 302	MALLIN, E
	• 35680	TTH	200 - 330P	PAR 208	REBHORN, W

E 323L ENGLISH AS A WORLD LANGUAGE

Designed to accommodate 35 or fewer students. An account of the spread of English around the world; national, social, and regional varieties. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as LIN 323L.

	• 35685	TTH	200 - 330P	PAR 306	HINRICHS, L

E 329R THE ROMANTIC PERIOD

Designed to accommodate 35 or fewer students. The prose and poetry of writers such as Blake, Wordsworth, Coleridge, Byron, Keats, Shelley, and others. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

	• 35690	TTH	1100 - 1230P	PAR 105	HEINZELMAN, K

E 336E BRITISH LIT: BEGIN-RENAISSANCE

Designed to accommodate 35 or fewer students. A survey of major writers, poetry, and prose. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

	• 35695	MW	1130 - 100P	PAR 105	BLOCKLEY, M

E 337 AMER LIT: FROM BEGIN TO 1865

Designed to accommodate 35 or fewer students. A survey of major writers, poetry, and prose. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

	• 35700	TTH	1230 - 200P	PAR 204	

E 337E BRIT LIT: RESTORATION-ROMANTIC

Designed to accommodate 35 or fewer students. A survey of major writers, poetry, and prose. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

	• 35705	TTH	800 - 930	GAR 1.134	RUMRICH, J

April 3, 2018

course unique days time room instructor

E 342S SOUTHERN LITERATURE
Designed to accommodate 35 or fewer students. Introduction to and survey of the literature of the United States South.Explores methods of literary and cultural interpretation with focus on critical thinking, reading, and writing skills. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35720 MWF 1000 - 1100 PAR 308 HUTCHISON, C

E 343L MODERNISM AND LITERATURE-HON
Designed to accommodate 35 or fewer students. Strands of thought and literature that form the network of modernist writing. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. Restricted to students in the English Honors program. meets with LAH 350.
• 35725 TTH 1230 - 200P CAL 419 CARTER, M

E 348 THE SHORT STORY
Designed to accommodate 35 or fewer students. Extensive readings and analyses of stories by major modern writers such as Faulkner, Hemingway, Joyce, Chekhov, and Kafka, as well as contemporary writers. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35730 MWF 1100 - 1200 MALLIN, E
• 35735 TTH 330 - 500P PAR 204 DOHERTY, B

E 349S ELIOT AND HARDY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive study of the works of a single major author or two major authors. Only one of the following may be counted unless the topics vary: English322, 349S, 370W, 376M. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35740 MWF 200 - 300P PAR 204 FERREIRA-BUCKLEY

FAULKNER AND O'CONNOR-HONORS
Course number may be repeated for credit when the topics vary. Intensive study of the works of a single major author or two major authors. Only one of the following may be counted unless the topics vary: English322, 349S, 370W, 376M. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. Restricted to students in the English honors program. meets with LAH 350.
• 35745 MW 230 - 400P BUR 228 HUTCHISON, C

1-JANE AUSTEN
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive study of the works of a single major author or two major authors. Only one of the following may be counted unless the topics vary: English322, 349S, 370W, 376M. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35750 TTH 1230 - 200P PAR 105 BERTELSEN, L

10-GRAHAM GREENE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive study of the works of a single major author or two major authors. Only one of the following may be counted unless the topics vary: English322, 349S, 370W, 376M. English 349S (Topic: Graham Greene) and 349S (Topic 10) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35765 TTH 1100 - 1230P PAR 304 NEHRING, N

E 350E EPICS AND INFLUENCES-HONORS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. English 350E and 364D may not both be counted unless the topics vary. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. Restricted to students in the English Honors Program. meets with LAH 350.
• 35770 TTH 200 - 330P WOODS, M

WOMEN IN LOVE-HONORS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. English 350E and 364D may not both be counted unless the topics vary. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. Restricted to students in the English Honors Program. meets with LAH 350.
• 35772 TTH 200 - 330P CAL 419 WOODS, M

E 350R FICTION OF SCOTLAND
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35773 MW 400 - 530P PAR 206 BAKER, S

HISTORY OF CHILDREN'S LIT
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35774 TTH 330 - 500P BEN 1.102 PLOURDE, A

LIT AND BUS IN 19TH-C BRIT
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35775 MWF 900 - 1000 CHRISTIAN, G

E 352V VIKING LITERATURE
Designed to accommodate 35 or fewer students. A survey of early Norse and Anglo-Scandinavian prose and verse--saga; chronicle, heroic epic, and mythological (eddic and skaldic) verse--withattention to the image of the viking in contemporary popular culture. English 350E (Topic: Viking Literature) and 352V may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35780 MWF 1200 - 100P PAR 204 BIRKHOLZ, D

E 358Q SUPERVISED RESEARCH
Hour(s) to be arranged. May be repeated for credit. Student-initiated research conducted with instructor supervision. May be taken twice for credit. Prerequisite: Completion of at least sixty semester hours of coursework,including at least six semester hours of upper-division coursework in English or rhetoric and writing; a University grade point average of at least 3.00; and approval of written application by supervising instructor and the undergraduate faculty adviser.
• 35785

E 358R RESEARCH APPRENTICESHIP
Hour(s) to be arranged. Supervised research on a faculty-initiated project. Restricted to students in the English Honors Program. Prerequisite: Consent of instructor.
• 35790

E 360L THE NOBEL PRIZE-HONORS
Course number may be repeated for credit when the topics vary. English literature from around the world, including Canada, Australasia,Africa, and India. English 360L and 360S may not both be counted unless the topics vary. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. Restricted to students in the English Honors program. meets with LAH 350.
• 35795 MWF 900 - 1000 PAR 210 DOHERTY, B

E 360R LIT STUDIES FOR HS ENG TCHRS
Designed to accommodate 35 or fewer students. Intended for students seeking a secondary school teaching certificate. The principles and practices of teaching literature in secondary schools. English 360R and Rhetoric and Writing 379C (Topic: Literary Studies for High School Teachers of English) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35800 MWF 900 - 1000 PAR 204 GARCIA, P

E 362L THE CONTEMPORARY BRITISH NOVEL
Designed to accommodate 35 or fewer students. Representative novels, including those of Joyce, Lawrence, and Woolf. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35804 MWF 1000 - 1100 PAR 105 EGAN, J

E 363K CLASSIC TO ROMANTIC
Designed to accommodate 35 or fewer students. The theory and practice of Classicism in literature and other arts; the rise of the Romanticists in the eighteenth century. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35805 MW 1000 - 1130 GAR 3.116 RICHMOND-GARZA, E

E 364P OLD ENGLISH
Designed to accommodate 35 or fewer students. An introduction to Old English with sufficient grammar for a reading knowledge of Old English texts. A course in language, not in linguistics. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35810 MWF 200 - 300P PAR 310 BLOCKLEY, M

E 366D DANTE
Only one of the following may be counted: English 322 (Topic 23), 366D, European Studies 347 (Topic: Dante), 347 (Topic 23), Italian Civilization 348, 349 (Topic 2). Prerequisite: Upper-division standing. same as EUS 347 (TOPIC 23), ITC 348. also meets with CTI 345.
• 35815 TTH 1100 - 1230P CLA 0.122 RAFFA, G

E 367C CONF COURSE IN LIT AND LANG
Hour(s) to be arranged. May be repeated for credit. For students who wish to work under supervision on specific projects in literature or language. May be taken twice for credit. Prerequisite: Completion of at least sixty semester hours of coursework,including at least six semester hours of upper-division coursework in English or rhetoric and writing; a University grade point average of at least 3.00; and approval of written application by supervising instructor and the undergraduate faculty adviser.
• 35820

E 367E ENGLISH INTERNSHIP
Hour(s) to be arranged. Offered on the pass/fail basis only. Research and staff experience working in an appropriate agency or private business. May not be counted toward the English major or minor. Prerequisite: Completion of at least sixty semester hours of coursework, including at least six semester hours of upper-division coursework in English or rhetoric and writing; a University grade point average of at least 3.00; and approval of written application by the undergraduate faculty adviser.
• 35825

E 368H HONORS TUTORIAL COURSE I
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Research into and development of a thesis topic and proposal. Only one of the following may be counted: English 368H and 369H; or 679H. Prerequisite: Enrollment in or completion of at least one honors sectionof an English course, admission to the English Honors Program, and consent of the honors adviser.
• 35830 TTH 330 - 500P BEN 1.122 BARRET, J

HONORS TUTORIAL COURSE I
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Research into and development of a thesis topic and proposal. Only one of the following may be counted: English 368H and 369H; or 679H.

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course | unique | days | time | room | instructor

Prerequisite: Enrollment in or completion of at least one honors sectionof an English course, admission to the English Honors Program, and consent of the honors adviser.
• 35835

E 369 TWENTIETH-CENTURY DRAMA
Designed to accommodate 35 or fewer students. Ibsen and other major dramatists; tradition and innovation in the substance and form of selected modern plays. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35840 MWF 100 - 200P GAR 3.116 TURLEY, E

E 369H HONORS TUTORIAL COURSE II
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Writing and defense of an Honors thesis. Individual instruction. Only one of the following may be counted: English 368H and 369H; or 679H. Prerequisite: English 368H with a grade of at least B+.
• 35845

E 372L THE AMERICAN RENAISSANCE
Designed to accommodate 35 or fewer students. Selected writers of the pre-Civil War Romantic movement, including Emerson, Douglass, Fuller, Hawthorne, Melville, Thoreau, Whitman, and others. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35850 MWF 100 - 200P PAR 308 KEVORKIAN, M

E 374G BEOWULF
Designed to accommodate 35 or fewer students. An extended reading of the work in its cultural and literary context. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35855 MWF 900 - 1000 BLOCKLEY, M

E 376 CHAUCER
Designed to accommodate 35 or fewer students. Introduction to Chaucer's narrative and poetic art, as shown in a selection from the dream poems, Troilus and Criseyde, and the Canterbury Tales. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35862 MWF 1100 - 1200 PAR 204 HINES, Z

E 376M HARLEM RENAISSANCE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: English349S, 370W, 376M. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. meets with AFR 374F.
• 35865 MWF 1200 - 100P CLA 0.118 WILKS, J

7-CONTEMP AFR AMER WOMEN FIC
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: English349S, 370W, 376M. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Contemporary African American Women's Fiction), 372E (Topic 15), English 376M (Topic: Contemporary African American Women's Fiction), 376M (Topic 7), Women's and Gender Studies 340 (Topic: Contemporary African American Women's Fiction), 340 (Topic 29). Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. Additional prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as AFR 372E (TOPIC 15), WGS 340 (TOPIC 29).
• 35870 TTH 1100 - 1230P BUR 228 RICHARDSON, M

E 376R AFR AM LIT THRU HARL RENAIS
Designed to accommodate 35 or fewer students. A survey of African American writing, including autobiography, poetry, fiction, and drama. Authors may include Douglass, Jacobs, Frances E. W. Harper, Chestnutt, Du Bois, Hurston, and Hughes. African and African Diaspora Studies 372E (Topic 4) and English 376R maynot both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as AFR 372E (TOPIC 4).
• 35875 TTH 1230 - 200P BUR 228 RICHARDSON, M

E 376S AFR AM LIT SNC HARLM RENAIS
Designed to accommodate 35 or fewer students. The development of African American poetry, drama, fiction, and nonfiction since the Harlem Renaissance. Authors may include Wright, Ellison, Baldwin, Malcolm X, Baraka, Morrison, Shange, and Charles Johnson. African and African Diaspora Studies 372E (Topic 5) and English 376S may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as AFR 372E (TOPIC 5).
• 35880 MW 100 - 230P PAR 304 WOODARD, H

E 377M AMERICAN NOVEL AFTER 1960
Designed to accommodate 35 or fewer students. Examines American novels and short stories from the 1960s to the present. Considers the aesthetic and narrative innovations of the period in light of social, historical, technological, and political developments. Representative authors include Pynchon, Roth, Morrison, DeLillo, Silko, Robinson, Egan, and Diaz. English 324 (Topic: American Novels after 1960) and English 377M may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35895 TTH 330 - 500P PAR 105 ADAMS, M

E 379R AMERICAN GOTHIC AND HORROR
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive study of selected topics in English. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35902 MWF 900 - 1000 CAL 200 OMIDSALAR, A

CRIME FICTION
Course number may be repeated for credit when the topics vary. Intensive study of selected topics in English. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35905 TTH 930 - 1100 GAR 1.134 RUMRICH, J

WOMEN IN 19TH-CEN BRIT NOVEL
Course number may be repeated for credit when the topics vary. Intensive study of selected topics in English. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35910 MW 400 - 530P PAR 204 FERREIRA-BUCKLEY

3-JFK ASSNTN: FACT/FICT/FANT
Course number may be repeated for credit when the topics vary. Intensive study of selected topics in English. Subjects include establishing a factual basis regarding different aspects of the Kennedy assassination; fiction inspired by the assassination; and examining conspiracy theories of the assassination. Only one of the following may be counted: English 379R (Topic: The Kennedy Assassination: Fact, Fiction and Fantasy), 379R (Topic 3), Liberal Arts Honors 350 (Topic: The Kennedy Assassination: Fact, Fiction and Fantasy). Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35915 TTH 1230 - 200P BEN 1.124 GRAHAM, D

6-POP MUSIC/YOUTH SUBCULTURES
Course number may be repeated for credit when the topics vary. Intensive study of selected topics in English. English 379R (Topic: Popular Music and Youth Subcultures) and 379R (Topic 6) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35920 MWF 1100 - 1200 BEN 1.102 NEHRING, N

E 380E PRACTICUM IN EDITING
A practicum for editing a literary journal. May be repeated for credit when the topics or instructors vary. Prerequisite: Graduate standing, admission to the creative writing concentration in English, and consent of the English graduate adviser.
• 35925 T 1100 - 200P UTC 3.120 OLSTEIN, L

E 380F LITERATURE FOR WRITERS
Readings in fiction, poetry, drama, literary criticism, biography, and autobiography from the point of view of a creative writer rather than that of a scholar. May be repeated for credit when the instructors vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35930 TH 1100 - 200P UTC 1.136 OLSTEIN, L
• 35935 W 600 - 900P CAL 221 LISICKY, P

LITERATURE FOR WRITERS
Restricted enrollment; contact the department for permission to register for this class. Readings in fiction, poetry, drama, literary criticism, biography, and autobiography from the point of view of a creative writer rather than that of a scholar. May be repeated for credit when the instructors vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35940 TH 200 - 500P CAL 323 HARVEY, J

E 384K 2-DISCIPLINARY INQUIRIES
Course number may be repeated for credit when the topics vary. Issues addressed include methods of literary and cultural interpretation, archival research, academic publishing, and professionaldevelopment. English 384K (Topic: Approaches to Disciplinary Inquiries) and 384K (Topic 2) may not both be counted. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35945 W 600 - 900P CAL 200 BAKER, S

E 385N CREATV WRITING: WRKSHP IN FICT
Designed to accommodate 35 or fewer students. May be repeated for credit when the instructors vary. Prerequisite: Graduate standing and consent of instructor and the English graduate adviser.
• 35947 M 400 - 700P CAL 419 UNFERTH, D

E 386L CREATV WRIT: WRKSHP IN POETRY
May be repeated for credit when the instructors vary. Prerequisite: Graduate standing and consent of instructor and the English graduate adviser.
• 35950 M 600 - 900P CAL 221 REEVES, R

E 387M PERFORMATIVE RHETORICS
Course number may be repeated for credit when the topics vary. Advanced study of topics in rhetorical theory and in ancillary disciplines. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35955 T 330 - 630P PAR 6 DAVIS, D

E 387N ARCHIVES: THEORY AND METHODS
Course number may be repeated for credit when the topics vary. A study of the theory, practice, and history of research in rhetoric and composition. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35960 W 300 - 600P PAR 214 LONGAKER, M

E 391L CONF COURSE: AI MENTORING
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35965

CONF COURSE: FIELD EXAMINATION
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35970

course unique days time room instructor

CONF COURSE: PROSPECTUS EXAM
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35975

CONF COURSE: SUPERVISED STUDY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35980

E 691L CONF COURSE: FIELD EXAMINATION
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35985

CONF COURSE: PROSPECTUS EXAM
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35990

CONF COURSE: SUPERVISED STUDY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35995

E 392M DRAMA OF JAMESTOWN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 36000 M 300 - 600P CAL 323 WOJCIEHOWSKI, H

THE WAY WE DO MEDIEVAL NOW
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser. meets with MDV 392M.
• 36005 W 1200 - 300P MEZ 1.104 SCALA, E

TRANSOCEANIC FICTION 1700-1820
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 36010 TTH 930 - 1100 CAL 21 BERTELSEN, L

VICTORIAN LIFE-WRITING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser. meets with WGS 393.
• 36015 MW 1100 - 1230P CAL 22 MACKAY, C

E 393M DIGTL TOOLKITS: HISTORICISM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Historical and methodological approaches to literary criticism. Prerequisite: Graduate standing and consent of the English graduate adviser. meets with INF 397.
• 36020 M 900 - 1200 BEN 1.118 BARCHAS, J

E 396L POETRY AS A WAY OF LIFE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 36025 T 500 - 800P CAL 323 BENNETT, C

E 397M THEATRE AND REVOLUTION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser. meets with T D 387D.
• 36030 T 200 - 500P CAL 323 ARJOMAND, M

E 397N BLACK ATLANTIC MODERNISMS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser. meets with C L 381, AFR 387D.
• 36035 W 300 - 600P MEZ 2.102 WILKS, J

E 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Research and writing of a thesis under the supervision of the chair of the supervising committee and subject to the approval of the committee and the graduate dean. English 698A may not be repeated for credit. The student must register for 698B the semester he or she intends to graduate. Prerequisite: For 698A, graduate standing in creative writing; for 698B, English 698A.
• 36040

E 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in English and consent of the graduate adviser.
• 36045

E 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36050

E 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36055

E 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36060

E 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: English 399R, 699R, or 999R.
• 36065

E 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: English 399R, 699R, or 999R.
• 36070

E 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: English 399R, 699R, or 999R.
• 36075

CENTER FOR EUROPEAN STUDIES

European Studies - EUS

EUS 305 INTRO TO EUROPEAN STUDIES
The myths, ideas, and sociopolitical realities that underpin the intellectual and cultural construction of Europe.
• 36130 TTH 1100 - 1230P BUR 224 LAUBENTHAL, B

EUS 307M INTRODUCTION TO WESTERN MUSIC
Introduction to musical styles in the Euro-American art music tradition between the Middle Ages and the present day. Designed to foster criticallistening and thinking about music, and deepen understanding of the vital role that music has played and continues to play in society and inindividual lives. Only one of the following may be counted: European Studies 307 (Topic: Introduction to Western Music), 307M, Music 302L. same as MUS 302L.
• 36135 MWF 1100 - 1200 MRH 2.608
T 500 - 600P MRH 2.610
• 36140 MWF 1100 - 1200 MRH 2.608
TH 500 - 600P MRH 2.610
• 36145 MWF 1100 - 1200 MRH 2.608
TH 600 - 700P MRH 2.610

INTRODUCTION TO WESTERN MUSIC
Designed to accommodate 100 or more students. Introduction to musical styles in the Euro-American art music tradition between the Middle Ages and the present day. Designed to foster criticallistening and thinking about music, and deepen understanding of the vital role that music has played and continues to play in society and inindividual lives. Only one of the following may be counted: European Studies 307 (Topic: Introduction to Western Music), 307M, Music 302L. same as MUS 302L.
• 36150 MWF 100 - 200P GSB 2.124
M 500 - 600P MRH 4.116
• 36155 MWF 100 - 200P GSB 2.124
T 500 - 600P MRH 4.116
• 36160 MWF 100 - 200P GSB 2.124
W 500 - 600P MRH 4.116
• 36165 MWF 100 - 200P GSB 2.124
TH 500 - 600P MRH 4.116
• 36170 MWF 100 - 200P GSB 2.124
TH 600 - 700P MRH 2.604
• 36175 MWF 100 - 200P GSB 2.124
TH 600 - 700P MRH 4.116

EUS 346 EUROPN IMMIGRATN TEXAS 19TH C
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. meets with AMS 321, GSD 360.
• 36180 TTH 1230 - 200P PAR 302 KEARNEY, J

MACHIAVELLI-HONORS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. Restricted to students in the Plan I Honors Program. meets with LAH 350, HIS 350L, AHC 330, CTI 375.
• 36185 TTH 930 - 1100 GAR 0.132 FRAZIER, A

MARX AND WESTERN MARXISM
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. meets with PHL 334K, HIS 362G, CTI 335.
• 36190 M 300 - 600P GAR 0.132 MATYSIK, T

12TH-CENTURY RENAIS: 1050-1200
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. meets with HIS 344G, AHC 330.
• 36195 MW 1000 - 1130 CBA 4.344 NEWMAN, M

2-GREAT DISCOVS IN ARCHAEOLOGY
Course number may be repeated for credit when the topics vary. The stories, myths, and people behind some of the great archaeological discoveries. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363.

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Only one of the following may be counted: Anthropology 324L (Topic: Great Discoveries in Archaeology), Anthropology 326F, European Studies 346 (Topic 2). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as ANT 326F.
• 36200 MW 300 - 430P CLA 0.112 WADE, M

14-ENLIGHTENMENT/REVOLUTION
Course number may be repeated for credit when the topics vary. Examines the relationship between the intellectual project of the Enlightenment and the political and social transformations that unfoldedin western Europe and North America from the beginnings of the Dutch Revolt in the 1560s to the decade following the Paris Commune of 1871. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: Core Texts and Ideas 375 (Topic: Enlightenment and Revolution), 375 (Topic 3), European Studies 346 (Topic: Enlightenment and Revolution), 346 (Topic 14), History 350L (Topic: Enlightenment and Revolution), 350L (Topic 81). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as CTI 375 (TOPIC 3), HIS 350L (TOPIC 81).
• 36205 TH 500 - 800P GAR 1.134 VAUGHN, J

17-INTRO TO THE HOLOCAUST
Course number may be repeated for credit when the topics vary. Examines the mass killing of Jews and other victims in the context of Nazi Germany's quest for race and space during World War II. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: European Studies 346 (Topic: Introduction to the Holocaust), 346 (Topic 17), History 362G (Topic: Introduction to the Holocaust), 362G (Topic 3), Jewish Studies 364 (Topic: Introduction to the Holocaust), 364 (Topic 6), Middle Eastern Studies 325 (Topic: Introduction to the Holocaust), Russian, East European, and Eurasian Studies 335 (Topic: Introduction to the Holocaust), 335 (Topic 17). Prerequisite: Varies with the topic. same as HIS 362G (TOPIC 3), J S 364 (TOPIC 6), REE 335 (TOPIC 17).
• 36210 TTH 500 - 630P JGB 2.216 LICHTENSTEIN, T

19-REGIONS/CULTURES OF EUROPE
Course number may be repeated for credit when the topics vary. Spatial patterns in Europe, with emphasis on cultural, historical, and political geography. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: European Studies 346 (Topic: Regions and Cultures of Europe), 346 (Topic 19), Geography 326, Russian,East European, and Eurasian Studies 345 (Topic 2). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 326, REE 345 (TOPIC 2).
• 36215 TTH 330 - 500P BUR 220 JORDAN, B

26-HIST OF BRIT RESTORATN-1783
Course number may be repeated for credit when the topics vary. Surveys the political, social, economic, and intellectual history of England and Great Britain from the restoration of the Stuart monarchy in1660 to the conclusion of the War for American Independence in 1783. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: European Studies 346 (Topic: History of Britain from the Restoration to 1783), 346 (Topic 26), History 334J. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as HIS 334J.
• 36220 TTH 1230 - 200P ART 1.110 VAUGHN, J

EUS 347 ARENDT AND DE BEAUVOIR
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. meets with GSD 340, C L 323, WGS 340.
• 36225 TTH 930 - 1100 BUR 337 WILKINSON, L

EXHIBITIONISM/PUBLIC SPECTACLE
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. meets with GSD 360, C L 323, GRG 356T.
• 36230 TTH 1100 - 1230P GDC 1.406 ARENS, K

WOMEN/RESISTNC CONTEMP E EURO
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. meets with REE 325, WGS 340.
• 36235 TTH 930 - 1100 GEA 127 LUTSYSHYNA, O

20TH-CEN EUROPEAN ART TO 1940
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. meets with ARH 337K.
• 36240 TTH 1230 - 200P DFA 2.204 HENDERSON, L

14-HANS CHRISTIAN ANDERSEN
Course number may be repeated for credit when the topics vary. Introduction to such Hans Christian Andersen tales as "The Little Mermaid," "The Ugly Duckling," and "The Emperor's New Clothes." Examination of their author and the romantic period in which they were written, as well as their historical, philosophical, and literary context. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: Comparative Literature 323 (Topic: Hans Christian Andersen), 323 (Topic 12), English 322 (Topic 19), European Studies 347 (Topic: Hans Christian Andersen), 347 (Topic 14), German, Scandinavian, and Dutch Studies 341E, Germanic Civilization 323E (Topic 4), Scandinavian 373 (Topic 4). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 12), GSD 341E.
• 36245 MWF 100 - 200P BUR 337 CORTSEN, R

20-SQUARING THE VIENNA CIRCLE
Course number may be repeated for credit when the topics vary. Traces the origin of the Vienna Circle of Logical Empiricism in nineteenth-century Europe, and introduces central texts and problems of intellectual history and historical epistemology at the roots of today's analytic philosophy. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: Comparative Literature 323 (Topic: Squaring the Vienna Circle), 323 (Topic 18), European Studies 347 (Topic: Squaring the Vienna Circle), 347 (Topic 20), German, Scandinavian, and Dutch Studies 361F, Germanic Civilization 362E (Topic: Squaring the Vienna Circle), Philosophy 327 (Topic: Squaring the Vienna Circle), 354 (Topic: Squaring the Vienna Circle). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 18), GSD 361F. also meets with PHL 327.
• 36250 TTH 330 - 500P GEA 114 ARENS, K

23-DANTE
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: English 322 (Topic 23), 366D, European Studies 347 (Topic: Dante), 347 (Topic 23), Italian Civilization 348, 349 (Topic 2). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as E 366D, ITC 348. also meets with CTI 345.
• 36255 TTH 1100 - 1230P CLA 0.122 RAFFA, G

EUS 348 2-INTERNATIONAL TRADE
Course number may be repeated for credit when the topics vary. Study of the principles, policies, and problems of the international exchange of goods and investments. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: Economics 339K, European Studies 348 (Topic 2), International Business 320F, 350, 350S. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as I B 350.
• 36265 MW 930 - 1100 CBA 4.330 MENDEZ, D
• 36270 MW 200 - 330P CBA 4.330 MENDEZ, D
• 36275 MW 330 - 500P CBA 4.330 MENDEZ, D

4-COMPR NOTIONS EUR SECURITY
Course number may be repeated for credit when the topics vary. Examines the conceptual and practical aspects of European comprehensive security via the institutions charged with implementing it: the EuropeanUnion (EU), the North Atlantic Treaty Organization (NATO), and the Organization for Security and Cooperation in Europe (OSCE). Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: European Studies 348 (Topic: Comprehensive Notions of European Security), 348 (Topic 4), Government 365N (Topic: Comprehensive Notions of European Security), 365N (Topic 21). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as GOV 365N (TOPIC 21).
• 36280 TTH 1100 - 1230P SZB 370 MOSSER, M

5-EUR UNION/REGIONAL INTEG-FRA
Course number may be repeated for credit when the topics vary. Designed to provide a detailed introduction to the European Union, one of America's major economic and political partners and one of the major actors in contemporary international relations. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Only one of the following may be counted: European Studies 348 (Topic: European Union and Regional Integration), 348 (Topic 5), Government 365N(Topic: European Union and Regional Integration), 365N (Topic 25). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. Semester Plus class meets dates arranged by Study Abroad Office. Taught in Paris, France. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates. same as GOV 365N (TOPIC 25).
• 36285 MOSSER, M

EUS 350 GOVS & POLIT OF WESTERN EUROPE
Comparative study of peoples, institutions, parties, interest groups, and bureaucracy in the countries of Western Europe, concentrating on themajor political systems of Britain, France, Germany, and Italy. European Studies 350 and Government 324L may not both be counted. Prerequisite: Six semester hours of lower-division coursework in government. same as GOV 324L.
• 36290 MW 100 - 230P PAR 301 SOMER-TOPCU, Z

EUS 375 CAPSTONE RSCH IN EUROPEAN STDS
Hour(s) to be arranged. Supervised research on a modern European topic chosen in consultation with the student's adviser and culminating in a full-length thesis. Prerequisite: Upper-division standing, admission to the European studiesmajor, and consent of instructor.
• 36295

DEPARTMENT OF FRENCH AND ITALIAN

French - FR
French Civilization - F C
Italian - ITL
Italian Civilization - ITC

FR 601C BEGINNING FRENCH
An intensive beginning course with an emphasis on basic skills: listening, speaking, reading, and writing. Only one of the following may be counted: French 601C, 604,

406, 506. Only one of the following may be counted: French 601C, 604, 407, 507, 508K.

• 36350	MWF	800 - 900	MEZ 2.122	
	TTH	800 - 930	MEZ 2.124	
• 36355	MWF	800 - 900	PAR 304	
	TTH	800 - 930	PAR 304	
• 36360	MWF	1000 - 1100	HRH 2.112	
	TTH	930 - 1100	HRH 2.112	
• 36365	MWF	1000 - 1100	MEZ 2.124	
	TTH	930 - 1100	MEZ 2.124	
• 36370	MWF	1100 - 1200	GAR 0.120	
	TTH	1100 - 1230P	BEN 1.126	
• 36375	MWF	1100 - 1200	HRH 2.112	
	TTH	1100 - 1230P	PAR 101	
• 36380	MWF	100 - 200P	HRH 2.112	
	TTH	1230 - 200P	MEZ 1.208	
• 36385	MWF	100 - 200P	MEZ 1.216	
	TTH	1230 - 200P	GAR 0.128	
• 36390	MWF	200 - 300P	MEZ 1.208	
	TTH	200 - 330P	BEN 1.104	
• 36395	MWF	200 - 300P	MEZ 1.210	
	TTH	200 - 330P	PAR 302	
• 36400	MWF	400 - 500P	MEZ 1.204	
	TTH	330 - 500P	MEZ 1.208	

BEGINNING FRENCH

Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. An intensive beginning course with an emphasis on basic skills: listening, speaking, reading, and writing. Only one of the following may be counted: French 601C, 604, 406, 506. Only one of the following may be counted: French 601C, 604, 407, 507, 508K. Partially taught as a Web-based course.

• 36405	TTH	930 - 1100	MEZ 1.210	GUILLOTEAU, N

FR 406 INTRODUCTORY FRENCH I-WB

Hour(s) to be arranged. Emphasis on basic skills: listening, speaking, reading, and writing at the novice level of proficiency. Designed for students with no prior coursework in French. Only one of the following may be counted: French 601C, 604, 406, 506. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connectivi ty.

• 36410

FR 407 INTRODUCTORY FRENCH II-WB

Hour(s) to be arranged. Emphasis on basic skills: listening, speaking, reading, and writing at the novice to intermediate levels of proficiency. Designed novice level proficiency and prior French coursework. Only one of the following may be counted: French 601C, 604, 407, 507, 508K. Prerequisite: French 406 with a grade of at least C. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connectivi ty.

• 36415

FR 611C INTERMEDIATE FRENCH

An intensive intermediate course with emphasis on basic skills: listening, speaking, reading, and writing. Does not meet the prerequisite requirements for French 320E or 324L. Only one of the following may be counted: French 611C, 612, 312K, 412K. French 611C and 312L may not both be counted. Prerequisite: French 601C, 604, 507, or 508K with a grade of at least C.

• 36420	MWF	800 - 900	PAR 103	
	TTH	800 - 930	BEN 1.108	
• 36425	MWF	1000 - 1100	HRH 4.102B	
	TTH	1100 - 1230P	PAR 208	
• 36430	MWF	1100 - 1200	MEZ 1.202	
	TTH	1100 - 1230P	HRH 2.112	
• 36435	MWF	100 - 200P	JES A203A	
	TTH	1230 - 200P	JES A215A	
• 36440	MWF	200 - 300P	PAR 208	
	TTH	200 - 330P	HRH 4.102B	
• 36445	MWF	200 - 300P	PAR 308	
	TTH	200 - 330P	MEZ 1.208	

INTERMEDIATE FRENCH

Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. An intensive intermediate course with emphasis on basic skills: listening, speaking, reading, and writing. Does not meet the prerequisite requirements for French 320E or 324L. Only one of the following may be counted: French 611C, 612, 312K, 412K. French 611C and 312L may not both be counted. Prerequisite: French 601C, 604, 507, or 508K with a grade of at least C. Partially taught as a Web-based course.

• 36450	TTH	930 - 1100	MEZ 2.122
• 36455	TTH	1100 - 1230P	MEZ 1.202
• 36460	TTH	1100 - 1230P	PAR 103
• 36465	TTH	1230 - 200P	MEZ 2.122

FR 412K INTERMEDIATE FRENCH I-WB

Hour(s) to be arranged. Emphasis on basic skills: listening, speaking, reading, and writing at the Intermediate level of proficiency. Designed for students with Novicelevel proficiency and a prior beginning French course. Only one of the following may be counted: French 611C, 612, 312K, 412K. Prerequisite: French 407 or 507 with a grade of at least C. Taught online with established deadlines. Online activities and exams may be scheduled. Go to http://laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connectivi ty.

• 36470

FR 317C ENHANCING FRENCH SKILLS

Listening, speaking, reading, and writing course designed to provide additional preparation for upper-division French courses. Prerequisite: French 312K or 412K or 611C with a grade of at least C.

• 36475	MWF	900 - 1000	MEZ 2.122
• 36480	MWF	1000 - 1100	CLA 0.106
• 36485	MWF	1200 - 100P	BEN 1.124
• 36490	MWF	200 - 300P	BEN 1.108

FR 320E ADVANCED FRENCH I

Designed to develop the listening, speaking, reading, and writing skillsneeded for the analysis of literary and cultural readings in the French-speaking world. Prerequisite: French 312L or 317C.

• 36495	MWF	900 - 1000	MEZ 2.118
• 36500	MWF	1100 - 1200	MEZ 1.122
• 36505	MWF	1200 - 100P	MEZ B0.302
• 36510	MWF	100 - 200P	MEZ 1.122

FR 322E ADVANCED FRENCH II

Continuation of French 320E. Designed to develop the listening, speaking, reading, and writing skills needed to analyze literary and cultural readings in the French-speaking world. Prerequisite: French 320E.

• 36515	MWF	1000 - 1100	BEN 1.102
• 36520	MWF	1200 - 100P	PAR 208

FR 324L PRACTICAL PHONETICS

A thorough review of French phonetics, with emphasis on improving production and understanding of spoken French. Prerequisite: French 320E.

• 36530	TTH	930 - 1100	PAR 103	BULLOCK, B

FR 325C CRISIS AND CONFLICT

Focus on reading and interpreting texts dealing with historical and social conflicts as manifested in moments of crisis in French or francophone history. Prerequisite: French 322E with a grade of at least C.

• 36535	MWF	1000 - 1100	MEZ 1.212

FR 325D SELF AND SOCIETY

Focus on reading and interpreting texts involving confrontations betweenthe narrative "I" and representations of various social groups. Prerequisite: French 322E.

• 36540	TTH	930 - 1100	BEN 1.126

FR 328C FRENCH THROUGH FILM

A refinement of reading, writing, speaking, and listening skills in French through the context of French and francophone cinema. Prerequisite: French 322E.

• 36545	MWF	1100 - 1200	PAR 303	PELLETIER, H

FR 364L INTRO TO FRENCH LINGUISTICS

Introduction to the syntactic, phonological, morphological, lexical, historical, and applied aspects of French linguistics. Prerequisite: French 325C, 325D, or 325E.

• 36550	TTH	930 - 1100	HRH 4.102B	BLYTH, C

FR 371L ADV WRITTEN AND ORAL COMPOS

Designed to guide students toward smooth and effective written and oral expression; weekly compositions on assigned topics; periodic oral presentations. Prerequisite: French 325C, 325D, or 325E.

• 36555	TTH	1100 - 1230P	BEN 1.106	PICHERIT, H

FR 379H HONORS TUTORIAL COURSE

Hour(s) to be arranged. Supervised individual research on a literary, linguistic, or cultural topic, and writing and defense of a thesis under the direction of a committee of two faculty members. Prerequisite: Admission to the French Honors Program.

• 36560

FR 180P INTRO TO STUDIES IN LIT & CUL

Offered on the credit/no credit basis only. Proseminar in methods of study and research in French studies. Prerequisite: Graduate standing and consent of the graduate adviser.

• 36565	W	500 - 600P	HRH 2.112	BIRDSONG, D

FR 381N TRANSLATION THEORY & PRACTICE

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with C L 382.

• 36570	MW	1000 - 1130	HRH 2.106C	FRIZZI, A

FR 385L CONF CRS IN FRENCH LANG & LIT

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. For students needing specialized courses not normally or not often included in the regular course offerings. Prerequisite: Graduate standing and written consent of the graduate adviser.

• 36575

FR 392K THEMES IN FRENCH LINGUISTIC

Course number may be repeated for credit when the topics vary. Examination of specific issues in theoretical, applied, descriptive, or historical linguistics. Prerequisite: Graduate standing and twelve semester hours of upper-division coursework in French.

• 36580	TTH	1100 - 1230P	MEZ 1.104	BULLOCK, B

FR 395L COMPREHENSIVE EXAM PREPARATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Supervised preparation for the comprehensive examination for the doctoral de-

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course unique days time room instructor

gree. Restricted to doctoral students in the Department of French and Italian. Prerequisite: Graduate Standing, consent of the graduate adviser, and satisfactory completion of all course requirements for the doctoral degree.
• 36585

FR 396K 1-INTRO TO ROMANCE LINGUISTICS
Course number may be repeated for credit when the topics vary. General survey of the development of spoken Latin in Italy, Spain, Portugal, and France; main traits of phonology, morphology, and syntax in each modern derivative language. Prerequisite: Graduate standing in languages and consent of instructor and the graduate adviser. same as ITL 396K (TOPIC 1), LIN 383 (TOPIC 3), POR 396K (TOPIC 2), SPN 396K (TOPIC 2).
• 36590 TTH 930 - 1100 HRH 2.106C RUSSI, C

FR 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in French and consent of the graduate adviser; for 698B, French 698A.
• 36595

FR 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in French and consent of the graduate adviser; for 698B, French 698A.
• 36600

FR 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in French and consent of the graduate adviser.
• 36605

FR 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36610

FR 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36615

FR 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36620

FR 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: French 399R, 699R, or 999R.
• 36625

FR 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: French 399R, 699R, or 999R.
• 36630

FR 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: French 399R, 699R, or 999R.
• 36635

ITL 601C BEGINNING ITALIAN
An intensive beginning course with an emphasis on basic skills: listening, speaking, reading, and writing. Only one of the following may be counted: Italian 601C, 604, 506. Only one of the following may be counted: Italian 601C, 604, 507.
• 36690 MWF 800 - 1000 BEN 1.108
• 36695 MWF 800 - 1000 MEZ 1.204
• 36700 MWF 900 - 1100 BEN 1.122
• 36705 MWF 1000 - 1200 JES A207A
• 36710 MWF 1200 - 200P PAR 306

ITL 611C INTERMEDIATE ITALIAN
An intensive intermediate course with an emphasis on basic skills: listening, speaking, reading, and writing. Does not meet the prerequisite requirements for Italian 328, 326K, or 326L. Only one of the following may be counted: Italian 611C, 612, 312K. Only one of the following may be counted: Italian 611C, 612, 312L. Prerequisite: Italian 601C, 604, or 507 with a grade of at least C.
• 36715 MWF 800 - 1000 SZB 286
• 36720 MWF 1200 - 200P MEZ 1.208
• 36725 MWF 100 - 300P GAR 0.132

ITL 320 ADVANCED ITALIAN
Designed to develop the listening, speaking, reading, and writing skillsneeded for the analysis of literary and cultural readings in Italian. Prerequisite: Italian 611C or 312L with a grade of at least C.
• 36730 MWF 200 - 300P MEZ 1.102 OLSON, A

ITL 321 INTRO TO ITALIAN LITERATURE
Reading and analysis of literature, literary criticism, textual analysis. Italian 321 and 326K may not both be counted. Italian 321 and 326L may not both be counted. Prerequisite: Italian 320 or 328 with a grade of at least C.
• 36735 TTH 200 - 330P HRH 2.112

ITL 365 CONF CRS IN ITALIAN LANG & LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course content varies according to needs of students; designed to fill in gaps and give students a good overall picture of the development of Italian literature. Prerequisite: Upper-division standing and consent of the undergraduate adviser or the chair. Italian majors may take conference courses only in exceptional cases.
• 36745

ITL 382 MEDIA CONV/TRANSMEDIA/ITALY
Course number may be repeated for credit when the topics vary. Study of various aspects and periods of Italian culture and society. Prerequisite: Graduate standing.
• 36750 TTH 1100 - 1230P HRH 2.106C BONIFAZIO, P

ITL 385L CONF CRS IN ITALIAN LANG & LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. For students needing specialized courses not normally or not often included in the regular course offerings. Prerequisite: Graduate standing and written consent of the graduate adviser.
• 36755

ITL 390K DANTE'S AFTERLIVES
Course number may be repeated for credit when the topics vary. Intensive study of a particular writer, school, or literary movement. Prerequisite: Graduate standing. meets with C L 382.
• 36760 W 1200 - 300P HRH 2.106C RAFFA, G

ITL 395L COMPREHENSIVE EXAM PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Supervised preparation for the comprehensive examination for the doctoral degree. Restricted to doctoral students in the Department of French and Italian. Prerequisite: Graduate standing; consent of the graduate adviser; and satisfactory completion of all course requirements for the doctoral degree.
• 36765

ITL 396K 1-INTRO TO ROMANCE LINGUISTICS
Course number may be repeated for credit when the topics vary. General survey of the development of spoken Latin in Italy, Spain, Portugal, and France; main traits of phonology, morphology, and syntax in each modern derivative language. Prerequisite: Graduate standing in languages and consent of instructor and the graduate adviser. same as FR 396K (TOPIC 1), LIN 383 (TOPIC 3), POR 396K (TOPIC 2), SPN 396K (TOPIC 2).
• 36770 TTH 930 - 1100 HRH 2.106C RUSSI, C

ITL 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Italian and consent of the graduate adviser; for 698B, Italian 698A.
• 36775

ITL 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Italian and consent of the graduate adviser; for 698B, Italian 698A.
• 36780

ITL 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Italian and consent of the graduate adviser.
• 36785

ITL 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral program.
• 36790

ITL 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral program.
• 36795

ITL 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral program.
• 36800

ITL 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Italian 399R, 699R, or 999R.
• 36805

ITL 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Italian 399R, 699R, or 999R.
• 36810

ITL 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Italian 399R, 699R, or 999R.
• 36815

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course	unique	days	time	room	instructor

ITC 348 DANTE

Only one of the following may be counted: English 322 (Topic 23), 366D, European Studies 347 (Topic: Dante), 347 (Topic 23), Italian Civilization 348, 349 (Topic 2). Prerequisite: Upper-division standing. same as E 366D, EUS 347 (TOPIC 23). also meets with CTI 345.

• 36870	TTH	1100 - 1230P	CLA 0.122	RAFFA, G

DEPARTMENT OF GEOGRAPHY AND THE ENVIRONMENT

Geography - GRG
Sustainability Studies - SUS
Urban Studies - URB

GRG 401C THE NATURAL ENVIRONMENT

Designed to accommodate 100 or more students. An introduction to the study of the Earth from a holistic perspective including geologic, atmospheric, ecological, and water sciences and its relevance to present-day environmental problems.

• 36925	MWF	1000 - 1100	MEZ 1.306	
	T	930 - 1100	CLA 3.102	
• 36930	MWF	1000 - 1100	MEZ 1.306	
	TH	930 - 1100	CLA 3.102	
• 36935	MWF	1000 - 1100	MEZ 1.306	
	T	1100 - 1230P	CLA 3.102	
• 36940	MWF	1000 - 1100	MEZ 1.306	
	TH	1100 - 1230P	CLA 3.102	
• 36945	MWF	1000 - 1100	MEZ 1.306	
	T	1230 - 200P	CLA 3.102	
• 36950	MWF	1000 - 1100	MEZ 1.306	
	TH	1230 - 200P	CLA 3.102	
• 36955	MWF	1000 - 1100	MEZ 1.306	
	W	100 - 230P	CLA 3.102	
• 36960	MWF	1000 - 1100	MEZ 1.306	
	F	100 - 230P	CLA 3.102	
• 36965	MWF	1000 - 1100	MEZ 1.306	
	W	230 - 400P	CLA 3.102	

GRG 301K WEATHER AND CLIMATE

Additional hour(s) to be arranged. A survey of meteorological phenomena and climatological processes of theearth. Mandatory exams 6:30pm-10:00pm, Wednesdays September 26, October 24, November 7, November 14 and Thursday, December 6.

• 36970	TTH	1100 - 1230P	JES A121A	KIMMEL, T

GRG 404E ENVIR SCI: A CHANGING WORLD

Surveys the major global environmental concerns affecting the Earth and its residents from the perspectives of the environmental sciences.

• 36975	TTH	1100 - 1230P	GSB 2.126	MEYER, T
	M	900 - 1030	CLA 3.102	
• 36980	TTH	1100 - 1230P	GSB 2.126	MEYER, T
	W	900 - 1030	CLA 3.102	
• 36985	TTH	1100 - 1230P	GSB 2.126	MEYER, T
	M	1030 - 1200	CLA 3.102	
• 36990	TTH	1100 - 1230P	GSB 2.126	MEYER, T
	W	1030 - 1200	CLA 3.102	
• 36995	TTH	1100 - 1230P	GSB 2.126	MEYER, T
	T	200 - 330P	CLA 3.102	
• 37000	TTH	1100 - 1230P	GSB 2.126	MEYER, T
	TH	200 - 330P	CLA 3.102	

ENVIR SCI: CHANGING WORLD-HON

Surveys the major global environmental concerns affecting the Earth and its residents from the perspectives of the environmental sciences. Restricted to honors students.

• 37005	TTH	1100 - 1230P	GSB 2.126	MEYER, T
	M	100 - 230P	CLA 3.102	

GRG 305 THIS HUMAN WORLD: INTRO TO GRG

Designed to accommodate 100 or more students. Introductory survey of human geography, including human-environment relations, cultural patterns and processes, and geography's relation to other fields of study.

• 37010	TTH	200 - 330P	JES A121A	ADAMS, P
	M	900 - 1000	CLA 0.106	
• 37015	TTH	200 - 330P	JES A121A	ADAMS, P
	W	900 - 1000	CLA 0.106	
• 37020	TTH	200 - 330P	JES A121A	ADAMS, P
	F	900 - 1000	CLA 0.106	
• 37025	TTH	200 - 330P	JES A121A	ADAMS, P
	M	1000 - 1100	GDC 5.304	
• 37030	TTH	200 - 330P	JES A121A	ADAMS, P
	W	1000 - 1100	GDC 2.410	
• 37035	TTH	200 - 330P	JES A121A	ADAMS, P
	F	1000 - 1100	CLA 0.118	
• 37040	TTH	200 - 330P	JES A121A	ADAMS, P
	M	1100 - 1200	CLA 1.108	
• 37045	TTH	200 - 330P	JES A121A	ADAMS, P
	W	1100 - 1200	CLA 1.108	
• 37050	TTH	200 - 330P	JES A121A	ADAMS, P
	F	1100 - 1200	WAG 208	
• 37055	TTH	200 - 330P	JES A121A	ADAMS, P
	M	200 - 300P	UTC 3.120	
• 37060	TTH	200 - 330P	JES A121A	ADAMS, P
	W	200 - 300P	UTC 3.120	
• 37065	TTH	200 - 330P	JES A121A	ADAMS, P
	F	200 - 300P	CLA 0.120	
• 37070	TTH	200 - 330P	JES A121A	ADAMS, P
	M	300 - 400P	CLA 0.120	
• 37075	TTH	200 - 330P	JES A121A	ADAMS, P
	W	300 - 400P	CLA 0.120	
• 37080	TTH	200 - 330P	JES A121A	ADAMS, P
	F	300 - 400P	CLA 0.108	

GRG 306C CONSERVATION

Introduction to environmental management, with emphasis on the major causes and consequences of environmental degradation. The course is organized around the premise that people cannot solve environmental problems unless they know how and why they occur; a major objective is to identify and understand the sociocultural forces that drive environmental degradation.

• 37085	MW	830 - 1000	CLA 1.104	WALENTA, J

GRG 307C INTRODUCTION TO URBAN STUDIES

A multidisciplinary study of cities and complex urban environments; historical and contemporary issues from both national and international perspectives. same as URB 301.

• 37090	TTH	330 - 500P	CAL 100	

GRG 309C CREATING SUSTAINABLE SOCTY

Overview of sustainability as something human beings must strive to create in an era of global warming and ever greater social inequalities,both between and within countries. Only one of the following may be counted: Geography 302P (Topic: Creating Sustainable Societies), 309C, Sociology 304 (Topic: Creating Sustainable Societies), 309C. same as SOC 309C.

• 37095	TTH	200 - 330P	CLA 0.102	SWEARINGEN, W

GRG 326 REGIONS/CULTURES OF EUROPE

Spatial patterns in Europe, with emphasis on cultural, historical, and political geography. Only one of the following may be counted: European Studies 346 (Topic: Regions and Cultures of Europe), 346 (Topic 19), Geography 326, Russian,East European, and Eurasian Studies 345 (Topic 2). Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 19), REE 345 (TOPIC 2).

• 37100	TTH	330 - 500P	BUR 220	JORDAN, B

GRG 333C SEVERE AND UNUSUAL WEATHER

Additional hour(s) to be arranged. A continuation of Geography 301K, focuses on atmospheric hazards such assevere thunderstorms and their offspring (hail, lightning, tornadoes, damaging winds and flash floods) as well as tropical cyclones. Covers human risk perception in relation to atmospheric hazards. Prerequisite: Geography 301K.

• 37105	TTH	200 - 330P	CLA 1.102	KIMMEL, T

GRG 333K CLIMATE CHANGE

Examines changes in climatic systems over both short and long time periods in relation to impacts on physical and ecological systems. Discusses past, present, and future changes in climatic conditions and the methods used to make those evaluations. Geography 333K and 356T (Topic: Climate Change) may not both be counted. Prerequisite: Upper-division standing and Geography 301C or 301K.

• 37110	TTH	800 - 930	CLA 0.104	YOUNG, K

GRG 335D ANTHROPOCENE

Offered on the letter-grade basis only. Evaluates the role of humans in changing Earth systems. Examines the evidence used to reconstruct past environments, to decipher the ecological and biogeographical consequences of land use, to measure altered surface processes, to distinguish the anthropogenic contributionto climate change, and to predict likely future scenarios. Explores the interaction of human history with altered biophysical patterns and processes. Assesses the recognition of the Anthropocene as a potential new epoch in Earth history, including the implications of that recognition for environmental stewardship. Geography 335D and 356T (Topic: Anthropocene) may not both be counted. Prerequisite: Upper-division standing, and three semester hours of coursework in physical geography or one of the geological or natural sciences.

• 37115	TTH	330 - 500P	CLA 0.104	YOUNG, K

GRG 335N LANDSCAPE ECOLOGY

Designed to accommodate 35 or fewer students. The study of spatial patterns in the earth's biosphere found within landscapes, typically areas measured in square kilometers. Examines the processes that create those patterns, drawing from ecology, biogeography, and many other disciplines. Also explores the practical applications of landscape ecology to the study of natural environments and those managed or altered by human activities. Geography 335N and 356T (Topic: Landscape Ecology) may not both be counted. Prerequisite: Upper-division standing and three semester hours of coursework in physical geography or one of the geological or natural sciences.

• 37120	MW	100 - 230P	SAC 5.102	POLK, M

GRG 336 CONTEMP CULTURAL GEOGRAPHY

Designed to accommodate 35 or fewer students. Recent theoretical developments in cultural geography, with a focus on landscapes and the everyday practices that imbue them with meaning; the ways those meanings are contested and are the foci of struggle; and how the relationship between culture and space plays a central role in the social construction of identity. Only one of the following may be counted: Geography 336, Urban Studies 354 (Topic: Contemporary Cultural Geography), 354 (Topic 8). Prerequisite: Upper-division standing. same as URB 354 (TOPIC 8).

• 37125	TTH	930 - 1100	CLA 0.106	

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course	unique	days	time	room	instructor

GRG 336C NATIONAL PARKS/PROTECTED AREAS
Designed to accommodate 35 or fewer students. Introduces current conservation principles and management strategies; outlines the challenges, changes, and dilemmas associated with protectedareas. Prerequisite: Upper-division standing.
• 37130 MW 1000 - 1130 ART 1.110 MEYER, T

GRG 339 PROCESS GEOMORPHOLOGY
Analysis of geomorphic processes and their effects on landform development. Prerequisite: Upper-division standing, and credit or registration for Geography 301C or Geological Sciences 401.
• 37135 MW 830 - 1000 CLA 1.404 LATRUBESSE, E

GRG 340U INTERNSHIP/SERVICE LEARNING
Internship experience in an urban studies-related public or nonprofit agency. The opportunity to apply the knowledge, theory, and understanding gained from courses in areas of specialization to urban issues in a professional setting. Includes an academic service-learning component. Only one of the following may be counted: Geography 340U, 356T (DIRECTEDINTRNSHPS IN URB STDS), Urban Studies 360. Prerequisite: Upper-division standing; and Urban Studies 301 and 315. same as URB 360.
• 37140 W 600 - 900P GAR 2.112 AKINS, E

GRG 341K LANDSCPS OF MEX & CARIB AMER
The natural regions and cultural landscapes of Mexico, Central America, and the West Indies. Prerequisite: Upper-division standing. same as LAS 330 (TOPIC 2).
• 37145 MWF 1100 - 1200 CLA 0.128 DOOLITTLE, W

GRG 342C SUSTAINABLE DEVELOPMENT
Historical and contemporary analysis of international development with afocus on the prospects for environmental sustainability. Prerequisite: Upper-division standing.
• 37150 MW 1130 - 100P PAR 1 WALENTA, J

GRG 344K GLOBAL FOOD, FARMING, & HUNGER
Examination of contemporary transformations in global agro-food systems, with emphasis on the current paradox of epidemic obesity in some parts of the world and enduring hunger in others. Geography 344K and 356T (Topic: Farming, Food, and Global Hunger) may not both be counted. Prerequisite: Upper-division standing. meets with LAS 330.
• 37155 TTH 1230 - 200P CLA 1.102 TORRES, R

GRG 350E GEOPROCESSING
Offered on the letter-grade basis only. Computer programming and scripting applied to geospatial data. Geography 350E and 356T (Topic: Geoprocessing) may not both be counted. Prerequisite: Geography 460; and Geography 470 and/or Introductory Computer Science course are recommended.
• 37160 MW 100 - 230P CLA 1.404 ARIMA, E

GRG 350K GEOGRAPHIES OF GLOBALIZATION
Examines globalization in historical and contemporary contexts, with a focus on race, class and gendered power. Geography 350K and 356T (Topic: Introduction to Globalization) may not both be counted.
• 37165 MW 1130 - 100P PAR 301 FARIA, C

GRG 356 WATER RES: LAT AMER/CARIBBEAN
Course number may be repeated for credit when the topics vary. Topics include environmental assessment methods and techniques, the conservation movement, and climate and people. Prerequisite: Upper-division standing. meets with LAS 330.
• 37170 TTH 1100 - 1230P SRH 1.320 RAMOS, C

1-CHILDREN'S ENVIRNMNTL HLTH
Course number may be repeated for credit when the topics vary. Topics include environmental assessment methods and techniques, the conservation movement, and climate and people. Contemporary issues in environmental health, with an emphasis on how modern environmental issues directly affect children. Focuses on the decision-making process and the larger concept of environmental ethics. Examines the relationship between humans and nature, and the concepts of sustainability, resilience, and global health. Geography 356 (Topic: Children's Environmental Health) and 356 (Topic 1) may not both be counted. Prerequisite: Upper-division standing.
• 37175 TTH 200 - 330P GAR 1.126 ELKINS, J

GRG 356T EXHIBITIONISM/PUBLIC SPECTACLE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with EUS 347, C L 323, GSD 360.
• 37180 TTH 1100 - 1230P GDC 1.406 ARENS, K

SOCIETY OF MODERN MEXICO
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with URB 354 (TOPIC 2), SOC 335, LAS 325 (TOPIC 1).
• 37185 TTH 200 - 330P CLA 1.104 WARD, P

3-GIS/REM SNS ARCHAEOL/PALEO
Course number may be repeated for credit when the topics vary. Designed to give students interested in the fields of archaeology, physical anthropology, and paleontology a foundation in the use of geographical information systems (GIS) and the analysis of remotely sensed data from satellites and aerial photographs. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as ANT 324L (TOPIC 33).
• 37190 TTH 930 - 1100 CLA 1.402 REED, D

5-URBAN PUBLICS
Course number may be repeated for credit when the topics vary. The concept of the public in the city and how it has shifted over time along the lines of gender, ethnicity, race, and class. Examines contemporary struggles over defining the urban public and how those struggles are linked to social, cultural, political, and economic forces. Subjects include uses of public space, the public sphere, eminent domain, urban politics, civic engagement, and political participation. Only one of the following may be counted: Geography 356T (Topic: Urban Publics), 356T (Topic 5), Urban Studies 354 (Topic: Urban Publics). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. meets with URB 354.
• 37195 TTH 200 - 330P GAR 1.134 HEYMAN, R

9-HUMAN HEALTH & ENVIRONMENT
Course number may be repeated for credit when the topics vary. Study of how environmental issues directly impact human lives, including the developing and developed worlds, current conditions and future trends, and environmental degradation. Only one of the following may be counted: Geography 356T (Topic: Human Health and the Environment), 356T (Topic 9), Urban Studies 350 (Topic: Human Health and the Environment), 350 (Topic 2). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as URB 350 (TOPIC 2).
• 37200 TTH 800 - 930 CLA 1.108 ELKINS, J

14-GEOG RELIGION E EURO/RUSSIA
Course number may be repeated for credit when the topics vary. A comprehensive overview of major religious culture regions in the former Eastern bloc countries. Only one of the following may be counted: Geography 356T (Topic: Geography of Religion in Eastern Europe and Russia), 356T (Topic 14); Religious Studies 357 (Topic: Geography of Religion in Eastern Europe and Russia), 357 (Topic 5); Russian, East European, and Eurasian Studies345 (Topic: Geography of Religion in Eastern Europe and Russia), 345 (Topic 9). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as R S 357 (TOPIC 5), REE 345 (TOPIC 9).
• 37205 TTH 200 - 330P BUR 220 JORDAN, B

GRG 357 MEDICAL GEOGRAPHY
The geographic distribution, expansion, and contraction of the infectious diseases that have the greatest influence in shaping human societies today: malaria, AIDS, and others. Prerequisite: Upper-division standing.
• 37210 TTH 930 - 1100 CLA 1.102 ELKINS, J

GRG 460G ENVIR GEOGRAPHIC INFO SYSTEMS
Additional hour(s) to be arranged. An introduction to the creation and use of geographic information systems. Prerequisite: Upper-division standing.
• 37215 TTH 1230 - 200P CLA 0.128 MILLER, J
M 900 - 1100 CLA 1.402
• 37220 TTH 1230 - 200P CLA 0.128 MILLER, J
W 900 - 1100 CLA 1.402
• 37225 TTH 1230 - 200P CLA 0.128 MILLER, J
M 1200 - 200P CLA 1.402
• 37230 TTH 1230 - 200P CLA 0.128 MILLER, J
W 1200 - 200P CLA 1.402

GRG 462K INTRO REMOTE SENSING OF ENVIR
The use of electromagnetic energy to sense objects in the natural environment; interpretation and recognition of patterns detected by sensors. Prerequisite: Upper-division standing.
• 37235 TTH 930 - 1100 CLA 1.106 MEYER, T
T 330 - 500P CLA 1.402
• 37240 TTH 930 - 1100 CLA 1.106 MEYER, T
TH 330 - 500P CLA 1.402

GRG 368C SPATIAL ANLY/GEOGRAPH INFO SYS
Addresses spatial problem solving by focusing on both the theoretical/conceptual and practical aspects of geographic information systems modeling. Describes geographic information systems techniques and spatial statistics used to quantify and measure spatial patterns. Prerequisite: Upper-division standing and Geography 360G.
• 37245 TTH 200 - 330P CLA 1.402 MILLER, J

GRG 470C ADVANCED GEOGRAPHIC INFO SYS
Study of methods of spatial analysis, design and implementation of a geographic information system, vector and raster modeling, and advanced applications of geographic information systems. Prerequisite: Geography 360G and consent of instructor.
• 37250 MW 1000 - 1130 PAR 306 ARIMA, E
M 200 - 400P CLA 1.402
• 37255 MW 1000 - 1130 PAR 306 ARIMA, E
W 200 - 400P CLA 1.402

GRG 373F FIELD TECHNIQUES
Restricted enrollment; contact the department for permission to register for this class. Introduction to the collection and mapping of environmental and cultural data, involving both classroom lectures and outdoor exercises. Prerequisite: Upper-division standing, a major in geography, and consent of instructor.
• 37260 MWF 1200 - 100P CLA 3.102 DOOLITTLE, W

GRG 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. Regular conferences with the faculty supervisor are also required. For honors candidates in geography. Prerequisite: For 679HA, admission to the Geography Honors Program no later than two semesters before expected graduation; for 679HB, Geography 679HA. A University grade point average of at least 3.00 and a grade point average in geography of at least 3.50 are required for admission to the Geography Honors Program.
• 37265

GRG 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. Regular conferences with the faculty supervisor are also required. For honors candidates in geography. Prerequisite: For 679HA, admission to the Geography Honors Program no later than

two semesters before expected graduation; for 679HB, Geography 679HA. A University grade point average of at least 3.00 and a grade point average in geography of at least 3.50 are required for admission to the Geography Honors Program.
• 37270

GRG 379K CONFERENCE COURSE
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in geography. Prerequisite: Six semester hours of upper-division coursework in one or more of the social, geological, or natural sciences; and consent of instructor.
• 37275

GRG 390K ISSUES IN GEOGRAPHY
Examines the history, philosophy, and ontology of geography, including its various subfields. Required of all first-year graduate students in geography. Prerequisite: Graduate standing in geography, or graduate standing and consent of the graduate adviser.
• 37280 M 500 - 800P CLA 3.710 ADAMS, P

GRG 395D LAT AMER CULS, ENVIR, & DEV
Restricted enrollment; contact the department for permission to register for this class. Exploration through Latin American examples of issues of cultural identity and territory, adaptive strategies, environmental impact, conservation, cultural survival, parks and people, and sustainable development. Prerequisite: Graduate standing and consent of instructor. same as LAS 388 (TOPIC 3).
• 37285 M 700 - 1000P CLA 2.606 KNAPP, G

GRG 396T GENDER AND MIGRATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with LAS 388, WGS 393.
• 37290 TH 400 - 700P CLA 0.108 TORRES, R

HYDRO-GEOMORPHOLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 37295 W 600 - 900P CLA 0.118 RAMOS, C

WETLANDS AND FLOODPLAINS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 37297 TH 500 - 800P CLA 3.102 BEACH, T

GRG 397 CONFERENCE COURSE IN GEOGRAPHY
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised study and research. Prerequisite: Graduate standing and consent of supervising professor.
• 37300

GRG 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in geography and consent of the graduate adviser; for 698B, Geography 698A.
• 37305

GRG 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in geography and consent of the graduate adviser; for 698B, Geography 698A.
• 37310

GRG 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in geography and consent of the graduate adviser.
• 37315

GRG 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 37320

GRG 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 37325

GRG 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 37330

GRG 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geography 399R, 699R, or 999R.
• 37335

GRG 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geography 399R, 699R, or 999R.
• 37340

GRG 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geography 399R, 699R, or 999R.
• 37345

SUS 374 CAPSTONE EXP IN SUS STUDIES
Work independently to complete a research project that assembles and integrates knowledge and skills acquired across your university career. Current concerns and methodology in the field of Sustainability Studies; an introduction to theory and research in Sustainability topics. Prerequisite: Upper-division standing and consent of undergraduate advisor.
• 37400 T 330 - 630P MEZ 1.122 WALENTA, J

SUS 379L DIRECTED INTERNSHIPS IN SUS
Experience working in an appropriate government agency, non-governmentalorganization, or private business. Prerequisite: Upper division standing, completion of at least seventy semester hours of coursework, including twelve semester hours of sustainability studies, and consent of the undergraduate adviser.
• 37405 W 600 - 900P CLA 0.122 POLK, M

URB 301 INTRODUCTION TO URBAN STUDIES
A multidisciplinary study of cities and complex urban environments; historical and contemporary issues from both national and international perspectives. same as GRG 307C.
• 37460 TTH 330 - 500P CAL 100

URB 350 2-HUMAN HEALTH & ENVIRONMENT
Course number may be repeated for credit when the topics vary. The basic political and administrative structures of cities and metropolitan regions, including problems associated with local and regional government. Study of how environmental issues directly impact human lives, including the developing and developed worlds, current conditions and future trends, and environmental degradation. Only one of the following may be counted: Geography 356T (Topic: Human Health and the Environment), 356T (Topic 9), Urban Studies 350 (Topic: Human Health and the Environment), 350 (Topic 2). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 356T (TOPIC 9).
• 37465 TTH 800 - 930 CLA 1.108 ELKINS, J

URB 351 5-INTRO R ESTATE/URB LAND DEV
Course number may be repeated for credit when the topics vary. Urban economics and the application of economic analysis to urban concerns, including economic development, urbanization, urban form, public finance, and competition. An examination of the principles of real estate and urban land economics. Subjects include investment, valuation, financing, and publicpolicy in real estate and mortgage markets. Only one of the following may be counted: Real Estate 358, Urban Studies351 (Topic: Introduction to Real Estate and Urban Land Development), 351(Topic 5). Prerequisite: Varies with the topic. Additional prerequisite: Accounting 310F or 311 or 311H; and Finance 357or 357H. same as R E 358.
• 37470 MW 800 - 930 CBA 4.328 BOWERS, S
• 37475 MW 930 - 1100 CBA 4.328 BOWERS, S

6-INTRO TO RISK MANAGEMENT
Course number may be repeated for credit when the topics vary. Urban economics and the application of economic analysis to urban concerns, including economic development, urbanization, urban form, public finance, and competition. Principles of risk management for individuals and organizations, financial aspects of insurance companies and markets, industry structure, managerial aspects of underwriting and pricing, and public policy issues. Only one of the following may be counted: Risk Management 357E, Urban Studies 351 (Topic: Intro to Risk Management), 351 (Topic 6). Prerequisite: Varies with the topic. same as R M 357E.
• 37480 MW 800 - 930 UTC 4.134 MCCLELLAN, C

URB 352 URBAN DESIGN HIST/THEORY/CRIT
Course number may be repeated for credit when the topics vary. Issues concerning the built environment and urban infrastructure, environmental sustainability, and the public policy framework designed to manage the challenges presented by these issues. Prerequisite: Varies with the topic. meets with CRP 386, ARC 327C, ARC 391C, LAR 388.
• 37485 TTH 1230 - 200P WMB 4.118 ALMY, D

2-AMER DREAM: STAT QUO/ALTERNS
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Issues concerning the built environment and urban infrastructure, environmental sustainability, and the public policy framework designed to manage the challenges presented by these issues. Architecture 327F and Urban Studies 352 (Topic 2) may not both be counted. Prerequisite: Varies with the topic. same as ARC 327F.
• 37490 M 700 - 1000P SUT 2.114 ROSS, S

URB 353 HIST/THEORS OF LANDSCP ARCH I
Course number may be repeated for credit when the topics vary. The historical evolution of cities, contemporary urban development trends, and the links between social development and physical form. Prerequisite: Varies with the topic. Additional prerequisite: Consent of instructor. meets with ARC 395E, ARC 342E, LAR 388K.
• 37495 MW 1000 - 1130 GOL 3.120 BENES, M

2-TEXAS, 1914 TO THE PRESENT
Course number may be repeated for credit when the topics vary. The historical evolution of cities, contemporary urban development trends, and the links between social development and physical form. The steady dissociation of Texas from its Old South

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status to a transitional state and a power in national politics. Three semester hours of Texas history may be substituted for half of thelegislative requirement for American history. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as HIS 320R, MAS 374 (TOPIC 16).
• 37500 TTH 1230 - 200P ART 1.120 ZAMORA, E

URB 354 FOUNDATIONS OF SOCIAL JUSTICE
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Prerequisite: Varies with the topic. Topic description: History and demographics of culturally diverse groups in the United States, including family and community diversity. Emphasis on principles of knowledge acquisition about cultural diversity and et hnic-sensitive social work practice. Restricted to students in the School of Social Works. meets with S W 325.
• 37505 MW 1100 - 1230P SSW 2.130 ROUNTREE, M

SOCL WORK PRAC IN ORG AND COMM
Laboratory hour(s) to be arranged. Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Prerequisite: Varies with the topic. Topic description: Theory and knowledge of effecting change in organizations and communities, with an emphasis on analytical and interactional processes and skills. meets with S W 334.
• 37510 TTH 1230 - 200P SSW 2.118 BEVERLY, H

URBAN EXPERIENCES IN EAST ASIA
Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Prerequisite: Varies with the topic. meets with ANS 361.
• 37515 TTH 1230 - 200P MEZ 1.202 OH, Y

URBAN PUBLICS
Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Prerequisite: Varies with the topic. meets with GRG 356T (TOPIC 5).
• 37520 TTH 200 - 330P GAR 1.134 HEYMAN, R

2-SOCIETY OF MODERN MEXICO
Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Family, community, industrialization, and urbanization in modern Mexico. Prerequisite: Varies with the topic. same as LAS 325 (TOPIC 1), SOC 335. also meets with GRG 356T.
• 37525 TTH 200 - 330P CLA 1.104 WARD, P

8-CONTEMP CULTURAL GEOGRAPHY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Recent theoretical developments in cultural geography, with a focus on landscapes and the everyday practices that imbue them with meaning; the ways those meanings are contested and are the foci of struggle; and how the relationship between culture and space plays a central role in the social construction of identity. Only one of the following may be counted: Geography 336, Urban Studies 354 (Topic: Contemporary Cultural Geography), 354 (Topic 8). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 336.
• 37530 TTH 930 - 1100 CLA 0.106

10-HUMAN BEHAV & SOCIAL ENVIR
Laboratory hour(s) to be arranged. Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Survey of selected theories of human behavior, including a systems/ecological perspective, ego psychology, and social learning theory, with emphasis on the life cycle from adolescence through adulthood. Only one of the following may be counted: Social Work 327, Urban Studies 354 (Topic: Human Behavior and Social Environment), 354 (Topic 10). Prerequisite: Varies with the topic. Additional prerequisite: For social work majors, admission to the major in social work; for others, upper-division standing. same as S W 327.
• 37535 TTH 930 - 1100 SSW 2.112 RHODES, D

12-SOC OF CRIMINAL JUSTICE
Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Examination of the police, courts, and prisons: how they work, their impact on those who pass through them. Introduction to the American criminal justice system, its policies and procedures. The primary focus will be on the roles and functions of the police, the courts, and corrections, with a special emphasis on how well or not so well the system operates. Only one of the following may be counted: Sociology 325L, Urban Studies 354 (Topic: Sociology of Criminal Justice), 354 (Topic 12). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as SOC 325L.
• 37540 TTH 1100 - 1230P CLA 0.102 KELLY, W

12-SOC OF CRIMINAL JUSTICE
Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Examination of the police, courts, and prisons: how they work, their impact on those who pass through them. Introduction to the American criminal justice system, its policies and procedures. The primary focus will be on the roles and functions of the police, the courts, and corrections, with a special emphasis on how well or not so well the system operates. Only one of the following may be counted: Sociology 325L, Urban Studies 354 (Topic: Sociology of Criminal Justice), 354 (Topic 12). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as SOC 325L.
• 37545 TTH 1230 - 200P CLA 0.102 KELLY, W

13-AMERICAN DILEMMAS
Course number may be repeated for credit when the topics vary. Topics on the social and cultural diversity within cities; social policies; and the sociocultural impact of the media and other institutions on urban development. Examination of critical American social problems, including problems in the economic, political, and health care systems, as well as inequities based on income, gender, and race. Exploration of how these problems are a natural outgrowth of the existing social structure. Only one of the following may be counted: Sociology 336C, Urban Studies 354 (Topic: American Dilemmas), 354 (Topic 13), Women's and Gender Studies 345 (Topic 26). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as SOC 336C, WGS 345 (TOPIC 26).
• 37550 MWF 900 - 1000 CLA 1.108 GREEN, P

URB 360 INTERNSHIP/SERVICE LEARNING
Restricted enrollment; contact the department for permission to register for this class. Internship experience in an urban studies-related public or nonprofit agency. The opportunity to apply the knowledge, theory, and understanding gained from courses in areas of specialization to urban issues in a professional setting. Includes an academic service-learning component. Only one of the following may be counted: Geography 340U, 356T (DIRECTEDINTRNSHPS IN URB STDS), Urban Studies 360. Prerequisite: Upper-division standing; and Urban Studies 301 and 315. same as GRG 340U.
• 37555 W 600 - 900P GAR 2.112 AKINS, E

URB 370 SENIOR PROJECT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Students identify an urban issue, develop a position paper, and work closely with a faculty adviser on a project. Students may use text or other media (such as video or portfolio) to present their arguments. Prerequisite: Upper-division standing, and Urban Studies 301, 315, and 360 with a grade of at least C in each.
• 37560

URB 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Directed reading and research or creation of an honors project, followedby the writing of a thesis. Prerequisite: For 679HA, admission to the Urban Studies Honors Program and consent of the urban studies adviser; for 679HB, Urban Studies 679HA.
• 37565

URB 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Directed reading and research or creation of an honors project, followedby the writing of a thesis. Prerequisite: For 679HA, admission to the Urban Studies Honors Program and consent of the urban studies adviser; for 679HB, Urban Studies 679HA.
• 37570

DEPARTMENT OF GERMANIC STUDIES

Danish - DAN
Dutch - DCH
Finnish - FNH
German - GER
Germanic, Scandinavian, and Dutch Studies - GSD
Germanic Civilization - GRC
Norwegian - NOR
Scandinavian - SCA
Swedish - SWE
Yiddish - YID

DAN 604 ACCELERATED FIRST-YEAR DANISH
Designed to accommodate 35 or fewer students.
• 37625 MWF 900 - 1100 BUR 232 CORTSEN, R

DAN 379 CONF CRS IN DANISH LANG OR LIT
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Danish language or literature. Prerequisite: Upper-division standing and consent of instructor.
• 37630

DCH 604 ACCELERATED FIRST-YEAR DUTCH
• 37685 MWF 900 - 1100 BUR 234 VANDERHEIJDEN, V

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course	unique	days	time	room	instructor

DCH 379 CONF CRS IN DUTCH LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study of selected problems in Dutch language or literature. Prerequisite: Upper-division standing and consent of instructor.
• 37690

GER 604 ACCELERATED FIRST-YEAR GERMAN
Only one of the following may be counted: German 601C, 604, 506. Only one of the following may be counted: German 601C, 604, 507, 507R, 508K.
• 37745 MWF 800 - 1000 JES A307A

GER 506 FIRST-YEAR GERMAN I
Basic training in grammatical patterns and usage of modern German. Only one of the following may be counted: German 601C, 604, 506.
• 37750 MW 800 - 900 JES A305A
TTH 800 - 930 JES A305A
• 37755 MW 1000 - 1100 JES A305A
TTH 930 - 1100 JES A305A
• 37760 MW 1100 - 1200 JES A305A
TTH 1100 - 1230P JES A305A
• 37765 MW 100 - 200P JES A305A
TTH 1230 - 200P JES A305A
• 37770 MW 200 - 300P JES A305A
TTH 200 - 330P JES A305A
• 37775 MW 300 - 400P JES A305A
TTH 330 - 500P JES A305A

GER 507 FIRST-YEAR GERMAN II
Advanced training in grammatical patterns and usage of modern German. Only one of the following may be counted: German 601C, 604, 507, 507R, 508K. Prerequisite: German 506 with a grade of at least C.
• 37780 MW 1000 - 1100 JES A307A
TTH 930 - 1100 JES A307A
• 37785 MW 1100 - 1200 JES A307A
TTH 1100 - 1230P JES A307A
• 37790 MW 100 - 200P JES A307A
TTH 1230 - 200P JES A307A
• 37795 MW 300 - 400P JES A307A
TTH 200 - 330P JES A307A

GER 612 ACCEL SEC-YR GER: READ MOD GER
Grammar review, composition, readings and recitation, discussion of literary works, and German culture. Only one of the following may be counted: German 611C, 612, 312K, 312R, 312V. Only one of the following may be counted: German 611C, 612, 312L, 312S, 312W. Prerequisite: German 604, 507, or 508K with a grade of at least C.
• 37800 MWF 800 - 1000 JES A218A
• 37805 MWF 900 - 1100 JES A303A
• 37810 MWF 1100 - 100P JES A303A
• 37815 MWF 100 - 300P JES A303A

GER 328 ADVANCED GERMAN GRAMMAR
Description of German sounds, grammatical structures, pronunciation, word formation. Prerequisite: German 310, 612, 312L, 312S, 312W, or 317C with a grade of at least C.
• 37820 TTH 1100 - 1230P BUR 337 PIERCE, M

GER 331L ADV CONVERSATN & COMPOS: LIT
German literary material from print and visual media provides the basis for advanced conversation and composition, with considerable practice in the writing of short essays in German. Only one of the following may be counted: German 330C or 331L. Prerequisite: German 310, 612, 312L, 312S, 312W, or 317C with a grade of at least C.
• 37825 MWF 1200 - 100P GEA 114 BELGUM, K

GER 346L GERMAN LIT, ENLIGHTMNT-PRESENT
Cultural, social, and literary history of German-speaking Europe between 1750 and 1900. Taught in German. Prerequisite: Three semester hours of upper-division coursework in German with a grade of at least C.
• 37830 TTH 930 - 1100 BUR 128 FULK, K

GER 149T INTRO TO TEACHING GERMAN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual instruction designed to offer students an introduction to principles of foreign language education and the opportunity to teach German in local elementary schools. May be repeated for credit, but no more than three semester hours may becounted toward a degree in the College of Liberal Arts. May not be counted toward a major in German. Prerequisite: Credit or registration for German 312L or the equivalent.
• 37835

GER 249T INTRO TO TEACHING GERMAN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual instruction designed to offer students an introduction to principles of foreign language education and the opportunity to teach German in local elementary schools. May be repeated for credit, but no more than three semester hours may becounted toward a degree in the College of Liberal Arts. May not be counted toward a major in German. Prerequisite: Credit or registration for German 312L or the equivalent.
• 37840

GER 349T INTRO TO TEACHING GERMAN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual instruction designed to offer students an introduction to principles of foreign language education and the opportunity to teach German in local elementary schools. May be repeated for credit, but no more than three semester hours may becounted toward a degree in the College of Liberal Arts. May not be counted toward a major in German. Prerequisite: Credit or registration for German 312L or the equivalent.
• 37845

GER 363K POP MUSIC AND WEST GERMANY
Course number may be repeated for credit when the topics vary. Study of selected aspects of Germanic civilization, such as science and philosophy, fine arts, film, history, social institutions. Conducted in German. Prerequisite: Six semester hours of upper-division coursework in German.
• 37850 TTH 200 - 330P PAR 105 FULK, K

GER 369 1-STRUCTURE OF GERMAN LANGUAGE
Course number may be repeated for credit when the topics vary. Introduction to the phonology, morphology, syntax, dialectology, or lexicography of individual Germanic languages. German 369 (Topic 1) and Linguistics 373 (Topic 6: The Structure of the German Language) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Three semester hours of upper-division coursework in German or linguistics. meets with ANT 320L (TOPIC 9), LIN 373 (TOPIC 9).
• 37855 TTH 1230 - 200P BUR 337 PIERCE, M

GER 179 CONF CRS IN GERMAN LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual instruction course in which students engage in special studies necessary to expand their acquaintance with any subject in Germanic languages or literature. Prerequisite: Six semester hours of upper-division coursework in German.
• 37860

GER 279 CONF CRS IN GERMAN LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual instruction course in which students engage in special studies necessary to expand their acquaintance with any subject in Germanic languages or literature. Prerequisite: Six semester hours of upper-division coursework in German.
• 37865

GER 379 CONF CRS IN GERMAN LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual instruction course in which students engage in special studies necessary to expand their acquaintance with any subject in Germanic languages or literature. Prerequisite: Six semester hours of upper-division coursework in German.
• 37870

GER 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual research on a literary or linguistic problem, culminating in an honors paper of some length. Prerequisite: For 679HA, upper-division standing, six semester hours of upper-division German, a University grade point average of at least 3.00, a grade point average in German of at least 3.50, and admission to the Germanic Studies Honors Program; for 679HB, German 679HA.
• 37875

GER 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual research on a literary or linguistic problem, culminating in an honors paper of some length. Prerequisite: For 679HA, upper-division standing, six semester hours of upper-division German, a University grade point average of at least 3.00, a grade point average in German of at least 3.50, and admission to the Germanic Studies Honors Program; for 679HB, German 679HA.
• 37880

GER 382M IMMIGRATION GER/US
Course number may be repeated for credit when the topics vary. Study of various political, intellectual, artistic, and social movements in the cultures of Germanic countries. Prerequisite: Graduate standing or consent of instructor. meets with AMS 391.
• 37885 TTH 200 - 330P BUR 232 LAUBENTHAL, B

GER 185 CONF CRS IN GERMAN LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 37890

GER 285 CONF CRS IN GERMAN LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 37895

GER 385 CONF CRS IN GERMAN LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 37900

March 3, 2015

course	unique	days	time	room	instructor

GER 386 WOMEN WRITERS/INTELLECTUALS
Course number may be repeated for credit when the topics vary. Thorough survey of the principal periods of Germanic literature. Prerequisite: Graduate standing or consent of instructor. meets with C L 382.
• 37905 TTH 1230 - 200P BUR 232 WILKINSON, L

GER 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Germanic studies and consent of the graduate adviser; for 698B, German 698A.
• 37910

GER 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Germanic studies and consent of the graduate adviser; for 698B, German 698A.
• 37915

GER 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Germanic studies and consent of the graduate adviser.
• 37920

GER 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 37925

GER 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 37930

GER 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 37935

GER 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: German 399R, 699R, or 999R.
• 37940

GER 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: German 399R, 699R, or 999R.
• 37945

GER 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: German 399R, 699R, or 999R.
• 37950

GSD 340 ARENDT AND DE BEAUVOIR
Course number may be repeated for credit when the topics vary. Examination of significant case studies, often literary, on how narratives and other text-types are constructed (as art and/or material culture), circulated, and understood by readers and on how they work in and between various national traditions in Northern Europe and/or in relation to its cultural nexuses. Only one of the following may be counted unless the topics vary: German, Scandinavian, and Dutch Studies 340, Germanic Civilization 323E, 362E, Scandinavian 323, 373. Prerequisite: Upper-division standing. meets with EUS 347, C L 323, WGS 340.
• 38005 TTH 930 - 1100 BUR 337 WILKINSON, L

GSD 341E HANS CHRISTIAN ANDERSEN
Introduction to such Hans Christian Andersen tales as "The Little Mermaid," "The Ugly Duckling," and "The Emperor's New Clothes." Examination of their author and the romantic period in which they were written, as well as their historical, philosophical, and literary context. Only one of the following may be counted: Comparative Literature 323 (Topic: Hans Christian Andersen), 323 (Topic 12), English 322 (Topic 19), European Studies 347 (Topic: Hans Christian Andersen), 347 (Topic 14), German, Scandinavian, and Dutch Studies 341E, Germanic Civilization 323E (Topic 4), Scandinavian 373 (Topic 4). Prerequisite: Upper-division standing. same as C L 323 (TOPIC 12), EUS 347 (TOPIC 14).
• 38010 MWF 100 - 200P BUR 337 CORTSEN, R

GSD 360 EUROPN IMMIGRATN TEXAS 19TH C
Course number may be repeated for credit when the topics vary. In-depth explorations of contemporary and historical moments in the cultures, social relations, cultural histories, and intellectual histories of the nations in Northern Europe and its cultural networks. Only one of the following may be counted unless the topics vary: German, Scandinavian, and Dutch Studies 360, Germanic Civilization 327E, 340E, 360E, 362E, Scandinavian 327, 335. Prerequisite: Upper-division standing. meets with AMS 321, EUS 346.
• 38015 TTH 1230 - 200P PAR 302 KEARNEY, J

EXHIBITIONISM/PUBLIC SPECTACLE
Course number may be repeated for credit when the topics vary. In-depth explorations of contemporary and historical moments in the cultures, social relations, cultural histories, and intellectual histories of the nations in Northern Europe and its cultural networks. Only one of the following may be counted unless the topics vary: German, Scandinavian, and Dutch Studies 360, Germanic Civilization 327E, 340E, 360E, 362E, Scandinavian 327, 335. Prerequisite: Upper-division standing. meets with EUS 347, C L 323, GRG 356T.
• 38020 TTH 1100 - 1230P GDC 1.406 ARENS, K

JEWISH FOLKLORE
Course number may be repeated for credit when the topics vary. In-depth explorations of contemporary and historical moments in the cultures, social relations, cultural histories, and intellectual histories of the nations in Northern Europe and its cultural networks. Only one of the following may be counted unless the topics vary: German, Scandinavian, and Dutch Studies 360, Germanic Civilization 327E, 340E, 360E, 362E, Scandinavian 327, 335. Prerequisite: Upper-division standing. meets with R S 357, J S 363, ANT 325L, REE 325.
• 38025 TTH 1230 - 200P GDC 5.304 GOTTESMAN, Y

GSD 361F SQUARING THE VIENNA CIRCLE
Traces the origin of the Vienna Circle of Logical Empiricism in nineteenth-century Europe, and introduces central texts and problems of intellectual history and historical epistemology at the roots of today's analytic philosophy. Only one of the following may be counted: Comparative Literature 323 (Topic: Squaring the Vienna Circle), 323 (Topic 18), European Studies 347 (Topic: Squaring the Vienna Circle), 347 (Topic 20), German, Scandinavian, and Dutch Studies 361F, Germanic Civilization 362E (Topic: Squaring the Vienna Circle), Philosophy 327 (Topic: Squaring the Vienna Circle), 354 (Topic: Squaring the Vienna Circle). Prerequisite: Upper-division standing. same as C L 323 (TOPIC 18), EUS 347 (TOPIC 20). also meets with PHL 327.
• 38030 TTH 330 - 500P GEA 114 ARENS, K

GSD 377 CAPSTONE RESEARCH IN GSD
Hour(s) to be arranged. Work leading to assembling a capstone portfolio in German, Scandinavian, and Dutch Studies, including tutorials on norms for presentation, writing, documentation, and research. Prerequisite: Upper-division standing, German, Scandinavian, and Dutch Studies 301, nine semester hours of upper-division coursework in German, Scandinavian, and Dutch Studies, and consent of instructor.
• 38035

GSD 379 CONFERENCE COURSE IN GSD
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in German, Scandinavian, and Dutch Studies. Prerequisite: Upper-division standing and consent of instructor.
• 38040

GSD 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual research on a literary or linguistic problem, culminating in an honors paper of some length. Prerequisite: For 679HA, upper-division standing, six semester hours of upper-division coursework in German, Scandinavian, and Dutch Studies, a University grade point average of at least 3.00, a grade point average in German, Scandinavian, and Dutch Studies of at least 3.50, and admission to the German, Scandinavian, and Dutch Studies Honors Program; for 679HB, German, Scandinavian, and Dutch Studies 679HA.
• 38045

NOR 604 ACCELERATED FIRST-YEAR NOR
• 38100 MWF 1100 - 100P BUR 337 STRAUBHAAR, S

NOR 327 ADVANCED NORWEGIAN I
Hour(s) to be arranged. Norwegian language and culture with a focus on the skills of speaking, comprehension, reading, and writing Norwegian. Norwegian 327 and Scandinavian 369 (Topic: Advanced Norwegian Language and Culture I) may not both be counted. Prerequisite: Norwegian 612 with a grade of at least C.
• 38105

NOR 379 CONF CRS NORWEG LANG OR LIT
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Norwegian language or literature. Prerequisite: Upper-division standing and consent of instructor.
• 38110

SWE 604 ACCELERATED FIRST-YEAR SWEDISH
• 38165 MWF 900 - 1100 BUR 337 JOHANSSON, P

SWE 379 CONF CRS SWEDISH LANG OR LIT
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Swedish language or literature. Prerequisite: Upper-division standing and consent of instructor.
• 38170

YID 604 ACCELERATED FIRST-YEAR YIDDISH
• 38225 MWF 100 - 300P BUR 232 GOTTESMAN, Y

YID 379 CONF COURSE IN YID LANG OR LIT
Hour(s) to be arranged. May be repeated for credit. Supervised individual instruction course in which students engage in special studies necessary to expand their acquaintance with any subject in Yiddish language or literature. Prerequisite: Upper-division standing and consent of instructor.
• 38230

DEPARTMENT OF GOVERNMENT

Government - GOV

March 3, 2026

GOV 310L

AMERICAN GOVERNMENT

A basic survey of American government, including fundamental political institutions, federal, state, and local; special attention to the UnitedStates and Texas Constitutions. Part of a six-semester-hour integrated sequence, the second half of which is Government 312L. Fulfills first half of legislative requirement for government.

- 38285 TTH 800 - 930 MEZ B0.306
- 38290 TTH 930 - 1100 MEZ B0.306 EPP, D

AMERICAN GOVERNMENT

Designed to accommodate 100 or more students. A basic survey of American government, including fundamental political institutions, federal, state, and local; special attention to the UnitedStates and Texas Constitutions. Part of a six-semester-hour integrated sequence, the second half of which is Government 312L. Fulfills first half of legislative requirement for government. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go tohttp://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connectivity.

- 38295 MW 230 - 400P MCDANIEL, E

AMERICAN GOVERNMENT

Designed to accommodate 100 or more students. A basic survey of American government, including fundamental political institutions, federal, state, and local; special attention to the UnitedStates and Texas Constitutions. Part of a six-semester-hour integrated sequence, the second half of which is Government 312L. Fulfills first half of legislative requirement for government.

- 38300 TTH 1100 - 1230P CAL 100 MCIVER, J

AMERICAN GOVERNMENT

A basic survey of American government, including fundamental political institutions, federal, state, and local; special attention to the UnitedStates and Texas Constitutions. Part of a six-semester-hour integrated sequence, the second half of which is Government 312L. Fulfills first half of legislative requirement for government.

- 38305 MWF 1200 - 100P UTC 3.134
- 38310 MWF 100 - 200P CAL 100

AMERICAN GOVERNMENT

Designed to accommodate 100 or more students. A basic survey of American government, including fundamental political institutions, federal, state, and local; special attention to the UnitedStates and Texas Constitutions. Part of a six-semester-hour integrated sequence, the second half of which is Government 312L. Fulfills first half of legislative requirement for government.

- 38315 MWF 1000 - 1100 UTC 4.122 PRINDLE, D
- 38320 MWF 1000 - 1100 CAL 100
- 38325 TTH 330 - 500P UTC 3.102 LEAL, D

AMERICAN GOVERNMENT-HONORS

A basic survey of American government, including fundamental political institutions, federal, state, and local; special attention to the UnitedStates and Texas Constitutions. Part of a six-semester-hour integrated sequence, the second half of which is Government 312L. Fulfills first half of legislative requirement for government. Restricted to students in the Freshman Honors Program.

- 38330 TTH 200 - 330P CBA 4.336 TULIS, J

GOV 312L

ISSUES & POLICIES IN AMER GOV

Offered on the letter-grade basis only. Analysis of underlying themes concerned with American political institutions and policies, including the United States Constitution. Fulfills second half of legislative requirement for government. Government 312L and 312P may not both be counted.

- 38335 TTH 930 - 1100 WELLHAUSEN, R
- 38340 TTH 930 - 1100 UTC 4.124 BROWNLEE, J
- 38345 MWF 1200 - 100P CLA 0.102 STAUFFER, D
- 38350 TTH 1230 - 200P SAC 1.402 PHILPOT, T
- 38355 MW 100 - 230P MEZ B0.302 BUDZISZEWSKI, J
- 38360 MWF 200 - 300P CLA 0.128
- 38365 TTH 200 - 330P WAG 101
- 38370 MW 230 - 400P UTC 3.134 ENELOW, J
- 38375 TTH 330 - 500P FAC 21 THERIAULT, S

ISSUES & POLICIES IN AMER GOV

Offered on the letter-grade basis only. Analysis of underlying themes concerned with American political institutions and policies, including the United States Constitution. Fulfills second half of legislative requirement for government. Government 312L and 312P may not both be counted. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and i nternet connectivity.

- 38380 TTH 1230 - 200P MOSER, R

GOV 312P

CONSTITUTNL PRINS: CORE TEXTS

Offered on the letter-grade basis only. Close readings from primary texts that have shaped or that reflect deeply upon American democracy, including the Declaration of Independence, The Federalist Papers, and Tocqueville's Democracy in America. Fulfills second half of legislative requirement for government. Government 312P and 312L may not both be counted.

- 38385 MWF 900 - 1000 CLA 1.102
- 38390 MWF 900 - 1000 PAR 208
- 38395 TTH 330 - 500P MEZ B0.302

GOV 314

10-CLASSICS OF SOCL/POLIT THOU

Course number may be repeated for credit when the topics vary. Introduction to varying topics in government and politics. Explores the origins of social scientific thought in the history of political philosophy and traces the development of one or more of the social sciences in modern times. Focuses on fundamental ideas about human nature, civil society, and politics, explored through reading suchauthors as Aristotle, Aquinas, Locke, Rousseau, Marx, Weber, Durkheim, and Freud. Does not fulfill any part of the legislative requirement for government. Only one of the following may be counted: Core Texts and Ideas 302, Government 314 (Topic: Classics of Social and Political Thought), 314 (Topic 10). same as CTI 302.

- 38400 MWF 1100 - 1200 MEZ 2.124 DEMPSEY, E
- 38405 MWF 100 - 200P GAR 0.120 WENSVEEN, J
- 38410 TTH 330 - 500P MEZ 1.102 BENNETT, Z

GOV 320N

US CONST DEVELOPMENT: RIGHTS

A survey of the origin and growth of the American constitutional system with an emphasis on the development of civil rights and civil liberties in America. Government 320N and 357M (Topic: American Constitutional Development II)may not both be counted. Primarily for prelaw students and government majors. Prerequisite: Six semester hours of lower-division coursework in government.

- 38415 MW 230 - 400P SAGER, A

GOV 321M

POLITICS IN JAPAN

Survey of postwar Japanese politics; the occupation, governmental institutions, interest groups, protest movements, industrial policy, thegovernment-business relationship, and political and economic reform. Asian Studies 321M and Government 321M may not both be counted. Prerequisite: Six semester hours of lower-division coursework in government. same as ANS 321M.

- 38420 TTH 930 - 1100 UTC 4.104 MACLACHLAN, P

GOV 322M

POLITICS IN CHINA

Survey of twentieth-century China: historical trends; 1911 revolution; Warlord-Nationalist period; Communist revolution; post-1949 issues; new social and political institutions. Only one of the following may be counted: Asian Studies 322M, 361 (Topic: Politics in China), Government 322M. Prerequisite: Six semester hours of lower-division coursework in government. same as ANS 322M.

- 38425 MW 100 - 230P SZB 330 LU, X

GOV 324L

GOVS & POLIT OF WESTERN EUROPE

Comparative study of peoples, institutions, parties, interest groups, and bureaucracy in the countries of Western Europe, concentrating on the major political systems of Britain, France, Germany, and Italy. European Studies 350 and Government 324L may not both be counted. Prerequisite: Six semester hours of lower-division coursework in government. same as EUS 350.

- 38430 MW 100 - 230P PAR 301 SOMER-TOPCU, Z

GOV 325

POLITICAL PARTIES

Character of the American party system, organization and leadership; pressure politics; the nominating process, campaigns, suffrage, elections, and the expression of public opinion. Prerequisite: Six semester hours of lower-division coursework in government.

- 38435 TTH 200 - 330P CAL 100 SHAW, D

GOV 328L

INTRO TO LAT AMER GOV & POL

An introductory survey of Latin American political systems: governmental organization, political processes, and current problems. Prerequisite: Six semester hours of lower-division coursework in government. same as LAS 337M (TOPIC 5).

- 38440 TTH 330 - 500P MEZ B0.306 MADRID, R

GOV 330K

THE AMERICAN PRESIDENT

Development of the power and influence of the president; nomination, election, and responsibility; case studies of presidential problems; comparison of president and other executives. Prerequisite: Six semester hours of lower-division coursework in government.

- 38445 TTH 330 - 500P WLEZIEN, C

GOV 335M

14-INTEL WORLD AMER FOUNDERS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive examination of selected issues in political thought. A study of readings about politics, history, economics, ethics, religion, and law and their intellectual influence on founders such as Thomas Jefferson, George Washington, James Madison, and Alexander Hamilton. Government 335M (Topic: Intellectual World of the American Founders) and 335M (Topic 14) may not both be counted. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government.

- 38450 MW 230 - 400P MEZ B0.302 BUDZISZEWSKI, J

17-WOMEN HIST POLIT THOUGHT

Course number may be repeated for credit when the topics vary. Intensive examination of selected issues in political thought. Examines the themes of women, the family, and the private sphere in the history of political theory. Only one of the following may be counted: Core Texts and Ideas 335 (Topic: Women in Hist of Polit Thought), 335 (Topic 5), Government 335M (Topic: Women in History of Political Thought), 335M (Topic 17), Women's and Gender Studies 345 (Topic: Women in History of Political Thought), 345 (Topic 32). Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. Additional prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. same as CTI 335 (TOPIC 5), WGS 345 (TOPIC 32).

- 38455 MWF 100 - 200P CLA 0.112 STAUFFER, D

GOV 335N

7-SOUTHERN POLITICAL HISTORY

Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American state government and politics. Covers the colonial period to the present and includes topics such as progressive nationalism, defensive sectionalism, reconstruction, the civil rights movement, and partisan realignment. Government 335N (Topic 7) and 335N (Topic: Texas and the New Southern Politics) may

course | unique | days | time | room | instructor

not both be counted. Prerequisite: Six semester hours of lower-division coursework in government.
• 38460 TTH 1230 - 200P BUR 224 ENELOW, J

GOV 339L RESEARCH METHODS IN GOVERNMENT
An introduction to research design, data collection and analysis, and the use of the computer and related equipment. Prerequisite: Six semester hours of lower-division coursework in government.
• 38465 TTH 1230 - 200P WAG 420 GREENE, K

GOV 341M DECISION THEORY
An introduction to the basic concepts and models using decision theory in political science, with particular emphasis on utility analysis, game theory, coalition formation, and voting behavior. Prerequisite: Six semester hours of lower-division coursework in government.
• 38470 TTH 330 - 500P CLA 1.106 ENELOW, J

GOV 347N GOV AND POLITICS OF SE ASIA
A survey of past and present governments and politics of the entire Southeast Asia region. Government 347N and 365L (Topic: Governments and Politics in Southeast Asia) may not both be counted. Prerequisite: Six semester hours of lower-division coursework in government.
• 38475 TTH 800 - 930 PAR 105 LIU, A

GOV 350K STATISTICAL ANLY IN POLIT SCI
Elementary statistical techniques and their applications to problems in political science. Prerequisite: Six semester hours of lower-division coursework in government.
• 38480 TTH 1100 - 1230P MEZ 1.208 JESSEE, S
• 38485 TTH 1230 - 200P MEZ 2.124 JESSEE, S
• 38490 TTH 200 - 330P PHR 2.114 LIN, T

GOV 351D THEOR FOUNDTNS MODERN POLITICS
Examines competing foundations of the ongoing development of political and social modernity. Examines a selection of major authors from Machiavelli to Nietzsche. Only one of the following may be counted: Core Texts and Ideas 321, 335 (Topic: The Theoretical Foundations of Modern Politics), Government 335M (Topic: The Theoretical Foundations of Modern Politics), 351D, Western Civilization 320 (Topic: The Theoretical Foundations of Modern Politics). Prerequisite: Completion of at least thirty semester hours of coursework. same as CTI 321.
• 38495 TTH 1230 - 200P UTC 3.134 STAUFFER, D

GOV 351J MIGHT AND RIGHT AMONG NATIONS
Major alternative approaches to the question of the moral character of international relations, as elaborated by some of the greatest political thinkers. Only one of the following may be counted: Core Texts and Ideas 323, 335 (Topic: Might and Right among Nations), Government 335M (Topic: Might and Right among Nations), 351J, Western Civilization 320 (Topic: Might and Right among Nations). Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. same as CTI 323.
• 38500 MWF 200 - 300P WAG 214 DEMPSEY, E

GOV 357L JUDICIAL PROCESS AND BEHAVIOR
Introduction to traditional and modern approaches to the study of the judicial process, with emphasis on the nature and origin of judicial decisions and the factors that affect judicial decision making. Prerequisite: Six semester hours of lower-division coursework in government.
• 38505 MWF 1000 - 1100 WAG 214 MCIVER, J

GOV 357M 4-CIVIL LIBERTIES
Course number may be repeated for credit when the topics vary. Intensive study of various aspects of law and the legal system. Prerequisite: Six semester hours of lower-division coursework in government.
• 38510 W 400 - 700P CLA 0.128 ABRAMSON, J

5-CONSTITUTIONAL INTERPRETATN
Course number may be repeated for credit when the topics vary. Intensive study of various aspects of law and the legal system. Designed to improve reasoning and communication skills through constitutional interpretation. Determining what the Constitution means, how to determine what it means, and who should determine what it means. Only one of the following may be counted: Core Texts and Ideas 326 (Topic: Constitutional Interpretation), 326 (Topic 1), Government 357M (Topic: Constitutional Interpretation), 357M (Topic 5). Prerequisite: Six semester hours of lower-division coursework in government. Prerequisite: Six semester hours of lower-division coursework in government. same as CTI 326 (TOPIC 1).
• 38515 TTH 330 - 500P UTC 1.102 PERRY, H

7-CONSTITUTNL STRUCT OF POWER
Course number may be repeated for credit when the topics vary. Intensive study of various aspects of law and the legal system. Examination of the power of federal and state governments, the emergencypower of the executive branch, and the authority of the Supreme Court. Prerequisite: Six semester hours of lower-division coursework in government.
• 38520 TTH 1100 - 1230P CBA 4.328 JACOBSOHN, G

10-LAW OF POLITICS
Course number may be repeated for credit when the topics vary. Intensive study of various aspects of law and the legal system. Study of current theoretical and philosophical issues at the intersection of law and politics. Government 357M (Topic: Law of Politics) and 357M (Topic 10) may not both be counted. Prerequisite: Six semester hours of lower-division coursework in government. Additional prerequisite: Six semester hours of lower-division coursework in government.
• 38522 MW 230 - 400P CLA 0.102 SAGER, A

GOV 358 INTRODUCTION TO PUBLIC POLICY
A survey of American public policy, with emphasis on modern problems and trends. Prerequisite: Six semester hours of lower-division coursework in government.
• 38525 TTH 200 - 330P UTC 3.112 EPP, D

GOV 360N GLOBALZATN/THE NATION STATE
Course number may be repeated for credit when the topics vary. Special studies stressing the theoretical aspects or the substantive policy problems of international politics. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government.
• 38530 TTH 930 - 1100 WAG 214 WANG, D

POL OF INTERNATIONAL TRADE
Course number may be repeated for credit when the topics vary. Special studies stressing the theoretical aspects or the substantive policy problems of international politics. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government.
• 38535 TTH 1100 - 1230P MEZ 1.120 JENSEN, N

3-INTERNATIONAL ORGANIZATION
Course number may be repeated for credit when the topics vary. Special studies stressing the theoretical aspects or the substantive policy problems of international politics. In-depth introduction to the theory and practice of international organizations. Government 360N (Topic: International Organizations) and 360N (Topic 3) may not both be counted. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government.
• 38540 TTH 200 - 330P SZB 370 MOSSER, M

11-INTERNATL POLITICAL ECONOMY
Course number may be repeated for credit when the topics vary. Special studies stressing the theoretical aspects or the substantive policy problems of international politics. Study of the changing relationship between political and economic power in international relations. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government.
• 38545 TTH 1230 - 200P WELLHAUSEN, R

12-INTERNATIONAL SECURITY
Course number may be repeated for credit when the topics vary. Special studies stressing the theoretical aspects or the substantive policy problems of international politics. Comprehensive survey of conventional security issues, including causes of war, ethnic conflict, and terrorism. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government.
• 38550 MW 1130 - 100P ART 1.110 MILLER, P

GOV 362L GOVERNMENT RESEARCH INTERNSHIP
Fieldwork in research and analysis on governmental and political problems. Only six semester hours of an internship course in government may be counted toward a major in government. Prerequisite: Six semester hours of lower-division coursework in government and consent of instructor.
• 38555 TTH 330 - 500P BAT 5.108 LANGO, H

GOVERNMENT RESEARCH INTERNSHIP
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Fieldwork in research and analysis on governmental and political problems. Only six semester hours of an internship course in government may be counted toward a major in government. Prerequisite: Six semester hours of lower-division coursework in government and consent of instructor.
• 38560

GOV 662L GOVERNMENT RSCH INTERNSHIP-D C
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Fieldwork in research and analysis on governmental and political problems. Only six semester hours of an internship course in government may be counted toward a major in government. Prerequisite: Six semester hours of lower-division coursework in government and consent of instructor. Restricted to students in the UT in DC Archer Fellowship Program. Taught in Washington, D.C.
• 38565

GOV 365L STATE BUILD IN CHINA/TAIWAN
Course number may be repeated for credit when the topics vary. Special studies of political behavior and institutions, problems, or developments in individual countries or in the region. Prerequisite: Six semester hours of lower-division coursework in government. meets with ANS 361.
• 38570 MW 230 - 400P LU, X

3-INTL RELS OF E/STHEAST ASIA
Course number may be repeated for credit when the topics vary. Special studies of political behavior and institutions, problems, or developments in individual countries or in the region. An introduction to the international relations of East and Southeast Asia, with particular attention to postwar economic and security issues,the changing political landscape of the post-Cold War period, and the development and functions of regional institutions. Prerequisite: Six semester hours of lower-division coursework in government. same as ANS 361 (TOPIC 23).
• 38575 TTH 1230 - 200P CLA 0.112 MACLACHLAN, P

GOV 365N ETHICS OF FOREIGN INTERVENTION
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. Prerequisite: Varies with the topic.
• 38580 TTH 1230 - 200P GAR 3.116 BROWNLEE, J

10-AUSTRALIAN SOCIETY & POLIT
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. Prerequisite: Varies with the topic. Prerequisite: Six semester hours of lower-division coursework in government.
• 38585 TTH 200 - 330P WAG 420 EVANS, R

15-SUICIDE TERRORISM
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. Studies the causes of suicide terrorism at elite, community, and rank-and-file levels. Only one of the following may be counted: Government 365N (Topic: Suicide Terrorism), 365N (Topic 15), Islamic Studies 372 (Topic: SuicideTerrorism), Middle Eastern Studies 341 (Topic: Suicide Terrorism). Prerequisite: Varies with the topic.
• 38590 TTH 800 - 930 MEZ 1.122 PEDAHZUR, A

17-ISS THIRD-WORLD DEVELOPMENT
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. Examines economic, sociological, and political frameworks for understanding some of the major constraints to and opportunities for advancement in developing societies. Government 365N (Topic: Issues in Third World Development) and 365N (Topic 17) may not both be counted. Prerequisite: Varies with the topic. meets with LAS 337M.
• 38595 TTH 1100 - 1230P WAG 201 ELKINS, Z

21-COMPR NOTIONS EUR SECURITY
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. Examines the conceptual and practical aspects of European comprehensive security via the institutions charged with implementing it: the EuropeanUnion (EU), the North Atlantic Treaty Organization (NATO), and the Organization for Security and Cooperation in Europe (OSCE). Only one of the following may be counted: European Studies 348 (Topic: Comprehensive Notions of European Security), 348 (Topic 4), Government 365N (Topic: Comprehensive Notions of European Security), 365N (Topic 21). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as EUS 348 (TOPIC 4).
• 38600 TTH 1100 - 1230P SZB 370 MOSSER, M

23-COMPARATIVE LEGAL SYSTEMS
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. Comparative study of the nature of courts and law, their position in political systems, and their potential impact on society. Government 365N (Topic: Comparative Legal Systems) and 365N (Topic 23) may not both be counted. Prerequisite: Varies with the topic.
• 38605 TTH 1100 - 1230P BRINKS, D

25-EUR UNION/REGIONAL INTG-FRA
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. Designed to provide a detailed introduction to the European Union, one of America's major economic and political partners and one of the major actors in contemporary international relations. Only one of the following may be counted: European Studies 348 (Topic: European Union and Regional Integration), 348 (Topic 5), Government 365N(Topic: European Union and Regional Integration), 365N (Topic 25). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. Semester Plus class meets dates arranged by Study Abroad Office. Taught in Paris, France. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates. same as EUS 348 (TOPIC 5).
• 38610 MOSSER, M

GOV 370K 2-LATINO POLITICS
Course number may be repeated for credit when the topics vary. An examination of the role of racial and ethnic minorities in politics and of the impact of politics on these minorities. Prerequisite: Six semester hours of lower-division coursework in government. same as LAS 337M (TOPIC 8), MAS 374 (TOPIC 15).
• 38615 TTH 500 - 630P WAG 101 LEAL, D

3-AFRICAN AMERICAN POLITICS
Course number may be repeated for credit when the topics vary. An examination of the role of racial and ethnic minorities in politics and of the impact of politics on these minorities. The evolution and role of African American politics within the American political system. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: African American Politics), 374D (Topic 13), Government 370K (Topic 3). Prerequisite: Six semester hours of lower-division coursework in government. same as AFR 374D (TOPIC 13).
• 38620 TTH 930 - 1100 UTC 3.132 PHILPOT, T

GOV 370L POLICY FORMATN/IMPLEMENTATN
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. Prerequisite: Six semester hours of lower-division coursework in government.
• 38625 TTH 200 - 330P CRAIG, A

PUBLIC OPINION/REPRESENTATION
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. Prerequisite: Six semester hours of lower-division coursework in government.
• 38630 TTH 1100 - 1230P WLEZIEN, C

1-ELECTION CAMPAIGNS
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. Prerequisite: Six semester hours of lower-division coursework in government.
• 38635 MW 230 - 400P UTC 4.120 LUSKIN, R

10-CONGRESS AND THE PRESIDENCY
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. Prerequisite: Six semester hours of lower-division coursework in government.
• 38640 MWF 1100 - 1200 UTC 4.110 PRINDLE, D

11-URBAN POLITICS
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. Prerequisite: Six semester hours of lower-division coursework in government. same as URB 350 (TOPIC 1).
• 38645 MWF 200 - 300P MEZ B0.306 O'BRIEN, S

12-CONGRESSIONAL ELECTIONS
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. Examination of congressional campaigns and election outcomes from both historical and contemporary perspectives. Prerequisite: Six semester hours of lower-division coursework in government.
• 38650 TTH 200 - 330P FAC 21 THERIAULT, S

16-POLITICAL PSYCHOLOGY
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. Study of the role of psychological theories in understanding politics and forming political views. Prerequisite: Six semester hours of lower-division coursework in government.
• 38655 TTH 1230 - 200P ALBERTSON, B

17-MONEY IN US POLITICS-HONORS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. Study of the nature and consequences of campaign finance on American politics. Government 370L (Topic 17) and 379S (Topic: Money in Politics--Honors) may not both be counted. Prerequisite: Six semester hours of lower-division coursework in government. Topic description: Intensive lecture course treating topics from a variety of disciplinary perspectives, by instructors from various departments. Lectures, readings, discussions, examinations. Explores the nature and consequences of money in American politics. Restricted to Plan I majors in the College of Liberal Arts. meets with LAH 350 (TOPIC 14), HMN 350.
• 38660 W 330 - 630P CBA 4.340 ROBERTS, B

23-THE POLITICS OF HEALTH CARE
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the study of American government and politics. The role of political institutions and the public in the development of the American health care system. Government 370L (Topic: The Politics of Health Care) and 370L (Topic 23) may not both be counted. Prerequisite: Six semester hours of lower-division coursework in government.
• 38665 MW 100 - 230P UTC 3.124 MCDANIEL, E

GOV 370M RESEARCH ON THE US CONGRESS
Restricted enrollment; contact the department for permission to register for this class. Independent research on lawmaking in the modern United States Congress. Prerequisite: Six semester hours of lower-division coursework in government.
• 38670 TTH 500 - 630P GSB 2.126 JONES, B

GOV 370P POLICY-MAKING PROCESS-DC
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Focus on the role of Congress and the President in the policy-making process. Government 370L (Topic: Policy-Making Process) and 370P may not both be counted. Prerequisite: Upper-division standing. Restricted to students in the UT in DC Archer Fellowship Program. Taught in Washington, D.C.
• 38675

GOV 374N POLITICAL INTERNSHIP
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Students perform research and related activities for an entity directly related to government and politics. Written reports required. Only six semester hours of an internship course in government may be counted toward a major in government. Prerequisite: Twelve semester hours of coursework in government. Partially taught online during scheduled time. Includes live-streaming video andrequires real-time participation. Go tohttp://www.laits.utexas.edu/tower/online/courses/ for additional information andto test you r computer and internet connectivity.
• 38680 TH 500 - 630P HENSON, J

GOV 679HA HONORS TUTORIAL COURSE
Restricted enrollment; contact the department for permission to register for this class. Lectures and supervised individual research and the writing of a substantial paper on a special topic in the field of government. No grade is awarded until the student has completed the two-semester sequence. Prerequisite: For 679HA, upper-division standing, admission to the Government Honors Program, and written consent of the Government Honors Program adviser; for 679HB, Government 679HA.
• 38685 W 300 - 600P MEZ 1.202 ALBERTSON, B

GOV 379S HOMER AND PLATO-HONORS
Course number may be repeated for credit when the topics vary. Substantive focus varies each semester. Topics include but are not limited to constitutional interpretation, political thought, the evolution of American politics, and comparative politics. Prerequisite: Completion of thirty semester hours of coursework, including at least six hours of government. meets with LAH 350.
• 38690 TTH 930 - 1100 PAR 302 PANGLE, L

course	unique	days	time	room	instructor

REFUGEES AND FORCED MIGRATION
Course number may be repeated for credit when the topics vary. Substantive focus varies each semester. Topics include but are not limited to constitutional interpretation, political thought, the evolution of American politics, and comparative politics. Prerequisite: Completion of thirty semester hours of coursework, including at least six hours of government. meets with LAH 350.
• 38695 T 330 - 630P CBA 4.340 NEWBERG, P

2-POLITICS IN FICTION
Course number may be repeated for credit when the topics vary. Substantive focus varies each semester. Topics include but are not limited to constitutional interpretation, political thought, the evolution of American politics, and comparative politics. Examination of perspectives on American politics and government through works of fiction. Only one of the following may be counted: Government 379S (Topic: Politics in Fiction), 379S (Topic 2), Liberal Arts Honors 350 (Topic: Politics in Fiction). Prerequisite: Completion of thirty semester hours of coursework, including at least six hours of government. meets with LAH 350.
• 38700 MW 330 - 500P BAT 1.104 SPARROW, B

3-REGIME PERSP: AMER POLITICS
Course number may be repeated for credit when the topics vary. Substantive focus varies each semester. Topics include but are not limited to constitutional interpretation, political thought, the evolution of American politics, and comparative politics. Seminar on American politics and culture which examines how the parts ofAmerica fit together to become a whole polity. Only one of the following may be counted: Core Texts and Ideas 326 (Topic: Regime Perspectives on America Politics), 335 (Topic: Regime Perspectives on America Politics), Government 379S (Topic: Regime Perspectives on American Politics), 379S (Topic 3), Liberal Arts Honors 350 (Topic: Regime Perspectives on America Politics). Prerequisite: Completion of thirty semester hours of coursework, including at least six hours of government. meets with LAH 350, CTI 335.
• 38705 M 330 - 630P TULIS, J

GOV 381L 3-MONEY IN U.S. POLITICS
Course number may be repeated for credit when the topics vary. Explores the role, nature, and consequences of money in American politics. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser. meets with P A 388K.
• 38710 M 930 - 1230P BAT 1.104 ROBERTS, B

7-THE AMERICAN PRESIDENCY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38712 M 330 - 630P CBA 4.336 TULIS, J

GOV 382K STUDIES IN POLIT THRY & PHILOS
Intensive study of selected classical and contemporary theorists and source materials related to political theory and philosophy. Field core course. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38715 TH 700 - 1000P BAT 1.104 GREGG, B

GOV 382M PLATONIC POLITICAL PHILOSOPHY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38720 W 630 - 930P GAR 1.134 STAUFFER, D

POLITICAL PROPHECY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38725 M 630 - 930P BAT 5.102 VIROLI, M

GOV 384M GOV RESEARCH AND POLICY AGENDA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38730 T 1230 - 330P BAT 5.102 JONES, B

GOV 384N COMPARATIVE JUDICIAL POLITICS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser. meets with LAW 397S.
• 38735 T 330 - 630P BAT 1.104 BRINKS, D

GOV 385L ADVANCED STATISTICAL ANALYSIS
Course number may be repeated for credit when the topics vary. Intensive examination of selected issues in the methodology of political inquiry. Prerequisite: Graduate standing and consent of the graduate adviser. meets with SDS 385 (TOPIC 14).
• 38740 TTH 500 - 630P MEZ 1.210 LIN, T

RSCH METH/QUAL ANLY IN SOC SCI
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive examination of selected issues in the methodology of political inquiry. Prerequisite: Graduate standing and consent of the graduate adviser.
• 38742 TTH 330 - 630P BAT 5.102 GERRING, J

SIMULTANEOUS EQUATION MODELS
Course number may be repeated for credit when the topics vary. Intensive examination of selected issues in the methodology of political inquiry. Prerequisite: Graduate standing and consent of the graduate adviser.
• 38745 M 630 - 930P LUSKIN, R

GOV 385R FORMAL POLITICAL ANALYSIS II
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 38750 M 930 - 1230P GAR 2.124 WOLFORD, M

GOV 388K STUDY OF INTERNATL RELATIONS
Comparison of various theories of international politics and analysis of basic forces that underlie national policies and condition the nature and concerns of contemporary international relations. Discussion, reading, and research. Field core course. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38755 W 930 - 1230P BAT 5.102 MCDONALD, P

GOV 388L 3-INTERNATIONAL SECURITY
Course number may be repeated for credit when the topics vary. Study of the political determinants and the substantive issues of national security policy with particular emphasis upon the United States. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38760 M 1230 - 330P BAT 5.102 WOLFORD, M

GOV 390K COMPAR STUDY OF POL SYSTEMS
Theory and method of comparative political study; varieties of governmental institutions in Western and non-Western countries; comparative examination of political institutions. Field core course. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38765 M 330 - 630P BAT 5.102 WEYLAND, K

GOV 390L COMPARATIVE ETHNIC POLITICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38770 T 1230 - 330P BAT 1.104 LIU, A

MODERN MONARCHY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser. meets with LAS 384L, MES 384 (TOPIC 10).
• 38775 M 330 - 630P BARANY, Z

MODERN MONARCHY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38777 M 330 - 630P PAR 214 BARANY, Z

THE POLITICS OF CAPITAL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser. meets with MES 384.
• 38780 W 900 - 1200 BAT 1.104 BROWNLEE, J

GOV 391J STATISTICAL ANLY IN POL SCI I
An introductory course covering estimation theory and hypothesis testing for statistical models in political science and the basic probability theory needed for statistical theory. Prerequisite: Graduate standing and consent of the graduate adviser.
• 38785 M 930 - 1230P BAT 5.102 SOMER-TOPCU, Z
• 38790 TTH 930 - 1100 JESSEE, S

GOV 391K SCOPE AND METHODS IN POLIT SCI
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38795 T 930 - 1230P GAR 3.116 FINDLEY, M

GOV 397K CONF CRS IN POLITICAL SCIENCE
Hour(s) to be arranged. May be repeated for credit. Readings in the literature of political science in fields in which the student is preparing for the qualifying examinations for the Doctor of Philosophy. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38800

GOV 697K CONF CRS IN POLITICAL SCIENCE
Hour(s) to be arranged. May be repeated for credit. Readings in the literature of political science in fields in which the student is preparing for the qualifying examinations for the Doctor of Philosophy. Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser.
• 38805

GOV 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in government, twelve semesterhours of upper-division or

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graduate coursework in government, six of which must be in the field of the thesis subject, and consent of the graduate adviser; for 698B, Government 698A.
• 38810

GOV 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in government, twelve semesterhours of upper-division or graduate coursework in government, six of which must be in the field of the thesis subject, and consent of the graduate adviser; for 698B, Government 698A.
• 38815

GOV 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in government and consent of the graduate adviser.
• 38820

GOV 398T SUPV TEACHING IN GOVERNMENT
Teaching under the close supervision of the course instructor; group meetings with the instructor, individual consultations, and reports throughout the teaching period. Prerequisite: Graduate standing, appointment as a teaching assistant, and consent of the graduate adviser.
• 38825 T 930 - 1230P BAT 1.104 HUNTER, W

GOV 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 38830

GOV 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 38835

GOV 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 38840

GOV 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Government 399R, 699R, or 999R.
• 38845

GOV 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Government 399R, 699R, or 999R.
• 38850

GOV 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Government 399R, 699R, or 999R.
• 38855

DEPARTMENT OF HISTORY

History - HIS

HIS 301F THE PREMODERN WORLD
Survey of world history from human origins to the sixteenth century. History 301F and 306N (Topic: Premodern World) may not both be counted. meets with AHC 310.
• 38910 MWF 1100 - 1200 UTC 3.112 TALBOT, C

HIS 302C INTRODUCTION TO CHINA
Introduction to Chinese civilization, past and present, including religion, literature, arts, philosophy, and history. Only one of the following may be counted: Asian Studies 302C, History 302C, 306N (Topic: Introduction to China). same as ANS 302C.
• 38915 MWF 1100 - 1200 BUR 136 LAI, C

HIS 306K MID EAST: REL/CUL/HIST FND
A survey of the history and civilization of the Middle East from the sixth to the fourteenth century. Only one of the following may be counted: History 306K, Middle Eastern Studies 301K, Religious Studies 314 (Topic: Intro M East: Rel/Cul/Hist Fnd), 314K. same as MES 301K, R S 314K.
• 38920 TTH 200 - 330P GEA 105 AGBARIA, A

HIS 306N LATIN AMERICA AND THE US
Course number may be repeated for credit when the topics vary. meets with LAS 310.
• 38925 TTH 1100 - 1230P GAR 2.112 FRENS-STRING, J

3-KEY IDEAS & ISS IN LAT AMER
Course number may be repeated for credit when the topics vary. Broad introductory course to acquaint students with the main areas of interest in Latin American studies. same as LAS 301.
• 38930 MW 930 - 1100 PAR 203 DIETZ, H

4-RUS/E EUR/EURASIAN STD: HIST
Course number may be repeated for credit when the topics vary. History 306N (Topic 4) and Russian, East European, and Eurasian Studies 301 may not both be counted. meets with REE 301.
• 38935 TTH 1230 - 200P BUR 136 PETROV, P

10-JEWISH CIV: BEGIN TO 1492
Course number may be repeated for credit when the topics vary. Introduction to the history, culture, and religion of the Jewish people from around 1000 BC to the end of the medieval period. Subjects may include ancient Israel, late Second Temple sectarianism, the rise of Christianity, rabbinic Judaism, medieval Jewish philosophy, Jewish mysticism, and Hebrew poetry. Only one of the following may be counted: History 306N (Topic: Jewish Civilization I), 306N (Topic 10), Jewish Studies 304M, 311 (Topic: Jewish Civilization I), Middle Eastern Studies 310 (Topic: Jewish Civilization: Beginnings to 1492), 310 (Topic 6), Religious Studies 313 (Topic: Jewish Civilization I), 313M. same as J S 304M, MES 310 (TOPIC 6), R S 313M.
• 38940 TTH 930 - 1100 PAR 304 SCHOFER, J

12-INTRO MODERN NORTH AFRICA
Course number may be repeated for credit when the topics vary. Introduction to the major themes of North African history from the sixteenth century to the present. History 306N (Topic: Introduction to Modern North Africa) and 306N (Topic 12) may not both be counted.
• 38945 MWF 200 - 300P GAR 1.126 BROWER, B

14-MAGIC AND POWER IN PRAGUE
Course number may be repeated for credit when the topics vary. Examines historical texts from four different magical traditions to find the truth behind the fiction and the historical events that sometimes permitted and sometimes persecuted the religions, philosophies, and sciences that some call magic. Only one of the following may be counted: Czech 301K (Topic: Magic and Power in Prague: The Struggle for Power), 301K (Topic 2), History 306N (Topic: Magic and Power in Prague: The Struggle for Power), 306N (Topic 14), Religious Studies 306 (Topic: Magic and Power in Prague: The Struggle for Power), Russian, East European, and Eurasian Studies 302 (Topic: Magic and Power in Prague: The Struggle of Power), 302 (Topic 2). same as REE 302 (TOPIC 2). also meets with R S 306.
• 38950 MWF 900 - 1000 GEA 127 ROBERTS, J

HIS 310M FILM/HIST LAT AM: COLONIAL
Introduction to selected subjects in Latin American history and culture through film, readings, documentaries, class discussion, and lectures. Only one of the following may be counted: History 306N (Topic: Film History in Latin America: Colonial), 310M, Latin American Studies 310 (Topic: Film History in Latin America: Colonial), Latin American Studies 310 (Topic 5). same as LAS 310 (TOPIC 5).
• 38960 M 300 - 600P BUR 116 TWINAM, A

HIS 311K INTRO TO TRADITIONAL AFRICA
Introductory, interdisciplinary course on the peoples and cultures of Africa. same as AFR 310L. also meets with AHC 310.
• 38965 TTH 1100 - 1230P UTC 3.112 FALOLA, O

HIS 314K HISTORY OF MEXICAN AMERS IN US
Examines the origin and growth of the Mexican American community in the United States. History 314K and Mexican American Studies 316 may not both be counted. same as MAS 316.
• 38970 TTH 930 - 1100 CAL 100 ZAMORA, E

HIS 315G INTRO TO AMERICAN STUDIES
Designed to accommodate 100 or more students. An interdisciplinary introduction to the historical exploration of American culture. American Studies 310 and History 315G may not both be counted. same as AMS 310.
• 38975 TTH 930 - 1100 ART 1.102 CORDOVA, C
• 38980 MWF 1000 - 1100 GAR 0.102

HIS 315K THE UNITED STATES, 1492-1865
Survey of United States history from the colonial period through the Civil War. Partially taught as a Web-based course.
• 38985 TTH 1100 - 1230P SAC 1.402 MINTZ, S

THE UNITED STATES, 1492-1865
Designed to accommodate 100 or more students. Survey of United States history from the colonial period through the Civil War.
• 38990 TTH 930 - 1100 WCH 1.120 OLWELL, R
• 38995 MWF 1000 - 1100 UTC 2.112A BRANDS, H

HIS 315L THE UNITED STATES SINCE 1865
Survey of United States history since the Civil War.
• 39000 MWF 1100 - 1200 WCH 1.120 STOFF, M
• 39005 MWF 100 - 200P UTC 2.102A SEAHOLM, M

THE UNITED STATES SINCE 1865
Designed to accommodate 100 or more students. Survey of United States history since the Civil War. Partially taught as a Web-based course.
• 39010 TTH 800 - 930 SAC 1.402 MINTZ, S

THE UNITED STATES SINCE 1865
Designed to accommodate 100 or more students. Survey of United States history since the Civil War.
• 39015 MWF 200 - 300P UTC 2.102A SEAHOLM, M

HIS 317L 1-COLONIAL AMERICA
Course number may be repeated for credit when the topics vary.
• 39020 T 500 - 800P GAR 3.116 TULLY, W

3-INTRO TO AFRICAN AMER HIST
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: African and African Diaspora Studies 317 (Topic: Introduction to African American History), 317D (Topic 1), History 317L (Topic 3). same as AFR 317D (TOPIC 1).
• 39025 TTH 1230 - 200P UTC 3.132 FARMER, A

April 3, 2018

course	unique	days	time	room	instructor

4-INTRO TO ASIAN AMERICAN HIST
Course number may be repeated for credit when the topics vary. Introduces students to the national and transnational histories of AsianAmericans in the United States. Explores a wide range of themes related to the Asian American experience. Asian American Studies 312 and History 317L (Topic 4) may not both be counted. same as AAS 312.

• 39030	TTH	200 - 330P	BUR 216	HSU, M

7-THE UNITED STATES AND AFRICA
Course number may be repeated for credit when the topics vary. History of political, economic, and cultural relations between the United States and Africa from the early origins of the slave trade to the present. Only one of the following may be counted: African and African Diaspora Studies 317 (Topic: United States and Africa), 317C (Topic 1), History 317L (Topic 7). same as AFR 317C (TOPIC 1).

• 39035	TTH	1230 - 200P	UTC 3.112	FALOLA, O

9-THE BLACK POWER MOVEMENT
Course number may be repeated for credit when the topics vary. Examines the major organizations, key figures, and ideologies of the Black Power movement from the late 1960s and early 1970s. Only one of the following may be counted: African and African Diaspora Studies 317D (Topic: Black Power Movement), 317D (Topic 3), History 317L(Topic: Black Power Movement), 317L (Topic 9). same as AFR 317D (TOPIC 3).

• 39040	TTH	1100 - 1230P	UTC 2.112A	MOORE, L

15-EST AMERICA, 1565-1815
Course number may be repeated for credit when the topics vary. Introduction to the foundations of American History. History 317L (Topic: Establishing America, 1565-1815) and 317L (Topic 15) may not both be counted.

• 39045	MW	400 - 530P	JGB 2.216	TULLY, W

HIS 318W THINKING LIKE A HISTORIAN
To understand history as an academic discipline in terms of research methods, evidence, and analysis. Only one of the following may be counted: History 317N (Topic: Thinking Like a Historian), 317N (Topic 2), 318W. Prerequisite: Nine semester hours of coursework in history.

• 39050	TTH	930 - 1100	GAR 2.128	HARDWICK, J

HIS 319D ANCIENT MEDITERRANEAN WORLD
Survey of the ancient Mediterranean from ca. 3000 BC to AD 476. Focus onthe development of ideas and institutions in the Greek and Roman worlds and on the active cultural exchange among the diverse civilizations of the broader region that shaped Greek and Roman history and cultural identity. same as AHC 319 (TOPIC 1), C C 319D.

• 39055	MW	1100 - 1200	WAG 214	PERLMAN, P
	F	1000 - 1100	PAR 310	
• 39060	MW	1100 - 1200	WAG 214	PERLMAN, P
	TH	1100 - 1200	WAG 112	
• 39065	MW	1100 - 1200	WAG 214	PERLMAN, P
	F	1100 - 1200	PAR 305	
• 39070	MW	1100 - 1200	WAG 214	PERLMAN, P
	TH	100 - 200P	CAL 200	

HIS 320R TEXAS, 1914 TO THE PRESENT
The steady dissociation of Texas from its Old South status to a transitional state and a power in national politics. Three semester hours of Texas history may be substituted for half of thelegislative requirement for American history. Prerequisite: Upper-division standing. same as MAS 374 (TOPIC 16), URB 353 (TOPIC 2).

• 39075	TTH	1230 - 200P	ART 1.120	ZAMORA, E

HIS 321M HIST OF ROME: THE REPUBLIC
A survey of Roman history from the founding of Rome to the death of Julius Caesar. Ancient History and Classical Civilization 325 (Topic 1) and History 321M may not both be counted. Prerequisite: Upper-division standing. same as AHC 325 (TOPIC 1). also meets with CTI 375.

• 39080	MW	1000 - 1100	WAG 201	RIGGSBY, A
	TH	1000 - 1100	CAL 221	
• 39085	MW	1000 - 1100	WAG 201	RIGGSBY, A
	F	1000 - 1100	GAR 1.134	
• 39090	MW	1000 - 1100	WAG 201	RIGGSBY, A
	TH	1200 - 100P	CAL 200	
• 39095	MW	1000 - 1100	WAG 201	RIGGSBY, A
	F	1200 - 100P	CAL 200	

HIS 322D SCIENTIF REVOLUTN OF 17TH CEN
The history of science and its place in society from the mid-sixteenth century to the time of Isaac Newton. Prerequisite: Upper-division standing.

• 39100	MWF	1100 - 1200	CLA 0.102	HUNT, B

HIS 322G HIST OF MODERN LIFE SCIENCES
History of the life sciences from the eighteenth century to the present. Prerequisite: Upper-division standing.

• 39105	MWF	1100 - 1200	CLA 0.112	RABY, M

HIS 322S HIST OF GENETICS/EUGENICS
The history of genetics and eugenic practices in the twentieth century. Prerequisite: Upper-division standing.

• 39110	MW	400 - 530P	CLA 0.102	LEVINE, P

HIS 329U PERSPECTIVES ON SCIENCE & MATH
An examination of five notable episodes in the history of science: Galileo's conflict with the Catholic Church, Isaac Newton's formulation of the laws of motion, Charles Darwin's proposal of the theory of evolution by natural selection, the development of the atomic bomb, and the discovery of the double helix structure of DNA. Only one of the following may be counted: History 329U, 366N (Topic: Perspectives on Science and Mathematics), Philosophy 329U. Prerequisite: Upper-division standing. Restricted to students in the UTeach program.

• 39115	MWF	1100 - 1200	PAI 4.18	
	M	1200 - 100P	PAI 4.18	

PERSPECTIVES ON SCIENCE & MATH
Designed to accommodate 35 or fewer students. An examination of five notable episodes in the history of science: Galileo's conflict with the Catholic Church, Isaac Newton's formulation of the laws of motion, Charles Darwin's proposal of the theory of evolution by natural selection, the development of the atomic bomb, and the discovery of the double helix structure of DNA. Only one of the following may be counted: History 329U, 366N (Topic: Perspectives on Science and Mathematics), Philosophy 329U. Prerequisite: Upper-division standing. Restricted to students in the UTeach program.

• 39120	MWF	300 - 400P	PAI 4.08	
	M	400 - 500P	PAI 4.08	

HIS 334E MODERN EGYPT: A HISTORY
Critically examines the social, political, and intellectual dynamics that shaped the different forms of political community, economic organization, and public culture over the past century. Covers colonialism, liberalism, Arab socialism, authoritarian capitalism, and Islamic republicanism. Only one of the following may be counted: History 334E, History 364G (Topic: Modern Egypt: A History), Islamic Studies 372 (Topic: Modern Egypt: A History), 373 (Topic 5), Middle Eastern Studies 343 (Topic 1). Prerequisite: Upper-division standing. same as ISL 373 (TOPIC 5), MES 343 (TOPIC 1).

• 39125	TTH	200 - 330P	BUR 212	DI-CAPUA, Y

HIS 334J HIST OF BRIT RESTORATN-1783
Surveys the political, social, economic, and intellectual history of England and Great Britain from the restoration of the Stuart monarchy in1660 to the conclusion of the War for American Independence in 1783. Only one of the following may be counted: European Studies 346 (Topic: History of Britain from the Restoration to 1783), 346 (Topic 26), History 334J. Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 26).

• 39130	TTH	1230 - 200P	ART 1.110	VAUGHN, J

HIS 334L AMER REV/FND OF US, 1763-1800
The Revolutionary transformation of America between 1763 and 1800. Prerequisite: Upper-division standing.

• 39135	MW	400 - 530P	JGB 2.218	ICENHAUER-RAMIREZ

HIS 337N GERMANY IN THE 20TH CEN-HONORS
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Survey of German political and military institutions, economic development, culture, and society. History 337N and Russian, East European, and Eurasian Studies 335 (Topic 11) may not both be counted. Prerequisite: Upper-division standing. Restricted to students in the Plan I Honors Program. same as REE 335 (TOPIC 11). also meets with LAH 350.

• 39140	TTH	330 - 500P	MEZ 2.124	CREW, D

HIS 343L HISTORY OF RUSSIA TO 1917
Survey of Russian history from seventeenth-century Muscovy to the fall of the Romanovs in 1917. Prerequisite: Upper-division standing. same as REE 335 (TOPIC 5).

• 39145	MWF	1100 - 1200	JGB 2.218	NEUBERGER, J

HIS 343M HISTORY OF RUSSIA SINCE 1917
A survey of Russian history from the revolution of 1917 to the collapse of the Soviet Union. Prerequisite: Upper-division standing. same as REE 335 (TOPIC 6).

• 39147	MWF	200 - 300P	BUR 108	WYNN, C

HIS 344G 12TH-CENTURY RENAIS: 1050-1200
An examination of social, cultural, and intellectual developments in eleventh- and twelfth-century Europe. History 344G and 362K (Topic: Twelfth-Century Renaissance: 1050-1200) may not both be counted. Prerequisite: Upper-division standing. meets with AHC 330, EUS 346.

• 39150	MW	1000 - 1130	CBA 4.344	NEWMAN, M

HIS 345L AMER CIV WAR/RECONSTR, 1861-77
Lecture and discussion course on the Civil War and Reconstruction period. Prerequisite: Upper-division standing.

• 39155	TTH	330 - 500P	JGB 2.218	ICENHAUER-RAMIREZ

HIS 346J COLONIAL LAT AMER THRU OBJS
Examines objects, such as paintings, reliquaries, monstrances, and churches from colonial Latin America in order to understand colonial culture. Includes critical reading of original texts. Only one of the following may be counted: History 346J, 363K (Topic: Colonial Latin America through Objects), Latin American Studies 366 (Topic 20). Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 20).

• 39160	TTH	1230 - 200P	GAR 1.126	CANIZARES, J

HIS 346L MODERN LATIN AMERICA
Continuation of History 346K and Latin American Studies 366 (Topic 2). Only one of the following may be counted: African and African Diaspora Studies 374E (Topic: Modern Latin America), 374E (Topic 5), History 310L, 346L, Latin American Studies 310 (Topic 2: Latin American Civilization: The National Experience), 366 (Topic 3). Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 3).

• 39165	MWF	1000 - 1100	ART 1.120	DEL CASTILLO, L

HIS 346N INDIAN SUBCONTINENT, 1750-1950
Examines the cultural and political movements and events that led to formation of the two nation-states India and Pakistan. Asian Studies 346N and History 346N may not both be counted. Prerequisite: Upper-division standing. same as ANS 346N.

• 39170	TTH	1100 - 1230P	GDC 4.304	CHATTERJEE, I

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HIS 346R REVOLUTN IN MODERN LAT AMER
Comparison of the Mexican and Cuban revolutions and of their challenges to inter-American relations. Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 13). also meets with LAS 366.
• 39175 TTH 330 - 500P GAR 1.126 FRENS-STRING, J

HIS 350L AFRICA/INDIAN OCEAN WORLD
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. History 350L and 350R may not both be counted unless the topics vary. Prerequisite: Upper-division standing.
• 39177 T 330 - 630P MEZ 2.122 FALOLA, O

HIST OF MONEY/CORRUPTION
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. History 350L and 350R may not both be counted unless the topics vary. Prerequisite: Upper-division standing.
• 39180 T 330 - 630P WAG 308 MARTINEZ, A

MACHIAVELLI-HONORS
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. History 350L and 350R may not both be counted unless the topics vary. Prerequisite: Upper-division standing. Restricted to students in the Plan I Honors Program. meets with LAH 350, EUS 346, AHC 330, CTI 375.
• 39185 TTH 930 - 1100 GAR 0.132 FRAZIER, A

MEDICINE IN AFRICAN HISTORY
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. History 350L and 350R may not both be counted unless the topics vary. Prerequisite: Upper-division standing.
• 39190 MW 100 - 230P BUR 128 OSSEO-ASARE, A

URBAN SLAVERY IN THE AMERICAS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. History 350L and 350R may not both be counted unless the topics vary. Prerequisite: Upper-division standing.
• 39192 TH 330 - 630P GAR 3.116 CANIZARES, J

63-ELECTRIFICATION
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. An examination of how electrical technologies have changed the workings of the world and the lives of ordinary people over the past 175 years. History 350L and 350R may not both be counted unless the topics vary. History 350L (Topic: Electrification) and 350L (Topic 63) may not both be counted. Prerequisite: Upper-division standing.
• 39195 MW 100 - 230P GAR 1.134 HUNT, B

64-EINSTEIN IN AGE OF CONFLICT
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. Following the life and work of Albert Einstein, course examines the rise of the theories of relativity and quantum mechanics upon the stage of international political upheaval. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: Core Texts and Ideas 370 (Topic: Einstein in the Age of Conflicts), History 350L (Topic: Einstein in the Age of Conflicts), 350L (Topic: 64). Prerequisite: Upper-division standing. same as CTI 371.
• 39200 TTH 200 - 330P PAR 103 MARTINEZ, A

70-HISTORCL IMAGES AFR IN FILM
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Historical Imagining of Africa in Film), 374F (Topic 18), History 350L (Topic: Historical Imagining of Africa in Film), 350L (Topic 70), Women's and Gender Studies 340 (Topic: Historical Imagining of Africa in Film), 340 (Topic 40). Prerequisite: Upper-division standing. same as AFR 374F (TOPIC 18), WGS 340 (TOPIC 40).
• 39205 T 330 - 630P

81-ENLIGHTENMENT/REVOLUTION
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. Examines the relationship between the intellectual project of the Enlightenment and the political and social transformations that unfoldedin western Europe and North America from the beginnings of the Dutch Revolt in the 1560s to the decade following the Paris Commune of 1871. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: Core Texts and Ideas 375 (Topic: Enlightenment and Revolution), 375 (Topic 3), European Studies 346 (Topic: Enlightenment and Revolution), 346 (Topic 14), History 350L (Topic: Enlightenment and Revolution), 350L (Topic 81). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as CTI 375 (TOPIC 3), EUS 346 (TOPIC 14).
• 39210 TH 500 - 800P GAR 1.134 VAUGHN, J

85-COLD WAR IN FIVE CONTINENTS
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. Examination of the Cold War and the ensuing conflicts around the world (1945-1990). History 350L and 350R may not both be counted unless the topics vary. History 350L (Topic: The Cold War in Five Continents) and 350L (Topic 85) may not both be counted. Prerequisite: Upper-division standing.
• 39215 TTH 1230 - 200P CLA 0.118 BROWN, J

86-LATIN AMER IN THE 19TH-CEN
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. Questions the geographical category of Latin America by examining the kinds of trends and forces of the nineteenth century that contributed toits conceptual emergence and to its growing political, economic, and cultural significance on the global stage. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: History 350L (Topic: Latin America in the Nineteenth Century), 350L (Topic 86), Latin American Studies 366 (Topic: Latin America in the Nineteenth Century), 366 (Topic32). Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 32).
• 39220 MW 230 - 400P MEZ 1.122 DEL CASTILLO, L

94-WOMEN/WEALTH IN SOUTH ASIA
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. Addresses the questions surrounding poverty of South Asian women by combining legal, political and social histories of the subcontinent overfour centuries. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: Asian Studies 372 (Topic: Women and Wealth in South Asia), 372 (Topic 47), History 350L (Topic: Women and Wealth in South Asia), 350L (Topic 94), Women's and Gender Studies 340 (Topic: Women and Wealth in South Asia), 340 (Topic 68). Prerequisite: Upper-division standing. same as ANS 372 (TOPIC 47), WGS 340 (TOPIC 68).
• 39225 T 330 - 630P GAR 2.128 CHATTERJEE, I

HIS 350R 1-COASTAL COMMUN IN EARLY AMER
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of United States history. History 350L and 350R may not both be counted unless the topics vary. Prerequisite: Upper-division standing and six semester hours of coursework in history. meets with AMS 370.
• 39230 TTH 200 - 330P BEN 1.124 KAMIL, N

12-HIST BLACK ENTREPREN IN US
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of United States history. History 350L and 350R may not both be counted unless the topics vary. African and African Diaspora Studies 374D (Topic 2) and History 350R (Topic 12) may not both be counted. Prerequisite: Upper-division standing and six semester hours of coursework in history. same as AFR 374D (TOPIC 2). also meets with AMS 370.
• 39235 TTH 200 - 330P GAR 2.128 WALKER, J

17-BLACK WOMEN IN AMERICA
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of United States history. Uses primary sources, historical monographs, and essays to provide a chronological and thematic overview of the experiences of black women inAmerica from their African roots to the circumstances they face in the present era. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Black Women in America), 374D (Topic 9), History 350L (Topic: Black Women in America), 350R (Topic 17), Women's and Gender Studies 340 (Topic: Black Women in America), 340 (Topic 9). Prerequisite: Upper-division standing and six semester hours of coursework in history. same as AFR 374D (TOPIC 9), WGS 340 (TOPIC 9). also meets with AMS 321.
• 39240 MW 1000 - 1130 GAR 1.126 BERRY, D

18-WOMEN IN SICKNESS & HEALTH
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of United States history. Explores medical and biological views throughout the nineteenth and twentieth centuries of women and women's health, the social context of those views, the development of medical practices, and the treatment of illness and debility. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: History 350L (Topic: Women in Sickness and Health), 350R (Topic 18), Women's and Gender Studies 345 (Topic 3). Prerequisite: Upper-division standing and six semester hours of coursework in history. Additional prerequisite: Six semester hours of coursework in history. same as WGS 345 (TOPIC 3).
• 39245 TTH 330 - 500P PAR 206 SEAHOLM, M

22-HISTORY OF ISLAM IN THE US
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of United States history. A brief introduction to Islam. Defines the role of Islam and views of Muslims in the early history of the United States, and introduces students to major issues concerning contemporary American Muslims. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: History 350R (Topic: History of Islam in the United States), 350R (Topic 22), Islamic Studies 372 (Topic: History of Islam in the United States), 372 (Topic 21), Religious Studies 346 (Topic: History of Islam in the United States), 346 (Topic 10). Prerequisite: Upper-division standing and six semester hours of coursework in history. same as ISL 372 (TOPIC 21), R S 346 (TOPIC 10).
• 39250 W 300 - 600P SPELLBERG, D

25-RACE/CITIZENSHIP IN US HIST
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of United States history. Uses primary and secondary sources to analyze how race and citizenship have functioned for populations of color in the United States. History 350L and 350R may not both be

counted unless the topics vary. Only one of the following may be counted: American Studies 370 (Topic: Race and Citizenship in United States History), 370 (Topic 48), History 350R (Topic: Race and Citizenship in United States History), 350R (Topic25), Mexican American Studies 374 (Topic: Race and Citizenship in UnitedStates History), 374 (Topic 35). Prerequisite: Upper-division standing and six semester hours of coursework in history. same as AMS 370 (TOPIC 48), MAS 374 (TOPIC 35).
• 39255 M 300 - 600P

35-CVL RTS MVMT FRM COMP PERSP
Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of United States history. Focuses on African American and Mexican American struggles for civil rights. Asian American and Native American movements will also be addressed. Using a comparative approach the student will consider the distinctiveness of each of these struggles while also viewing them in relation to each other. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: American Studies 370 (Topic: Civil Rts Mov from Comp Persp), African and African Diaspora Studies 374D (Topic: Civil Rts Mov from Comp Persp), 374D (Topic 18), History 350R (Topic: Civil Rts Mov from Comp Persp), 350R (Topic 35). Prerequisite: Upper-division standing and six semester hours of coursework in history. same as AFR 374D (TOPIC 18). also meets with AMS 370.
• 39260 W 300 - 600P JES A209A GREEN, L

HIS 352L MEXICAN REVOLUTION, 1910-20
An analytical examination of the initial decade of the Mexican Revolution, the first of the twentieth-century nationalist social revolutions; examines through lectures and discussion the historical antecedents and the political, economic, social, and intellectual elements of the upheaval. Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 8).
• 39265 TTH 930 - 1100 BUTLER, M

HIS 354E ARCHAIC/CLASSICAL GREECE
Survey of Greek history from the emergence of the city-states to the rise of Macedonia. Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic 4), 325 (Topic 7), Classical Civilizations 354C,Core Texts and Ideas 375 (Topic: Archaic and Classical Greece), 375 (Topic 7), History 354C, 354E. Prerequisite: Upper-division standing. same as AHC 325 (TOPIC 7), CTI 375 (TOPIC 7).
• 39270 MW 1100 - 1200 WAG 201
F 1000 - 1100 CAL 21
• 39275 MW 1100 - 1200 WAG 201
TH 1100 - 1200 PAR 210
• 39280 MW 1100 - 1200 WAG 201
F 1100 - 1200 CAL 21

HIS 355N MAIN CURR OF AMER CUL TO 1865
Traces the development of American culture and society from the colonialera until the end of the Civil War. Major themes include racial conflict, religion, slavery, the development of democracy, and cultural reform. Prerequisite: Upper-division standing. same as AMS 355.
• 39285 TTH 1100 - 1230P BUR 220 MEIKLE, J

HIS 355P UNITED STATES SINCE 1941
A history of political, economic, diplomatic, social, and cultural developments in the United States since the nation's entry into World War II. Prerequisite: Upper-division standing.
• 39290 TTH 1230 - 200P MEZ B0.306 LAWRENCE, M

HIS 356K MAIN CURR AMER CUL SINCE 1865
Traces the development of American culture and society from the end of the Civil War to the present. Major themes include racial conflict, pluralism, religion, urban development and reform, modernism, government centralization, cultural radicalism, and the rebirth of conservatism. Prerequisite: Upper-division standing. same as AMS 356.
• 39295 TTH 200 - 330P BUR 208

HIS 357C AFRICAN AMERICAN HIST TO 1860
Review of West African origins; New World settlement patterns, social life, and culture; discussion of the Atlantic slave trade, the development of capitalism and plantation slavery, and the origins of racism. Only one of the following may be counted: African and African Diaspora Studies 357C, American Studies 321 (Topic: African American History to 1860), 321E, History 357C. Prerequisite: Upper-division standing. same as AFR 357C, AMS 321E.
• 39300 TTH 1100 - 1230P GAR 1.126 WALKER, J

HIS 358Q SUPERVISED RESEARCH
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Upper-division standing.
• 39305

HIS 362G MARX AND WESTERN MARXISM
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with PHL 334K, EUS 346, CTI 335.
• 39310 M 300 - 600P GAR 0.132 MATYSIK, T

POWER/BELIEF:EARLY MOD EUR-HON
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Restricted to Plan I Honors students in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with LAH 350 (TOPIC 7).
• 39315 TTH 200 - 330P CLA 2.606 BODIAN, M

3-INTRO TO THE HOLOCAUST
Course number may be repeated for credit when the topics vary. Examines the mass killing of Jews and other victims in the context of Nazi Germany's quest for race and space during World War II. Only one of the following may be counted: European Studies 346 (Topic: Introduction to the Holocaust), 346 (Topic 17), History 362G (Topic: Introduction to the Holocaust), 362G (Topic 3), Jewish Studies 364 (Topic: Introduction to the Holocaust), 364 (Topic 6), Middle Eastern Studies 325 (Topic: Introduction to the Holocaust), Russian, East European, and Eurasian Studies 335 (Topic: Introduction to the Holocaust), 335 (Topic 17). Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 17), J S 364 (TOPIC 6), REE 335 (TOPIC 17).
• 39320 TTH 500 - 630P JGB 2.216 LICHTENSTEIN, T

HIS 363K LATIN AMERICA IN THE SIXTIES
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with LAS 366.
• 39325 MWF 1000 - 1100 SRH 1.320 ZAZUETA, M

PUERTO RICO IN CRISIS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with MAS 374, AFR 374E, AMS 370.
• 39330 TTH 330 - 500P PAR 304 JIMENEZ, M

SEXUALITY/GENDER IN LATIN AMER
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with LAS 366.
• 39335 MWF 900 - 1000 SRH 1.320 ZAZUETA, M

3-REL/CONQ/CONV COL LAT AMER
Course number may be repeated for credit when the topics vary. Focuses on the histories of the Catholic Church and religious devotion in colonial Latin America between 1521 and 1821. Only one of the following may be counted: History 363K (Topic: Religion, Conquest, and Conversion in Colonial Latin America), 363K (Topic 3), Latin American Studies 366 (Topic: Religion, Conquest, and Conversion in Colonial Latin America), 366 (Topic 29), Religious Studies 368 (Topic: Religion, Conquest, and Conversion in Colonial Latin America), 368 (Topic 4). Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 29), R S 368 (TOPIC 4).
• 39340 TH 330 - 630P

HIS 364G 9-HISTORIES AFRICAN LIBERATN
Course number may be repeated for credit when the topics vary. Examination of important figures, movements, strategies, and factors that contributed to decolonization on the African continent. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: Histories of African Liberation), 372G (Topic 20), History 364G (Topic: Histories of African Liberation), 364G (Topic: 9). Prerequisite: Upper-division standing. same as AFR 372G (TOPIC 20).
• 39345 MW 100 - 230P GAR 2.112 CHERY, T

HIS 365G 8-WOMEN AND SOCL MVMNTS IN US
Course number may be repeated for credit when the topics vary. Examines women's participation in well-known and lesser-known social movements during the twentieth century. Only one of the following may be counted: African and African Diaspora Studies 372C (Topic: Women and Socl Mvmnts in US), 372C (Topic 7), American Studies 321 (Topic: Women/Social Movements in US), 321 (Topic 10), History 365G (Topic: Women/Social Movements in US), 365G (Topic 8),Women's and Gender Studies 340 (Topic: Women/Socl Movements in the US, 340 (Topic 53). Prerequisite: Upper-division standing. same as AFR 372C (TOPIC 7), AMS 321 (TOPIC 10), WGS 340 (TOPIC 53).
• 39350 TTH 1230 - 200P UTC 4.122 GREEN, L

14-SOUTH ASIAN MIGRATION TO US
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Examines the South Asian diaspora in the United States. Only one of the following may be counted: Asian American Studies 325 (Topic: South Asian Migration to the United States), Asian American Studies 325 (Topic 9), Asian Studies 372 (Topic: South Asian Migration to the United States), Asian Studies (Topic 43), History 365G (Topic: South Asian Migration to the United States), History 365G (Topic 14), Women and Gender Studies 340 (Topic: South Asian Migration to the United States), Women and Gender Studies 340 (Topic 35). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as AAS 325 (TOPIC 9), ANS 372 (TOPIC 43), WGS 340 (TOPIC 35).
• 39352 MWF 1000 - 1100 BUR 134 BHALODIA, A

HIS 366N 17-BRITISH HIST/LIT/POLIT
Course number may be repeated for credit when the topics vary. Reading course in history, literature, and politics, and as a class in professional writing. Examines not only the literature, history, and politics of England, Wales, Scotland, and Ireland, but also the interaction of British and other societies throughout the world. Only one of the following may be counted: History 366N (Topic: British History, Literature and Politics), 366N (Topic 17), Liberal Arts Honors 350 (Topic: British History, Literature and Politics), Tutorial Course 325 (Topic: British History, Literature and Politics). Prerequisite: Upper-division standing. Additional prerequisite: A grade point average of at last 3.50. meets with LAH 350, T C 325.
• 39355 F 300 - 630P HRC 3.204 LOUIS, W

18-GLOBAL HISTORY OF DISEASE
Course number may be repeated for credit when the topics vary. Introduction to major themes in the history of medicine through the lensof disease. To be considered are the roles governments, medical practitioners, and patients play in the social construction of disease and health. Only one of the following may be counted: African and African Diaspora Studies 372D (Topic: Global History of Disease), History 366N (Topic: Global History of Disease), 366N (Topic 18). Prerequisite: Upper-division standing.
• 39360 MW 1000 - 1130 GAR 2.112 OSSEO-ASARE, A

April 3, 2018

course unique days time room instructor

HIS 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. An individual instruction course to provide training in the methods and teaching of historical research and writing. May not be included in the thirty semester hours of coursework required for the major. Prerequisite: For 679HA, upper-division standing and admission to the History Honors Program; for 679HB, History 679HA.
• 39365

HIS 380L EUROPEAN IMPERIALISM: BRIT EMP
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with P A 388K.
• 39370 TH 500 - 800P GAR 2.124 LOUIS, W

POST COLONIAL EUROPE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39375 W 900 - 1200 GAR 1.122 BROWER, B

HIS 381 INTRODUCTION TO ENVIRONMENTAL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAS 386.
• 39380 M 300 - 600P GAR 1.122 RABY, M

STRAT/DECISN-MAKG IN GLOB POL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with P A 388K, REE 387.
• 39385 T 900 - 1200 SRH 3.122 SURI, J

HIS 381J CULTURAL DEFEATS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39390 T 930 - 1230P GAR 1.122 DI-CAPUA, Y

HIS 382N CONTEMPORARY CHINESE HISTORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; some topics also require consent of instructor. meets with ANS 381.
• 39395 TH 330 - 630P GAR 1.122 LI, H

EARLY MODERN INDIA & INDIAN OC
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; some topics also require consent of instructor.
• 39400 W 300 - 600P GAR 1.122 TALBOT, C

HIS 383 SOVIET UNION: WWII-COLLAPSE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with REE 387.
• 39405 F 900 - 1200 GAR 1.122 WYNN, C

HIS 383J SMNR RUS/E EUR/EURASN CIV/CUL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with REE 381.
• 39410 W 300 - 600P CMA 3.108 NEUBURGER, M

HIS 386K IMPERIAL FORMATIONS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, reading knowledge of Spanish or Portuguese, and consent of the graduate adviser. meets with LAS 386.
• 39415 M 1200 - 300P GAR 1.122 DEANS-SMITH, S

THE INTER-AMERICAN COLD WAR
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, reading knowledge of Spanish or Portuguese, and consent of the graduate adviser. meets with LAS 386.
• 39420 T 330 - 630P GAR 1.134 BROWN, J

HIS 386L LATIN AMERICAN COLONIAL HIST
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, reading knowledge of Spanish or Portuguese, and consent of the graduate adviser; some topics also require consent of instructor. meets with LAS 386.
• 39425 W 300 - 600P TWINAM, A

MEXICO: REFORM TO REVOLUTION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, reading knowledge of Spanish or Portuguese, and consent of the graduate adviser; some topics also require consent of instructor. meets with LAS 386.
• 39430 TH 1230 - 330P BUTLER, M

HIS 387M MAKING THE EARLY MODERN WORLD
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39435 TH 1230 - 330P GAR 1.122 HARDWICK, J

HIS 389 RESEARCH: EARLY AMERICA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39440 T 330 - 630P GAR 1.122 OLWELL, R

THE BLACK POWER MOVEMENT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with P A 388K.
• 39445 TH 930 - 1230P GAR 1.122 JOSEPH, P

HIS 391C CONFERENCE COURSE
Hour(s) to be arranged. May be repeated for credit. Designed to expand the graduate student's opportunity for individual consultation. Prerequisite: Graduate standing and written consent of instructor; consent forms are available in the departmental graduate advising office.
• 39450

HIS 392 BLACK WOMEN'S INTELLECTUAL HIS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; some topics also require consent of instructor.
• 39455 T 330 - 630P BEN 1.106 FARMER, A

RACE AND MIGRATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; some topics also require consent of instructor. meets with AAS 381.
• 39460 W 900 - 1200 GAR 2.124 HSU, M

SOUTHWESTERN BORDERS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; some topics also require consent of instructor.
• 39465 T 1230 - 330P GAR 1.122 BUENGER, W

HIS 393L QUALIFYING EXAMINATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Preparation for qualifying examinations. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39470

HIS 394H INTRO TO HISTORICAL INQUIRY
Introduction to a variety of theoretical, methodological, or historiographical approaches to the past. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39475 M 900 - 1200 GAR 4.100 COFFIN, J

HIS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in history and consent of the graduate adviser; for 698B, History 698A.
• 39480

HIS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in history and consent of the graduate adviser; for 698B, History 698A.
• 39485

HIS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in history and consent of the graduate adviser.
• 39490

HIS 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39495

HIS 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39500

HIS 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39505

HIS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: History 399R, 699R, or 999R.
• 39510

HIS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: History 399R, 699R, or 999R.
• 39515

HIS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: History 399R, 699R, or 999R.
• 39520

SCHUSTERMAN CENTER FOR JEWISH STUDIES

Jewish Studies - J S

J S 304M JEWISH CIV: BEGIN TO 1492
Introduction to the history, culture, and religion of the Jewish people from around 1000 BC to the end of the medieval period. Subjects may include ancient Israel, late Second Temple sectarianism, the rise of Christianity, rabbinic Judaism, medieval Jewish philosophy, Jewish mysticism, and Hebrew poetry. Only one of the following may be counted: History 306N (Topic: Jewish Civilization I), 306N (Topic 10), Jewish Studies 304M, 311 (Topic: Jewish Civilization I), Middle Eastern Studies 310 (Topic: Jewish Civilization: Beginnings to 1492), 310 (Topic 6), Religious Studies 313 (Topic: Jewish Civilization I), 313M. same as HIS 306N (TOPIC 10), MES 310 (TOPIC 6), R S 313M.
• 39575 TTH 930 - 1100 PAR 304 SCHOFER, J

April 3, 2018

course	unique	days	time	room	instructor

J S 311 JEWISH STUDIES: AN INTRODUCTIO
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 39580 MWF 1200 - 100P MEZ 2.124 WEINREB, A

J S 363 BEFORE THE BIBLE
Course number may be repeated for credit when the topics vary. Jewish Studies 361 and 363 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with MES 342, MEL 321, R S 365.
• 39585 MWF 100 - 200P WEINBENDER, J

CONFLICT LIT/MEDIA MID EAST
Course number may be repeated for credit when the topics vary. Jewish Studies 361 and 363 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with MEL 321, C L 323, MES 342.
• 39590 MWF 1200 - 100P PAR 206 GREEN, R

IMAGINING GENOCIDE-HONORS
Course number may be repeated for credit when the topics vary. Jewish Studies 361 and 363 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. Restricted to Plan I honors students in the College of Liberal Arts. Prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with LAH 350.
• 39595 TTH 330 - 500P CLA 0.124 ABZUG, R

JEWISH FOLKLORE
Course number may be repeated for credit when the topics vary. Jewish Studies 361 and 363 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with R S 357, GSD 360, ANT 325L, REE 325.
• 39600 TTH 1230 - 200P GDC 5.304 GOTTESMAN, Y

J S 364 UT JEWS IN THE CIVIL RIGHTS ER
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ANT 325L.
• 39605 TTH 1230 - 200P SAC 4.120 SERIFF, S

6-INTRO TO THE HOLOCAUST
Course number may be repeated for credit when the topics vary. Examines the mass killing of Jews and other victims in the context of Nazi Germany's quest for race and space during World War II. Only one of the following may be counted: European Studies 346 (Topic: Introduction to the Holocaust), 346 (Topic 17), History 362G (Topic: Introduction to the Holocaust), 362G (Topic 3), Jewish Studies 364 (Topic: Introduction to the Holocaust), 364 (Topic 6), Middle Eastern Studies 325 (Topic: Introduction to the Holocaust), Russian, East European, and Eurasian Studies 335 (Topic: Introduction to the Holocaust), 335 (Topic 17). Prerequisite: Varies with the topic. same as EUS 346 (TOPIC 17), HIS 362G (TOPIC 3), REE 335 (TOPIC 17).
• 39610 TTH 500 - 630P JGB 2.216 LICHTENSTEIN, T

J S 365 SPATIALIZING CULTURE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 39615 MWF 100 - 200P MEZ 2.122 WEINREB, A

14-HOLOCAUST AFTEREFFECTS
Course number may be repeated for credit when the topics vary. Explores the historical, political, psychological, theological, and cultural fallout of the Holocaust, as well as literary and cinematic responses in Europe and the United States. Only one of the following may be counted: Comparative Literature 323 (Topic: Holocaust Aftereffects), 323 (Topic 40), European Studies 346 (Topic: Holocaust Aftereffects), 346 (Topic 23), German, Scandinavian, and Dutch Studies 360 (Topic 1), Germanic Civilization 323E (Topic: Holocaust Aftereffects), Jewish Studies 365 (Topic: Holocaust Aftereffects), 365 (Topic 14), Liberal Arts Honors 350 (Topic: Holocaust Aftereffects), Religious Studies 357 (Topic: Holocaust Aftereffects), 357 (Topic 18), Women's and Gender Studies 340 (Topic: Holocaust Aftereffects), 340 (Topic 66). Prerequisite: Varies with the topic. same as C L 323 (TOPIC 40), EUS 346 (TOPIC 23), GSD 360 (TOPIC 1), R S 357 (TOPIC 18), WGS 340 (TOPIC 66). also meets with LAH 350.
• 39620 TTH 930 - 1100 BUR 234 BOS, P

TERESA LOZANO LONG INSTITUTE OF LATIN AMERICAN STUDIES

Indigenous Languages of Latin America - LAL
Latin American Studies - LAS

LAS 301 KEY IDEAS & ISS IN LAT AMER
Broad introductory course to acquaint students with the main areas of interest in Latin American studies. same as HIS 306N (TOPIC 3).
• 39675 MW 930 - 1100 PAR 203 DIETZ, H

LAS 310 AFRO-BRAZILIAN DIASPORA
Course number may be repeated for credit when the topics vary. Topics that serve as an introduction to Latin America within the framework of different disciplines. meets with AFR 317E, C L 305.
• 39680 MWF 100 - 200P PAR 204 AFOLABI, O

DRUG HISTORY IN THE AMERICAS
Course number may be repeated for credit when the topics vary. Topics that serve as an introduction to Latin America within the framework of different disciplines. meets with MAS 319, AMS 315.
• 39685 TTH 330 - 500P WAG 201 ALVAREZ, C

LATIN AMERICA AND THE US
Course number may be repeated for credit when the topics vary. Topics that serve as an introduction to Latin America within the framework of different disciplines. meets with HIS 306N.
• 39690 TTH 1100 - 1230P GAR 2.112 FRENS-STRING, J

5-FILM/HIST LAT AM: COLONIAL
Course number may be repeated for credit when the topics vary. Topics that serve as an introduction to Latin America within the framework of different disciplines. Introduction to selected subjects in Latin American history and culture through film, readings, documentaries, class discussion, and lectures. Only one of the following may be counted: History 306N (Topic: Film History in Latin America: Colonial), 310M, Latin American Studies 310 (Topic: Film History in Latin America: Colonial), Latin American Studies 310 (Topic 5). same as HIS 310M.
• 39695 M 300 - 600P BUR 116 TWINAM, A

LAS 315 2-INTRO MESOAMERICAN ARCHAEOL
Course number may be repeated for credit when the topics vary. Introduction to ancient Mesoamerica from the time of emerging social inequality in the formative period until the Spanish conquest of Mexico-Tenochtitlan in the sixteenth century. Latin American Studies 310 and 315 may not both be counted unless the topics vary. Only one of the following may be counted: Anthropology 310L (Topic 1: Introduction to Mesoamerican Archaeology), 314C, Latin American Studies 310 (Topic 3: Introduction to Mesoamerican Archaeology), 315 (Topic 2). Prerequisite: Varies with the topic. same as ANT 314C.
• 39700 TTH 330 - 500P SAC 4.174 RODRIGUEZ, E

LAS 322 DOCUMENTARY TRADIT OF LAT AMER
Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Latin American Studies 322 and 330 may not both be counted unless the topics vary; Latin American Studies 322 and 370P may not both be counted unless the topics vary; Latin American Studies 322 and 370S may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with J 395 (TOPIC 4), J 340J, LAS 381 (TOPIC 22).
• 39705 T 330 - 630P CMA 4.146 DE CESARE, D

REPORTING LATIN AMERICA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Latin American Studies 322 and 330 may not both be counted unless the topics vary; Latin American Studies 322 and 370P may not both be counted unless the topics vary; Latin American Studies 322 and 370S may not both be counted unless the topics vary. Prerequisite: Varies with the topic. Topic description: Foreign reporting and international news production processes, with special emphasis on Latin America. Additional prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each. meets with J 347F, J 395 (TOPIC 38).
• 39710 MW 900 - 1030 CMA 4.146 ALVES, R

LAS 324L CULTURES IN CONTACT
Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Varies with the topic. meets with ANT 326L.
• 39715 TTH 1100 - 1230P CLA 0.112 COVEY, R

DAILY LIFE IN MESOAMERICA
Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Varies with the topic. meets with ANT 324L.
• 39720 TTH 200 - 330P CLA 0.112 RODRIGUEZ, E

GLOBALIZATION IN LATIN AMER
Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Varies with the topic. meets with ANT 324L.
• 39725 MW 1000 - 1130 SAC 4.118 CANOVA, P

MEXICAN AMER INDIG HERITAGE
Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Varies with the topic. meets with ANT 322M (TOPIC 10), MAS 374 (TOPIC 23).
• 39730 TTH 930 - 1100 CLA 0.112 MENCHACA, M

LAS 325 1-SOCIETY OF MODERN MEXICO
Course number may be repeated for credit when the topics vary. Family, community, industrialization, and urbanization in modern Mexico. Prerequisite: Varies with the topic. same as SOC 335, URB 354 (TOPIC 2). also meets with GRG 356T.
• 39735 TTH 200 - 330P CLA 1.104 WARD, P

5-CONSUMPTION IN LATIN AMER
Course number may be repeated for credit when the topics vary. Study of the role consumption plays in social, economic, and political relations in Latin America, as well as contesting ideas about this role. Only one of the following may be counted: Latin American Studies 325 (Topic: Consumption in Latin America), Latin American Studies 325 (Topic 5), Sociology 321C, Sociology 321K (Topic: Consumption in Latin America). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as SOC 321C.
• 39740 TTH 930 - 1100 SRH 1.320 FRIDMAN, D

April 3, 2018

course	unique	days	time	room	instructor

LAS 326 — 1-MUSIC OF MEXICO & CARIBBEAN

Course number may be repeated for credit when the topics vary. Introduction to the history of Mexican and Caribbean traditional and commercial music, with some discussion of classical music as well. Attention will be given to music of indigenous, African, European, and mixed origin. Mexico and the Spanish-speaking Caribbean receive special attention. Class meetings will be divided into lecture/discussion segments, videos, listening, and performance instruction/demonstration. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Music of Mexico and the Caribbean), 374F (Topic 22), Latin American Studies 322 (Topic: Music of Mexico and the Caribbean), 326 (Topic 1), Music 334 (Topic 1). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as AFR 374F (TOPIC 22), MUS 334 (TOPIC 1). also meets with MUS 380.

course	unique	days	time	room	instructor
• 39745		TTH	1100 - 1230P	MRH 2.634	MOORE, R
		M	500 - 600P	MRH 4.126	
• 39750		TTH	1100 - 1230P	MRH 2.634	MOORE, R
		W	500 - 600P	MRH 4.126	

LAS 327 — OTHER MODERNITIES LAT AMER ART

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

course	unique	days	time	room	instructor
• 39755		MWF	200 - 300P	DFA 2.204	NELSON, A

6-ART/ARCHAEOL OF ANC PERU

Course number may be repeated for credit when the topics vary. The growth of civilization in South America from the earliest decorated textiles, pottery, and ceremonial buildings to the imperial Inca style. Art History 347K and Latin American Studies 327 (Topic 6) may not both be counted. Prerequisite: Varies with the topic. same as ARH 347K. also meets with ANT 324L.

course	unique	days	time	room	instructor
• 39760		MWF	1000 - 1100	DFA 2.204	RUNGGALDIER, A

LAS 328 — LATINO CARIB CULT/DIASP IN US

Course number may be repeated for credit when the topics vary. Latin American Studies 322 and 328 may not both be counted unless the topics vary. Latin American Studies 328 and 370P may not both be countedunless the topics vary. Latin American Studies 328 and 370S may not both be counted unless the topics vary. Prerequisite: Varies with topic. meets with C L 323, SPC 320C.

course	unique	days	time	room	instructor
• 39765		TTH	1230 - 200P	MEZ 1.118	SALGADO, C

MEX ARCH: PRE-COLUMB-CONTEMP

Course number may be repeated for credit when the topics vary. Latin American Studies 322 and 328 may not both be counted unless the topics vary. Latin American Studies 328 and 370P may not both be countedunless the topics vary. Latin American Studies 328 and 370S may not both be counted unless the topics vary. Prerequisite: Varies with topic. Additional prerequisite: Upper-division standing. Topic description: A survey of Mexican architecture and urbanism from its origins in pre-Columbian times to the twenty-first century. Evaluation of architecture as a cultural production intricately connected to its artistic and historical context and the landscape that supports it. meets with ARC 342C, ARC 395C.

course	unique	days	time	room	instructor
• 39770		TTH	930 - 1100	GOL 3.120	MIRO, J

LAS 330 — GLOBAL FOOD, FARMING, & HUNGER

Course number may be repeated for credit when the topics vary. Latin American Studies 322 and 330 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with GRG 344K.

course	unique	days	time	room	instructor
• 39775		TTH	1230 - 200P	CLA 1.102	TORRES, R

WATER RES: LAT AMER/CARIBBEAN

Course number may be repeated for credit when the topics vary. Latin American Studies 322 and 330 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with GRG 356.

course	unique	days	time	room	instructor
• 39780		TTH	1100 - 1230P	SRH 1.320	RAMOS, C

2-LANDSCPS OF MEX & CARIB AMER

Course number may be repeated for credit when the topics vary. The natural regions and cultural landscapes of Mexico, Central America, and the West Indies. Latin American Studies 322 and 330 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as GRG 341K.

course	unique	days	time	room	instructor
• 39785		MWF	1100 - 1200	CLA 0.128	DOOLITTLE, W

LAS 337M — ISS IN THIRD-WORLD DEVELOPMENT

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Varies with the topic. meets with GOV 365N (TOPIC 17).

course	unique	days	time	room	instructor
• 39790		TTH	1100 - 1230P	WAG 201	ELKINS, Z

5-INTRO TO LAT AMER GOV & POL

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. An introductory survey of Latin American political systems: governmental organization, political processes, and current problems. Prerequisite: Varies with the topic. Prerequisite: Six semester hours of lower-division coursework in government. same as GOV 328L.

course	unique	days	time	room	instructor
• 39795		TTH	330 - 500P	MEZ B0.306	MADRID, R

LAS 366 — LATIN AMERICA IN THE SIXTIES

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Upper-division standing. meets with HIS 363K.

course	unique	days	time	room	instructor
• 39800		MWF	1000 - 1100	SRH 1.320	ZAZUETA, M

REVOLUTION IN MODERN LAT AMER

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Upper-division standing. meets with HIS 346R.

course	unique	days	time	room	instructor
• 39805		TTH	330 - 500P	GAR 1.126	FRENS-STRING, J

SEXUALITY/GENDER IN LATIN AMER

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Upper-division standing. meets with HIS 363K.

course	unique	days	time	room	instructor
• 39810		MWF	900 - 1000	SRH 1.320	ZAZUETA, M

3-MODERN LATIN AMERICA

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Continuation of History 346K and Latin American Studies 366 (Topic 2). Only one of the following may be counted: African and African Diaspora Studies 374E (Topic: Modern Latin America), 374E (Topic 5), History 310L, 346L, Latin American Studies 310 (Topic 2: Latin American Civilization: The National Experience), 366 (Topic 3). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as HIS 346L.

course	unique	days	time	room	instructor
• 39815		MWF	1000 - 1100	ART 1.120	DEL CASTILLO, L

8-MEXICAN REVOLUTION, 1910-20

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. An analytical examination of the initial decade of the Mexican Revolution, the first of the twentieth-century nationalist social revolutions; examines through lectures and discussion the historical antecedents and the political, economic, social, and intellectual elements of the upheaval. Prerequisite: Upper-division standing. Prerequisite: Upper-division standing. same as HIS 352L.

course	unique	days	time	room	instructor
• 39820		TTH	930 - 1100		BUTLER, M

20-COLONIAL LAT AMER THRU OBJS

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Examines objects, such as paintings, reliquaries, monstrances, and churches from colonial Latin America in order to understand colonial culture. Includes critical reading of original texts. Only one of the following may be counted: History 346J, 363K (Topic: Colonial Latin America through Objects), Latin American Studies 366 (Topic 20). Prerequisite: Upper-division standing. Prerequisite: Upper-division standing. same as HIS 346J.

course	unique	days	time	room	instructor
• 39825		TTH	1230 - 200P	GAR 1.126	CANIZARES, J

32-LATIN AMER IN THE 19TH-CEN

Course number may be repeated for credit when the topics vary. Topics vary each semester to allow curriculum flexibility for faculty members and visiting scholars. Questions the geographical category of Latin America by examining the kinds of trends and forces of the nineteenth century that contributed toits conceptual emergence and to its growing political, economic, and cultural significance on the global stage. Only one of the following may be counted: History 350L (Topic: Latin America in the Nineteenth Century), 350L (Topic 86), Latin American Studies 366 (Topic: Latin America in the Nineteenth Century), 366 (Topic 32). Prerequisite: Upper-division standing. same as HIS 350L (TOPIC 86).

course	unique	days	time	room	instructor
• 39830		MW	230 - 400P	MEZ 1.122	DEL CASTILLO, L

LAS 370P — 2-INTRO TO LIT & CUL

Course number may be repeated for credit when the topics vary. Taught in Portuguese. Overview of Luso-Brazilian literatures and cultures, including the arts and popular expressions from a multidisciplinary perspective. Among the regions studied are Brazil, Portugal, and related areas in Africa. Latin American Studies 322 and 370P may not both be counted unless the topics vary. Prerequisite: Portuguese 611D, 611S, 612, 312L, or 516; additional prerequisites vary with the topic. Additional prerequisite: Portuguese 611D, 611S, 612, 312L, or 516. same as POR 328C.

course	unique	days	time	room	instructor
• 39835		TTH	930 - 1100	MEZ 1.212	RONCADOR, S

LAS 370S — HIP HOP CULTURE IN LAT AMER

Course number may be repeated for credit when the topics vary. Taught in Spanish. Latin American Studies 322 and 370S may not both be counted unless the topics vary. Prerequisite: Spanish 611D, 612, or 312L; additional prerequisites vary with the topic. meets with SPN 355.

course	unique	days	time	room	instructor
• 39840		TTH	1100 - 1230P	BEN 1.124	DOMINGUEZ-RUVALCAB

INDIGENOUS RESURGENCE

Course number may be repeated for credit when the topics vary. Taught in Spanish. Latin American Studies 322 and 370S may not both be counted unless the topics vary. Prerequisite: Spanish 611D, 612, or 312L; additional prerequisites vary with the topic. meets with SPN 356.

course	unique	days	time	room	instructor
• 39845		TTH	930 - 1100	BEN 1.108	CARCAMO-HUECHANTE

27-INTRO TO LITERATURES/CULS

Course number may be repeated for credit when the topics vary. Taught in Spanish. Overview of Iberian and/or Latin American literatures and cultures, including the arts and popular expressions, from a multidisciplinary perspective. Among the regions studied are Spain; North, Central, and South America; the Caribbean; and related areas in Africa. Latin American Studies 322 and 370S may not both be counted unless the topics vary. Only one of the following may be counted: Latin American Studies 370S (Topic 27), Spanish 328, 328C. Only one of the following may be counted: Latin American Studies 370S (Topic 3), 370S (Topic 27), Spanish 322K, 328C. Prerequisite: Spanish 611D, 612, or 312L; additional prerequisites vary with the topic. Additional prerequisite: Spanish 611D, 612, or 312L. same as SPN 328C.

course	unique	days	time	room	instructor
• 39850		TTH	930 - 1100	MEZ 1.216	LINDSTROM, N

course	unique	days	time	room	instructor
	• 39855	MWF	1000 - 1100	MEZ 1.202	SUTHERLAND-MEIER
	• 39860	MWF	1200 - 100P	MEZ 1.216	SUTHERLAND-MEIER
	• 39865	TTH	200 - 330P	BEN 1.108	PEREZ, J

LAS 379 CONF CRS IN LATIN AMER STUDIES
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Latin American studies. Prerequisite: Upper-division standing and consent of instructor and the undergraduate adviser in Latin American studies.
• 39870

LAS 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. For honors candidates in Latin American studies. Prerequisite: For Latin American Studies 679HA, Latin American Studies 359H, admission to the Latin American Studies Honors Program, and written consent of the Latin American Studies Honors Program adviser; for 679HB, Latin American Studies 679HA.
• 39875

LAS 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. For honors candidates in Latin American studies. Prerequisite: For Latin American Studies 679HA, Latin American Studies 359H, admission to the Latin American Studies Honors Program, and written consent of the Latin American Studies Honors Program adviser; for 679HB, Latin American Studies 679HA.
• 39880

LAS 381 DOMINICAN REP PLANNING STUDIO
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Consent of instructor. meets with CRP 395C.

• 39885	T	500 - 800P	WMB 3.116	SLETTO, B

GEND IN STUDY OF LAT AM LIT
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with WGS 393.

• 39890	TTH	1230 - 200P	BEN 1.118	LINDSTROM, N

HUMAN RIGHTS IN LATIN AMERICA
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 39895	TTH	215 - 330P	JON 6.206	DULITZKY, A

LATIN AMERICAN MEDIA
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with RTF 387F.

• 39900	TH	930 - 1230P	CMA 6.146	STRAUBHAAR, J

NGO'S IN DEVELOPING WORLD
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with SOC 396L (TOPIC 15), P A 388K, S W 395K.

• 39905	M	300 - 600P	CLA 3.106	ANGEL, R

QUALITATIVE METHS FOR SOCL SCI
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Public Affairs 397. meets with SOC 387L, P A 397C.

• 39910	T	900 - 1200	SRH 3.124	WARD, P

1-INTERNATIONAL MIGRATION
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. May be counted toward either the demography specialization or the race and ethnicity specialization in the sociology degree program. Prerequisite: Graduate standing; additional prerequisites vary with the topic. same as SOC 389K (TOPIC 4). also meets with MAS 392.

• 39915	W	300 - 600P	BUR 214	RODRIGUEZ, N

22-DOCUMENTARY TRAD IN LAT AM
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Study of still photographic and video documentary work by Latin Americans about Latin America. Production of photographic essays on Latin American culture. Journalism 395 (Topic 4) and Latin American Studies 381 (Topic 22) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. same as J 395 (TOPIC 4). also meets with J 340J, LAS 322.

• 39920	T	330 - 630P	CMA 4.146	DE CESARE, D

LAS 382 CONF CRS IN LATIN AMER STUDIES
Hour(s) to be arranged. May be repeated for credit. Individual study to be arranged with a faculty member. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 39925

LAS 384 PROSMNR: CURR ISS IN LAT AMER
Restricted enrollment; contact the department for permission to register for this class. Latin American Studies 381 (Topic: Proseminar: Latin America in the Twentieth Century) and 384 may not both be counted. Prerequisite: Graduate standing in Latin American studies.

• 39930	M	1200 - 300P	SRH 1.313	SMITH, C

LAS 384L MILITARY IN POLITICS
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with GOV 390L, MES 384 (TOPIC 10).

• 39935	M	330 - 630P		BARANY, Z

LAS 386 IMPERIAL FORMATIONS
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with HIS 386K.

• 39940	M	1200 - 300P	GAR 1.122	DEANS-SMITH, S

INTRODUCTION TO ENVIRONMENTAL
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with HIS 381.

• 39945	M	300 - 600P	GAR 1.122	RABY, M

LATIN AMERICAN COLONIAL HIST
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with HIS 386L.

• 39950	W	300 - 600P		TWINAM, A

MEXICO: REFORM TO REVOLUTION
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with HIS 386L.

• 39955	TH	1230 - 330P		BUTLER, M

THE INTER-AMERICAN COLD WAR
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, to allow curriculum flexibility for faculty members and visiting scholars. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with HIS 386K.

• 39960	T	330 - 630P	GAR 1.134	BROWN, J

LAS 388 GENDER AND MIGRATION
Course number may be repeated for credit when the topics vary. Latin American Studies 381 and 388 may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with GRG 396T, WGS 393.

• 39965	TH	400 - 700P	CLA 0.108	TORRES, R

MIGRATORY URBANISM
Course number may be repeated for credit when the topics vary. Latin American Studies 381 and 388 may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with ARC 386M.

• 39970	W	900 - 1200	SUT 2.110	LOPEZ, S

3-LAT AMER CULS, ENVIR, & DEV
Course number may be repeated for credit when the topics vary. Exploration through Latin American examples of issues of cultural identity and territory, adaptive strategies, environmental impact, conservation, cultural survival, parks and people, and sustainable development. Latin American Studies 381 and 388 may not both be counted unless the topics vary. Prerequisite: Graduate standing. Additional prerequisite: Consent of instructor. same as GRG 395D.

• 39975	M	700 - 1000P	CLA 2.606	KNAPP, G

LAS 391 ARCH/ETHN CONTACT PD LAT AM
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with ANT 380K.

• 39980	TH	200 - 500P	SAC 4.120	COVEY, R

ETHNOGRAPHY: CRITICAL PERSPECT
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 39985	T	200 - 500P	SRH 1.320	CANOVA, P

ORAL TRADITIONS AND HISTORY
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors.

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Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with ANT 391, MAS 392.
• 39990 T 200 - 500P SAC 5.118 MENCHACA, M

VIOLENCE/SOVEREIGNTY/RELIG
Course number may be repeated for credit when the topics vary. A varied selection of topics each semester, taught by different faculty members and visiting professors. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with R S 383C, ANT 391.
• 39995 TH 300 - 600P BUR 554 CROSSON, J

LAS 397R SECONDARY REPORT
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to be counted toward the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Latin American studies and consent of the supervising professor and the graduate adviser.
• 40000

LAS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in Latin American studies and consent of the supervising professor and the graduate adviser; for 698B,Latin American Studies 698A.
• 40005

LAS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Latin American studies and consent of the supervising professor and the graduate adviser; for 698B,Latin American Studies 698A.
• 40010

LAS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Latin American studies and consent of the supervising professor and the graduate adviser.
• 40015

LAS 399R DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 40020

LAS 699R DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 40025

LAS 999R DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 40030

LAS 399W DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Latin American Studies 399R, 699R, or 999R.
• 40035

LAS 699W DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Latin American Studies 399R, 699R, or 999R.
• 40040

LAS 999W DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Latin American Studies 399R, 699R, or 999R.
• 40045

DEPARTMENT OF LINGUISTICS

American Sign Language - ASL
Linguistics - LIN

ASL 601D AMERICAN SIGN LANGUAGE I: BEG
Offered on the letter-grade basis only. This course focuses on the development of beginner-level comprehension and production skills in American Sign Language. Students learn how to attend to visual language and use their hands and body for producing ASL constructions. Elementary vocabulary and grammar is covered, along with information about Deaf culture. Only one of the following may be counted: American Sign Language 601C, 601D, 506. American Sign Language 601D and 507 may not both be counted.
• 40100 MWF 800 - 1000 CLA 4.222 PARKER, E
• 40105 MWF 1200 - 200P CLA 0.104 WHITE, D
• 40110 TTH 200 - 500P CLA 4.222 RAMONT, F
• 40115 TTH 930 - 1230P CLA 4.222 RAMONT, F
• 40120 MWF 1200 - 200P CLA 4.222 WYNNE, M

ASL 610D AMERICAN SIGN LANGUAGE II: BEG
Offered on the letter-grade basis only. Focuses on the development of intermediate-level proficiency in ASL. An introduction to more complex grammatical constructions with the goal of engaging in conversations in ASL on a variety of topics. Examines the historical aspects of the Deaf community and related themes. Only one of the following may be counted: American Sign Language 610D, 611C, 312K. American Sign Language 507 and 610D may not both be counted. Prerequisite: American Sign Language 601D or 507 with a grade of at least C.
• 40125 MWF 1000 - 1200 CLA 4.222 PARKER, E

ASL 311D AMER SIGN LANG III: INTERMED
Offered on the letter-grade basis only. Focuses on maintaining and building upon a student's intermediate ASL skills. Grammar coverage includes complex constructions that involve the signing space, and vocabulary building includes comparisons between English words and ASL signs in order for the learner to make appropriate vocabulary choices in their ASL production. Complex questions facing the contemporary Deaf community are discussed. American Sign Language 311D and 312L may not both be counted. American Sign Language 611C and 311D may not both be counted. Prerequisite: American Sign Language 601C, 610D, or 312K with a grade of at least C.
• 40130 MWF 900 - 1000 CLA 0.104 WYNNE, M
• 40135 MWF 1000 - 1100 CLA 0.104 WYNNE, M
• 40140 MWF 1100 - 1200 CLA 0.104 WHITE, D

ASL 320 ADV AMER SIGN LANG CONVERSATN
Offered on the letter-grade basis only. Advanced development of conversational skills in American Sign Language,with a focus on sophisticated linguistic structures and important issuesin Deaf studies. Prerequisite: American Sign Language 311D or 312L with a grade of at least C.
• 40145 MWF 200 - 300P CLA 4.222 WHITE, D

ASL 357 UNDERGRADUATE RESEARCH
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Supervised research experience. Prerequisite: Upper-division standing, American Sign Language 601D with a grade of at least B, and consent of instructor.
• 40150

LIN 306 INTRO TO STUDY OF LANGUAGE-HON
Designed to accommodate 35 or fewer students. Survey of major areas of linguistics: sound systems, grammatical structures, historical development of languages, language families and linguistic universals, dialect differences and their social significance.
• 40205 TTH 930 - 1100 GDC 5.304 CHILDERS, Z

INTRO TO THE STUDY OF LANGUAGE
Survey of major areas of linguistics: sound systems, grammatical structures, historical development of languages, language families and linguistic universals, dialect differences and their social significance.
• 40210 MWF 1200 - 100P CLA 1.108 FAIRCLOTH, L
• 40215 TTH 200 - 330P GAR 3.116 MEEMANN, K
• 40220 TTH 330 - 500P GDC 6.202 BERMUDEZ, N

INTRO TO THE STUDY OF LANGUAGE
Designed to accommodate 100 or more students. Survey of major areas of linguistics: sound systems, grammatical structures, historical development of languages, language families and linguistic universals, dialect differences and their social significance.
• 40225 MWF 1000 - 1100 UTC 4.110 WOODBURY, A
• 40230 TTH 1230 - 200P RLM 6.104 QUINTO-POZOS, D

LIN 312 BILINGUALISM IN THE AMERICAS
Course number may be repeated for credit when the topics vary. An interdisciplinary and multidisciplinary introduction to the manifold aspects of language. meets with MAS 309.
• 40235 MWF 800 - 900 PAR 303 COLOMINA-ALMINANA

LIN 312C CULTURE AND COMMUNICATION
An introduction to the study of culture through communication and the theory of signs. Only one of the following may be counted: Anthropology 307, Linguistics 312 (Topic: Culture and Communication), 312C. same as ANT 307.
• 40240 MWF 200 - 300P GSB 2.124 KEATING, E

LIN 313 LANGUAGE AND COMPUTERS
Designed to accommodate 35 or fewer students. Natural language processing, including spam filtering, dialogue systems, spelling and grammar correction, forensic linguistics, cryptography, and machine translation. Studies how these systems function, the difficulties in implementing them, and implications of such technologies for society. Linguistics 312 (Topic: Language and Computers) and 313 may not both be counted.
• 40245 TTH 1100 - 1230P BIO 301 LI, J

LIN 323L ENGLISH AS A WORLD LANGUAGE
Designed to accommodate 35 or fewer students. An account of the spread of English around the world; national, social, and regional varieties. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as E 323L.
• 40250 TTH 200 - 330P PAR 306 HINRICHS, L

April 3, 2018

course | unique | days | time | room | instructor

LIN 344K PHONET: PROD/PERCPT SPE SOUNDS
Additional hour(s) to be arranged. Articulation and transcription of speech sounds; distinctive feature systems; physiological and acoustical aspects of phonetics; common phonological processes.
• 40255 TTH 1230 - 200P PAR 201 SMILJANIC, R

LIN 350 1-LANGUAGE AND THE BRAIN
Course number may be repeated for credit when the topics vary. Nontechnical examination of social, educational, and political problems to which current linguistic knowledge is relevant. Delves into the neuroanatomical and functional operations of the major brain structures that underlie speech/language. Subjects include hemispheric dominance for language, neurological and language breakdownsin aphasia, and brain imaging methods and studies of language representation. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as CSD 350.
• 40260 TTH 200 - 330P GSB 2.124 SUSSMAN, H

6-INDIGENOUS LANGS OF AMERS
Course number may be repeated for credit when the topics vary. Nontechnical examination of social, educational, and political problems to which current linguistic knowledge is relevant. Examines various aspects of languages in the Americas, including their linguistic structures, the cultural domains in which they exist, and their histories of language contact and change. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as LAS 322 (TOPIC 15).
• 40265 TTH 930 - 1100 CLA 0.104 ENGLAND, N

14-LINGUISTICS OF WRITING
Course number may be repeated for credit when the topics vary. Nontechnical examination of social, educational, and political problems to which current linguistic knowledge is relevant. How language relates to the written word and how linguistic analysis is intertwined with writing. Subjects include the typology and evolution of writing systems, the psycholinguistics of reading and writing, and the role of writing in contemporary language politics. Linguistics 350 (Topic: Linguistics of Writing Systems) and 350 (Topic 14) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 40270 MWF 900 - 1000 JES A305A LAW, D

15-COMPUTATIONAL SEMANTICS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Nontechnical examination of social, educational, and political problems to which current linguistic knowledge is relevant. Studies methods for automatically learning and analyzing word meanings and sentence meanings. Encompasses vector space models as well as logic-based semantics. Linguistics 350 (Topic: Computational Semantics) and 350 (Topic 15) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 40275 TTH 1100 - 1230P SZB 524 ERK, K

LIN 357 UNDERGRADUATE RESEARCH
Hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit. Supervised research experience. Prerequisite: Upper-division standing and Linguistics 306 with a grade of at least C-.
• 40280

LIN 372K SOUND PATTERNS: SOUND TO WORD
Methods and principles of analyzing the sound systems of languages. Prerequisite: Linguistics 344K.
• 40285 MWF 200 - 300P CBA 4.332 CROWHURST, M

LIN 372L SYNTAX/SEM: STRUC/MEAN UTTERNC
Methods and principles of describing the syntactic systems of languages. Prerequisite: Upper-division standing and Linguistics 306.
• 40290 MWF 100 - 200P CLA 1.108 WECHSLER, S

LIN 373 BILINGUAL MINDS
Course number may be repeated for credit when the topics vary. Introduction to the study of the areas of linguistics that involve other disciplines, such as sociolinguistics, psycholinguistics, mathematical methods in linguistics. Prerequisite: Varies with the topic. meets with MAS 374.
• 40295 TTH 1230 - 200P PAR 103 LOPEZ, B

9-GERMAN LANG: HIST PERSPEC
Course number may be repeated for credit when the topics vary. Introduction to the study of the areas of linguistics that involve other disciplines, such as sociolinguistics, psycholinguistics, mathematical methods in linguistics. Only one of the following may be counted: Anthropology 320L (Topic 8: German and English: Historical Perspectives), 320L (Topic 9), Classical Civilization 348 (Topic 8: German and English: Historical Perspectives), 348 (Topic 9: The German Language: Historical Perspectives), German 369 (Topic 4), Germanic Civilization 327E (Topic 9: German and English: Historical Perspectives), Linguistics 373 (Topic 8: German and English: Historical Perspectives), 373 (Topic 9). Prerequisite: Varies with the topic. Additional prerequisite: Three semester hours of upper-division coursework in German or Linguistics. same as ANT 320L (TOPIC 9), GER 369 (TOPIC 4). also meets with GER 369 (TOPIC 1).
• 40300 TTH 1230 - 200P BUR 337 PIERCE, M

LIN 379 CONF COURSE IN LINGUISTICS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study of selected problems in linguistics. Prerequisite: Six semester hours of upper-division coursework in linguistics.
• 40305

LIN 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. May be repeated for credit. Supervised individual reading for one semester, followed by research andwriting to produce a substantial paper. Prerequisite: For 679HA, admission to the Linguistics Honors Program; for 679HB, Linguistics 679HA.
• 40310

LIN 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. May be repeated for credit. Supervised individual reading for one semester, followed by research andwriting to produce a substantial paper. Prerequisite: For 679HA, admission to the Linguistics Honors Program; for 679HB, Linguistics 679HA.
• 40315

LIN 380L SYNTAX I
An introduction to the description and analysis of syntax. Prerequisite: Graduate standing.
• 40320 TTH 1230 - 200P CLA 4.710 BEAVERS, J

LIN 381M PHONETICS
Speech production and perception; acoustic phonetics; phonetics and phonology; experimental techniques. Prerequisite: Graduate standing.
• 40325 TTH 930 - 1100 CLA 4.710 SMILJANIC, R

LIN 383 3-INTRO TO ROMANCE LINGUISTICS
Course number may be repeated for credit when the topics vary. The comparative method; applications to particular linguistic families. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Graduate standing in languages and consent of instructor and the graduate adviser. same as FR 396K (TOPIC 1), ITL 396K (TOPIC 1), POR 396K (TOPIC 2), SPN 396K (TOPIC 2).
• 40330 TTH 930 - 1100 HRH 2.106C RUSSI, C

LIN 385 FIELD METHS IN LIN INVESTIGATN
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Methods of research in phonological and grammatical description; work with speakers of under-described languages. Prerequisite: Graduate standing and consent of instructor.
• 40335 M 1200 - 300P CLA 4.716 WOODBURY, A

LIN 389C RSCH IN COMPUTATNL LINGUISTICS
May be repeated for credit. Prerequisite: Graduate standing.
• 40340 W 100 - 400P CLA 4.422 ERK, K

LIN 389D RSCH DOCUM/DESCRIPT LING
May be repeated for credit. Prerequisite: Graduate standing.
• 40345 W 100 - 400P CLA 4.716 LAW, D

LIN 389P RSCH IN PHONETICS/PHONOLOGY
May be repeated for credit. Prerequisite: Graduate standing.
• 40350 TTH 330 - 500P CLA 4.722 CROWHURST, M

LIN 389S RSCH IN SYNTAX AND SEMANTICS
May be repeated for credit. Prerequisite: Graduate standing.
• 40355 W 900 - 1200 CLA 4.710 WECHSLER, S

LIN 389V RSCH IN SIGNED LANGUAGES
May be repeated for credit. Prerequisite: Graduate standing.
• 40360 F 1200 - 300P CLA 4.104 QUINTO-POZOS, D

LIN 392 CONVERSATION ANALYSIS
Course number may be repeated for credit when the topics vary. A reading course in a selected area of linguistics. Prerequisite: Graduate standing and consent of instructor. meets with ANT 393.
• 40365 W 900 - 1200 SAC 5.118 KEATING, E

1-INTRO TO COGNITIVE SCIENCE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A reading course in a selected area of linguistics. Only one of the following may be counted: Cognitive Science 380 (Topic 1), Linguistics 392 (Topic 1), 393 (Topic: Introduction to Cognitive Science), 393 (Topic: Topics in Cognitive Science), Philosophy 383 (Topic: Introduction to Cognitive Science), 383C, Psychology 394U (Topic 3). Prerequisite: Graduate standing and consent of instructor. same as CGS 380 (TOPIC 1), PHL 383C, PSY 394U (TOPIC 3).
• 40370 TTH 330 - 500P CLA 1.108 BEAVER, D

LIN 393 LANGUAGE CONTACT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 40375 TTH 1100 - 1230P CLA 4.716 EPPS, P

LIN 393S COMPUTATIONAL DISCOURSE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 40380 TTH 200 - 330P CLA 4.422 LI, J

MINIMALIST PROGRAM
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 40385 M 900 - 1200 CLA 4.710 BEAVERS, J

LIN 395 CONF COURSE IN LINGUISTICS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised research. Prerequisite: Graduate standing and consent of instructor and the linguistics graduate adviser.
• 40390

Aug 3, 2018

course unique days time room instructor

LIN 396 LANGUAGE AND POWER
Course number may be repeated for credit when the topics vary. Detailed investigation of an area of current interest in sociolinguistics. Most topics provide an opportunity for field research. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 40395 TH 900 - 1200 SAC 5.124 KEATING, E

LIN 397 FORUM FOR DOCTORAL CANDIDATES
Offered on the credit/no credit basis only. Prerequisite: Graduate standing in linguistics and consent of instructor.
• 40400 F 900 - 1200 CLA 4.716 ENGLAND, N

LIN 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in linguistics and consent of the graduate adviser; for 698B, Linguistics 698A.
• 40405

LIN 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in linguistics and consent of the graduate adviser; for 698B, Linguistics 698A.
• 40410

LIN 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in linguistics and consent of the graduate adviser.
• 40415

LIN 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 40420

LIN 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 40425

LIN 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 40430

LIN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Linguistics 399R, 699R, or 999R.
• 40435

LIN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Linguistics 399R, 699R, or 999R.
• 40440

LIN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Linguistics 399R, 699R, or 999R.
• 40445

DEPARTMENT OF MEXICAN AMERICAN AND LATINO/A STUDIES

Mexican American Studies - MAS

MAS 301 INTR MEX AMER LATINA/O STUDIES
Mexican American Studies 301 and 319 (Topic: Introduction to Mexican American and Latina/o Studies) may not both be counted.
• 40500 MWF 1100 - 1200 PHR 2.114 MINICH, J

MAS 307 INTRO TO MEXICAN AMER CUL STDS
An introduction to the theoretical and substantive issues covered under the interdisciplinary rubric of cultural studies. Explores the Mexican American cultural experience through the methodological approaches of historical analysis, cultural critique, and literary production.
• 40505 TTH 200 - 330P PAR 206 ALVAREZ, C

MAS 308 INTRO TO MEX AMER POLICY STDS
Additional hour(s) to be arranged. An introduction to the basics of policy analysis, employing demographic and empirical information on the Mexican American and Latino populations in the United States. Current policy issues such as bilingual education, affirmative action, the English-only movement, immigration, Latino consumers, Latino entrepreneurship, and NAFTA.
• 40510 MWF 1100 - 1200 GWB 1.130

MAS 309 BILINGUALISM IN THE AMERICAS
Analyzes the linguistic, cognitive, social, and cultural aspect of bilingualism in the Americas. Mexican American Studies 309 and 319 (Topic: Bilingualism in the Americas) may not both be counted. meets with LIN 312.
• 40515 MWF 800 - 900 PAR 303 COLOMINA-ALMINANA

MAS 311 ETHNCTY & GENDER: LA CHICANA
Only one of the following may be counted: Mexican American Studies 311, 319 (Topic 1), Sociology 308 (Topic: Ethnicity and Gender: La Chicana), 308D, Women's and Gender Studies 301 (Topic 6). same as SOC 308D, WGS 301 (TOPIC 6). also meets with AMS 315.
• 40520 MWF 900 - 1000 GAR 0.132
• 40525 MWF 1200 - 100P

MAS 314 MEXICAN AMERICAN LIT AND CUL
Designed to accommodate 35 or fewer students. Representative Chicano writers and genres, such as poetry, prose fiction, and theatre. English 314V (Topic 3) and Mexican American Studies 314 may not both be counted. May not be substituted for English 316L (or 316K), 316M (or 316K), 316N (or 316K), 316P (or 316K). Prerequisite: English 303C (or 603A), Rhetoric and Writing 306, 306Q, orTutorial Course 303C (or 603A). same as E 314V (TOPIC 3).
• 40530 MWF 100 - 200P MEZ 1.206
• 40535 TTH 200 - 330P PAR 308

MAS 316 HISTORY OF MEXICAN AMERS IN US
Examines the origin and growth of the Mexican American community in the United States. History 314K and Mexican American Studies 316 may not both be counted. same as HIS 314K.
• 40540 TTH 930 - 1100 CAL 100 ZAMORA, E

MAS 319 DRUG HISTORY IN THE AMERICAS
Course number may be repeated for credit when the topics vary. meets with AMS 315, LAS 310.
• 40545 TTH 330 - 500P WAG 201 ALVAREZ, C

INTRO NATV AM/INDIG STUDIES
Course number may be repeated for credit when the topics vary. meets with AMS 315.
• 40550 MWF 1000 - 1100 TAHMAHKERA, D

MAS 372 RSCH SMNR IN MEXICAN AMER STDS
Hour(s) to be arranged. Supervised research on a Mexican American topic chosen in consultation with adviser and leading to a full-length essay. Prerequisite: Consent of the academic adviser.
• 40555

MAS 373 INDEPENDENT RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Consent of the academic adviser.
• 40560

MAS 374 BILINGUAL MINDS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with LIN 373.
• 40565 TTH 1230 - 200P PAR 103 LOPEZ, B

LATINA/O PSYCHOLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with EDP 376T.
• 40570 TTH 1100 - 1230P PAR 308 LOPEZ, B

LATINA/O SPIRITUALITY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with AMS 370.
• 40575 MWF 200 - 300P CMA 5.190 GONZALEZ-MARTIN, R

POLICING LATINIDAD
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with AMS 321.
• 40578 MWF 1000 - 1100 BIO 301 LEBRON, M

LATINO URBANISM IN US CITY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 40579 MWF 1200 - 100P GAR 0.120 LEDESMA DE LEON, E

PUERTO RICO IN CRISIS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with HIS 363K, AFR 374E, AMS 370.
• 40580 TTH 330 - 500P PAR 304 JIMENEZ, M

SOCIETY OF MODERN MEXICO
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 40585 TTH 200 - 330P WARD, P

SOCIOCUL INFLUENCES ON LEARN
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ALD 327, AFR 372D (TOPIC 2).
• 40590 TH 100 - 400P SZB 426

TRANSNATL LATINX POP CULTURE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 40594 TTH 200 - 330P GEA 114 GUTIERREZ, L

WOMEN OF COLOR FEMINISMS IN US
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with AMS 321.
• 40595 MWF 1100 - 1200 CMA 3.114 GUIDOTTI-HERNANDEZ

16-TEXAS, 1914 TO THE PRESENT
Course number may be repeated for credit when the topics vary. The steady dissociation of Texas from its Old South status to a transitional state and a power in national

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politics. Three semester hours of Texas history may be substituted for half of thelegislative requirement for American history. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as HIS 320R, URB 353 (TOPIC 2).
• 40600 TTH 1230 - 200P ART 1.120 ZAMORA, E

23-MEXICAN AMER INDIG HERITAGE
Course number may be repeated for credit when the topics vary. The prehistory, history, and contemporary racial understanding of Mexican Americans. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as ANT 322M (TOPIC 10). also meets with LAS 324L.
• 40605 TTH 930 - 1100 CLA 0.112 MENCHACA, M

MAS 375 INTERNSHIP
Hour(s) to be arranged. Participate in a nonpartisan, direct-service capacity in a community, civic, or government organization or program that facilitates the economic, political, and social development of the Mexican American community. Write a report based on the internship project under the supervision of a faculty member. Restricted to Mexican American studies majors. Prerequisite: Consent of the internship coordinator.
• 40610

MAS 177 MELLON MAYS PROGRAM SEMINAR
Hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit. Seminar designed as an interdisciplinary primer to the exploration of research, writing, and professionalization in preparation for doctoral study. Restricted to students accepted to the Mellon Mays Program. Prerequisite: Upper-division standing and consent of instructor.
• 40615 TORIBIO, A

MAS 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised research, readings, and writing of a substantial paper on a Mexican American studies topic. Restricted to Mexican American studies majors. Prerequisite: For 679HA, Mexican American Studies 361, 362, or 372 with a grade of A; admission to the Mexican American Studies Honors Program no later than two semesters before expected graduation; a University grade point average of at least 3.00; and a grade point average in Mexican American studies of at least 3.50; for 679HB, Mexican American Studies 679HA.
• 40620

MAS 382 CONF CRS IN MEXICAN AMER STDS
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of the graduate adviser.
• 40625

MAS 390 INTRO TO MEX AMER/LAT STUDIES
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. An overview of Mexican American studies for graduate research. Prerequisite: Graduate standing.
• 40630 M 200 - 500P CMA 3.108 GONZALEZ-MARTIN, R

MAS 392 INTERNATIONAL MIGRATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with LAS 381 (TOPIC 1), SOC 389K (TOPIC 4).
• 40635 W 300 - 600P BUR 214 RODRIGUEZ, N

MARKETING LATINIDAD
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with ANT 391.
• 40640 MWF 1000 - 1100 GWB 1.138 GONZALEZ-MARTIN, R

PERF, FEMS & BODY IN AMS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic.
• 40645 T 330 - 630P GWB 1.138 GUTIERREZ, L

RACE & ETHNIC RELATIONS IN SCH
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with ELP 394K.
• 40650 T 400 - 700P SZB 376 VALENZUELA, A

ORAL TRADITIONS AND HISTORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with ANT 391, LAS 391.
• 40655 T 200 - 500P SAC 5.118 MENCHACA, M

US IMMIGRATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with P A 388K.
• 40659 W 600 - 900P SRH 3.312 DEFRANCESCO, V

VISUALIZING INDIGEN: AMERS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic.
• 40660 W 330 - 630P TAHMAHKERA, D

MAS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Mexican American studies and consent of the graduate adviser; for 698B, Mexican American Studies 698A.
• 40665

MAS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Mexican American studies and consent of the graduate adviser; for 698B, Mexican American Studies 698A.
• 40670

MAS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Mexican American studies and consent of the graduate adviser.
• 40675

MEDIEVAL STUDIES

Medieval Studies - MDV

MDV 392M THE WAY WE DO MEDIEVAL NOW
Course number may be repeated for credit when the topics vary. Major medieval historical developments and monuments of culture in thought, literature, art, architecture, and music. Prerequisite: Graduate standing and consent of the graduate adviser. meets with E 392M.
• 40730 W 1200 - 300P MEZ 1.104 SCALA, E

DEPARTMENT OF MIDDLE EASTERN STUDIES

Arabic - ARA
Hebrew - HEB
Islamic Studies - ISL
Middle Eastern Languages and Cultures - MEL
Persian - PRS
Turkish - TUR

CENTER FOR MIDDLE EASTERN STUDIES

Middle Eastern Studies - MES

MES 301K MID EAST: REL/CUL/HIST FND
A survey of the history and civilization of the Middle East from the sixth to the fourteenth century. Only one of the following may be counted: History 306K, Middle Eastern Studies 301K, Religious Studies 314 (Topic: Intro M East: Rel/Cul/Hist Fnd), 314K. same as HIS 306K, R S 314K.
• 40785 TTH 200 - 330P GEA 105 AGBARIA, A

MES 310 3-INTRO TO THE OLD TESTAMENT
Course number may be repeated for credit when the topics vary. Studies of areas and issues in the Middle East and North Africa. Introduction to the many interpretations of the Hebrew Bible (the Old Testament) and its meaning in the context of its historical and cultural setting in the ancient Near East. Only one of the following may be counted: Core Texts and Ideas 305G, 310(Topic: Introduction to the Hebrew Bible), Jewish Studies 311 (Topic: Introduction to the Hebrew Bible), 311 (Topic 4), Middle Eastern Studies 310 (Topic: Introduction to the Hebrew Bible), 310 (Topic 3), Religious Studies 313 (Topic: Introduction to the Hebrew Bible), 313C. same as CTI 305G, J S 311 (TOPIC 4), R S 313C.
• 40790 TTH 930 - 1100 CBA 4.326 WELLS, B

5-INTRO MUS IN WORLD CULTURES
Course number may be repeated for credit when the topics vary. Studies of areas and issues in the Middle East and North Africa. Exploration of practices, beliefs, and issues through the study of various musical genres in the regions of Asia, the Middle East, Africa, the Pacific, Europe, and the Americas. Only one of the following may be counted: Asian Studies 303M, Middle Eastern Studies 310 (Topic: Introduction to Music In World Cultures), 310 (Topic 5), Music 303M. same as MUS 303M.
• 40795 TTH 930 - 1100 MRH 2.608
M 500 - 600P MRH 2.604
• 40800 TTH 930 - 1100 MRH 2.608
W 500 - 600P MRH 2.604
• 40805 TTH 930 - 1100 MRH 2.608
M 600 - 700P MRH 2.604
• 40810 TTH 930 - 1100 MRH 2.608
W 600 - 700P MRH 2.604

6-JEWISH CIV: BEGIN TO 1492
Course number may be repeated for credit when the topics vary. Studies of areas and issues in the Middle East and North Africa. Introduction to the history, culture, and religion of the Jewish people from around 1000 BC to the end of the medieval period. Subjects may include ancient Israel, late Second Temple sectarianism, the rise of Christianity, rabbinic Judaism, medieval Jewish philosophy, Jewish mysticism, and

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course unique days time room instructor

Hebrew poetry. Only one of the following may be counted: History 306N (Topic: Jewish Civilization I), 306N (Topic 10), Jewish Studies 304M, 311 (Topic: Jewish Civilization I), Middle Eastern Studies 310 (Topic: Jewish Civilization: Beginnings to 1492), 310 (Topic 6), Religious Studies 313 (Topic: Jewish Civilization I), 313M. same as HIS 306N (TOPIC 10), J S 304M, R S 313M.
• 40815 TTH 930 - 1100 PAR 304 SCHOFER, J

MES 341 GLOBAL MARKETING
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MKT 372 (TOPIC 4).
• 40820 MW 1230 - 200P UTC 1.132 GILLESPIE, K

MES 342 ART AND ARCH OF LATE ANTIQUITY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 40825 MWF 1000 - 1100 DFA 2.204 PEERS, G

BEFORE THE BIBLE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MEL 321, J S 363, R S 365.
• 40830 MWF 100 - 200P WEINBENDER, J

CONFLICT LIT/MEDIA MID EAST
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with J S 363, C L 323, MEL 321.
• 40835 MWF 1200 - 100P PAR 206 GREEN, R

DEBATING GENESIS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 40840 TTH 1100 - 1230P MEZ B0.302 WELLS, B

19-SELF-REVLATN WOMEN'S WRTG
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: African and African Diaspora Studies 372E (Topic 8), 374 (Topic 26), Comparative Literature 323 (Topic 4), English 322 (Topic: Self-Revelation in Women's Writing), Middle Eastern Studies 342 (Topic 19), Women's and Gender Studies 340 (Topic 14). Prerequisite: Varies with the topic. same as AFR 372E (TOPIC 8), C L 323 (TOPIC 4), WGS 340 (TOPIC 14).
• 40845 TTH 1100 - 1230P MEZ 2.102 HILLMANN, M

27-ISLAMIC LAW
Course number may be repeated for credit when the topics vary. Designed to give students a foundation in the substantive teachings of the shariah, which comprises not only what we normally think of as law, but also ethics and etiquette. Only one of the following may be counted: Islamic Studies 340 (Topic: Islamic Law), 340 (Topic 5), Middle Eastern Languages and Cultures 321 (Topic: Islamic Law), 321 (Topic 19), Middle Eastern Studies 342 (Topic 27), Religious Studies 358 (Topic: Islamic Law), 358 (Topic 9), Women's and Gender Studies 340 (Topic: Islamic Law), 340 (Topic 27). Prerequisite: Varies with the topic. same as ISL 340 (TOPIC 5), MEL 321 (TOPIC 19), R S 358 (TOPIC 9), WGS 340 (TOPIC 27).
• 40850 MW 1130 - 100P AYOUB, S

31-PALESTINE & PALESTINIANS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Arabic 360L (Topic: Palestine and the Palestinians), 360L (Topic 10), Middle Eastern Languages and Cultures 321 (Topic 21), Middle Eastern Studies 342 (Topic 31). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as MEL 321 (TOPIC 21).
• 40855 T 200 - 500P PAR 101 MOHAMMAD, M

34-RELIGIONS OF MIDDLE EAST
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Islamic Studies 340 (Topic: Religions of the Middle East), 340 (Topic 6), Middle Eastern Languages and Cultures 321 (Topic 26), Middle Eastern Studies 322K (Topic: Religions of the Middle East), 342 (Topic 34), Religious Studies 358 (Topic: Religions of the Middle East), 358 (Topic 15). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as ISL 340 (TOPIC 6), MEL 321 (TOPIC 26), R S 358 (TOPIC 15).
• 40860 TTH 1100 - 1230P UTC 3.122 AZAM, H

MES 343 6-MODERN IRAN
Course number may be repeated for credit when the topics vary. The development of modern Iran; special attention is given to the impactof the West, the constitutional movement, nationalism, the oil crisis, and the Islamic Revolution of 1979. History 331L and Middle Eastern Studies 343 (Topic 6) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as HIS 331L.
• 40865 TTH 1230 - 200P PAR 301 AGHAIE, K

MES 360 CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual research, discussion, and writing of papers about various general and specialized Middle Eastern subjects. Prerequisite: Upper-division standing and consent of instructor.
• 40870

MES 370 PRACT: INTRNSHP IN APPLIED MES
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Research and staff experience working in an appropriate agency or business. May not be repeated for credit. Prerequisite: Completion of at least seventy semester hours of coursework, including twelve hours of Middle Eastern studies, and consent of the undergraduate adviser.
• 40875

MES 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by research andwriting to produce a substantial paper on a special topic in middle eastern studies, to be completed during the second semester. Prerequisite: For 679HA, admission to the Middle Eastern Studies Honors Program; for 679HB, Middle Eastern Studies 679HA.
• 40880

MES 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual reading for one semester, followed by research andwriting to produce a substantial paper on a special topic in middle eastern studies, to be completed during the second semester. Prerequisite: For 679HA, admission to the Middle Eastern Studies Honors Program; for 679HB, Middle Eastern Studies 679HA.
• 40885

MES 381 WOMEN IN SCRIPTURE
Course number may be repeated for credit when the topics vary. Advanced studies of various aspects of the civilizations and cultures of the Middle East and North Africa. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 40890 T 930 - 1230P CAL 422 SHIRAZI, F

MES 384 THE POLITICS OF CAPITAL
Course number may be repeated for credit when the topics vary. Advanced studies of various aspects of social sciences in the Middle East. Only one of the following may be counted unless the topics vary: Middle Eastern Studies 381, 384, 385, 386. Prerequisite: Graduate standing, and consent of the instructor and graduate advisor. meets with GOV 390L.
• 40895 W 900 - 1200 BAT 1.104 BROWNLEE, J

10-THE MILITARY IN POLITICS
Course number may be repeated for credit when the topics vary. Advanced studies of various aspects of social sciences in the Middle East. Only one of the following may be counted unless the topics vary: Middle Eastern Studies 381, 384, 385, 386. Prerequisite: Graduate standing, and consent of the instructor and graduate advisor. meets with GOV 390L, LAS 384L.
• 40900 M 330 - 630P BARANY, Z

MES 385 5-MOD IRANIAN HIST & HISTORIOG
Course number may be repeated for credit when the topics vary. Advanced studies of various aspects of history in the Middle East. Only one of the following may be counted unless the topics vary: Middle Eastern Studies 381, 384, 385, 386. Prerequisite: Graduate standing. Additional prerequisites may vary with the topic.
• 40905 T 330 - 630P CAL 422 AGHAIE, K

MES 386 ISLAMIC FEMINISM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced studies of various aspects of the arts and humanities in the Middle East. Only one of the following may be counted unless the topics vary: Middle Eastern Studies 381, 384, 385, 386. Prerequisite: Graduate standing. Additional prerequisites may vary with the topic. meets with R S 390T.
• 40910 T 200 - 500P MEZ 1.202 AZAM, H

ME STUDIES: INTERDISC INTRO
Course number may be repeated for credit when the topics vary. Advanced studies of various aspects of the arts and humanities in the Middle East. Only one of the following may be counted unless the topics vary: Middle Eastern Studies 381, 384, 385, 386. Prerequisite: Graduate standing. Additional prerequisites may vary with the topic.
• 40915 M 300 - 600P CAL 422 ATWOOD, B
• 40920 W 300 - 600P CAL 422 ATWOOD, B

SPACE AND PLACE IN LITERATURE
Course number may be repeated for credit when the topics vary. Advanced studies of various aspects of the arts and humanities in the Middle East. Only one of the following may be counted unless the topics vary: Middle Eastern Studies 381, 384, 385, 386. Prerequisite: Graduate standing. Additional prerequisites may vary with the topic. meets with MEL 381, C L 382.
• 40925 M 200 - 500P BEN 1.118 GRUMBERG, K

MES 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Middle Eastern studies and consent of the graduate adviser; for 698B, Middle Eastern Studies 698A.
• 40930

MES 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Middle Eastern studies and consent of the graduate adviser; for 698B, Middle Eastern Studies 698A.
• 40935

MES 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Middle Eastern studies and consent of the graduate adviser.
• 40940

course	unique	days	time	room	instructor

ARA 601C INTENSIVE ARABIC I

First semester of intensive Arabic language instruction. Only one of the following may be counted: Arabic 601C, 506, 508. Arabic 601C and 106C may not both be counted. Not open to native speakers of Arabic.

• 40995	MWF	400 - 500P	MEZ 2.122	
	TTH	330 - 500P	MEZ 1.204	

INTENSIVE ARABIC I

First semester of intensive Arabic language instruction. Only one of the following may be counted: Arabic 601C, 506, 508. Arabic 601C and 106C may not both be counted. Not open to native speakers of Arabic. meets with ARA 381H.

• 41000	MWF	900 - 1000	BEN 1.126	AL-SHALCHI, O
	TTH	800 - 930	MEZ 1.212	
• 41005	MWF	1000 - 1100	WAG 112	
	TTH	930 - 1100	MEZ 1.122	
• 41010	MWF	100 - 200P	BEN 1.122	MOHAMMAD, M
	TTH	1230 - 200P	CAL 22	
• 41015	MWF	100 - 200P	MEZ 1.102	
	TTH	1230 - 200P	BEN 1.102	
• 41020	MWF	200 - 300P	MEZ 2.122	
	TTH	200 - 330P	MEZ 2.122	
• 41025	MWF	300 - 400P	MEZ 2.122	
	TTH	330 - 500P	JES A218A	
• 41030	MWF	300 - 400P	PAR 103	
	TTH	330 - 500P	BEN 1.126	

ARA 621K INTENSIVE ARABIC III

If taken in residence, only one of the following may be counted: Arabic 512K, 621K. Arabic 112C and 621K may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 611C with a grade of at least C.

• 41035	MWF	1100 - 1200	MEZ B0.302	
	TTH	1100 - 1230P	CLA 0.120	
• 41040	MWF	300 - 400P	MEZ 1.212	
	TTH	330 - 500P	MEZ 1.216	

INTENSIVE ARABIC III

If taken in residence, only one of the following may be counted: Arabic 512K, 621K. Arabic 112C and 621K may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 611C with a grade of at least C. meets with ARA 381K.

• 41045	MWF	1000 - 1100	MEZ B0.302	
	TTH	930 - 1100	MEZ 1.104	
• 41050	MWF	1200 - 100P	MEZ 1.122	
	TTH	1230 - 200P	BEN 1.104	

INTENSIVE ARABIC III

Designed to accommodate 35 or fewer students. If taken in residence, only one of the following may be counted: Arabic 512K, 621K. Arabic 112C and 621K may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 611C with a grade of at least C. meets with ARA 381K.

• 41055	MWF	200 - 300P	GDC 6.202	
	TTH	330 - 500P	GAR 0.120	

INTENSIVE ARABIC III

If taken in residence, only one of the following may be counted: Arabic 512K, 621K. Arabic 112C and 621K may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 611C with a grade of at least C. meets with ARA 381K.

• 41060	MWF	200 - 300P	MEZ 1.216	
	TTH	200 - 330P	MEZ 2.102	

ARA 327K ADV SPOKEN MEDIA ARABIC I

Development of the specialized vocabulary and skills needed in the mediaor public policy sectors of the Arab-speaking world. Prerequisite: Arabic 531L with a grade of at least B-.

• 41065	MWF	100 - 200P	WAG 208	

ARA 130D ARABIC ACROSS DISCIPLINES

Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Students read and discuss Arabic language materials related to the subject matter of another designated course. No more than three semester hours may be counted toward the major in either Middle Eastern Studies or Middle Eastern Languages and Culture. Prerequisite: Upper-division standing and consent of instructor. Restricted to non-native speakers of Arabic.

• 41070	M	900 - 1000	CAL 422	
• 41075	F	900 - 1000	CAL 422	

ARA 531K INTENSIVE ARABIC V

Not open to native speakers of Arabic. Prerequisite: Arabic 112D and 512L with a grade of at least C in each, or Arabic 621L with a grade of at least C. meets with ARA 381M.

• 41080	MF	900 - 1000	MEZ 2.124	HOUSEN, G
	TTH	930 - 1100	UTC 4.120	
• 41085	MF	1200 - 100P	MEZ 1.118	HOUSEN, G
	TTH	1230 - 200P	MEZ 1.120	

ARA 381H INTENSV GRAD LANG INSTRUCTN I

Intensive cultural and literacy-focused training in Arabic at the beginning level in preparation for research in the Arab world or with Arabic sources. Incoming students are placed in the appropriate level by means of a departmental placement test. Not open to native speakers of Arabic. Prerequisite: Graduate standing. meets with ARA 601C.

• 41090	MWF	900 - 1000	BEN 1.126	AL-SHALCHI, O
	TTH	800 - 930	MEZ 1.212	
• 41095	MWF	1000 - 1100	WAG 112	
	TTH	930 - 1100	MEZ 1.122	
• 41100	MWF	100 - 200P	BEN 1.122	MOHAMMAD, M
	TTH	1230 - 200P	CAL 22	
• 41105	MWF	100 - 200P	MEZ 1.102	
	TTH	1230 - 200P	BEN 1.102	
• 41110	MWF	200 - 300P	MEZ 2.122	
	TTH	200 - 330P	MEZ 2.122	
• 41115	MWF	300 - 400P	MEZ 2.122	
	TTH	330 - 500P	JES A218A	
• 41120	MWF	300 - 400P	PAR 103	
	TTH	330 - 500P	BEN 1.126	

ARA 381K INTENSV GRAD LANG INSTRUC III

Intensive cultural and literacy-focused training in Arabic at the intermediate level in preparation for research in the Arab world or with Arabic sources. Incoming students are placed in the appropriate level by means of a departmental placement test. Not open to native speakers of Arabic. Prerequisite: Graduate standing and Arabic 381J with a grade of at least B. meets with ARA 621K.

• 41125	MWF	1000 - 1100	MEZ B0.302	AL-SHALCHI, O
	TTH	930 - 1100	MEZ 1.104	
• 41130	MWF	1200 - 100P	MEZ 1.122	AL-SHALCHI, O
	TTH	1230 - 200P	BEN 1.104	
• 41135	MWF	200 - 300P	GDC 6.202	
	TTH	330 - 500P	MEZ 2.116	
• 41140	MWF	200 - 300P	MEZ 1.216	
	TTH	200 - 330P	MEZ 2.102	

ARA 381M INTENSV GRAD LANG INSTRUCTN V

Intensive cultural and literacy-focused training in Arabic at the advanced level in preparation for research in the Arab world or with Arabic sources. Incoming students are placed in the appropriate level by means of a departmental placement test. Not open to native speakers of Arabic. Prerequisite: Graduate standing and Arabic 381L with a grade of at least B. meets with ARA 531K.

• 41145	MF	900 - 1000	MEZ 2.124	AL-SHALCHI, O
	TTH	930 - 1100	CAL 422	
• 41150	MF	1200 - 100P	MEZ 1.118	AL-SHALCHI, O
	TTH	1230 - 200P	MEZ 1.120	

ARA 389 CONF COURSE IN ARABIC STUDIES

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study of selected problems in Arabic studies. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.

• 41155

HEB 601C INTENSIVE HEBREW I

First semester of intensive Hebrew language instruction. Hebrew 601C and 506 may not both be counted. Hebrew 601C and 507 may not both be counted. Restricted to non-native speakers of Hebrew.

• 41210	MWF	1000 - 1100	MEZ 1.216	
	TTH	930 - 1100	MEZ B0.302	

INTENSIVE HEBREW I

Designed to accommodate 35 or fewer students. First semester of intensive Hebrew language instruction. Hebrew 601C and 506 may not both be counted. Hebrew 601C and 507 may not both be counted. Restricted to non-native speakers of Hebrew.

• 41215	MWF	200 - 300P	CAL 422	MAIMON, A
	TTH	200 - 330P	CAL 422	

HEB 602C INTENSIVE BIBLICAL HEBREW I

Introduction to the language and texts of the Hebrew Bible, taught in the interactive style of a modern language classroom. Hebrew 602C and 508 may not both be counted. Hebrew 602C and 509 may notboth be counted.

• 41220	MWF	1100 - 1200	CAL 323	
	TTH	1100 - 1230P	CAL 21	

HEB 320L HEBREW THROUGH THE MEDIA

Hebrew 346 (Topic: Hebrew through the Media) and 320L may not both be counted. Prerequisite: Hebrew 611C.

• 41225	MWF	100 - 200P	CAL 422	MAIMON, A

HEB 380C THE BIBLE IN HEBREW II

Course number may be repeated for credit when the topics vary. Taught in English. Prerequisite: Graduate standing and consent of instructor.

• 41230	T	200 - 500P	CAL 422	WILSON-WRIGHT, A

ISL 310 INTRODUCTION TO ISLAM

The beliefs, theology, history, and main social and legal institutions of Islam, including the concept of God and society, the role of women, and Islamic government and movements. Only one of the following may be counted: Asian Studies 301M (Topic 15),History 306N (Topic 7), Islamic Studies 310, Religious Studies 319. same as ANS 301M (TOPIC 15), HIS 306N (TOPIC 7), R S 319.

• 41285	TTH	1100 - 1230P	MEZ B0.306	MOIN, A

ISL 340 RELIGIONS OF THE MIDDLE EAST

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 41290	TTH	1100 - 1230P		AZAM, H

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5-ISLAMIC LAW
Course number may be repeated for credit when the topics vary. Designed to give students a foundation in the substantive teachings of the shariah, which comprises not only what we normally think of as law, but also ethics and etiquette. Only one of the following may be counted: Islamic Studies 340 (Topic: Islamic Law), 340 (Topic 5), Middle Eastern Languages and Cultures 321 (Topic: Islamic Law), 321 (Topic 19), Middle Eastern Studies 342 (Topic 27), Religious Studies 358 (Topic: Islamic Law), 358 (Topic 9), Women's and Gender Studies 340 (Topic: Islamic Law), 340 (Topic 27). Prerequisite: Varies with the topic. same as MEL 321 (TOPIC 19), MES 342 (TOPIC 27), R S 358 (TOPIC 9), WGS 340 (TOPIC 27).
• 41295 MW 1130 - 100P AYOUB, S

6-RELIGIONS OF MIDDLE EAST
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Islamic Studies 340 (Topic: Religions of the Middle East), 340 (Topic 6), Middle Eastern Languages and Cultures 321 (Topic 26), Middle Eastern Studies 322K (Topic: Religions of the Middle East), 342 (Topic 34), Religious Studies 358 (Topic: Religions of the Middle East), 358 (Topic 15). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as MEL 321 (TOPIC 26), MES 342 (TOPIC 34), R S 358 (TOPIC 15).
• 41300 TTH 1100 - 1230P UTC 3.122 AZAM, H

ISL 372 SEX/SEXUALITY MUSLIM WORLD
Course number may be repeated for credit when the topics vary. Islamic Studies 372 and 373 may not both be counted unless the topics vary. Prerequisite: Varies with the topic.
• 41305 TTH 200 - 330P BUR 136 SHIRAZI, F

11-SACRED & CEREMONL TEXTILES
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Textiles and material objects indigenous to the Islamic world, and what they reveal about the culture of various Islamic societies. Islamic Studies 372 and 373 may not both be counted unless the topics vary. Only one of the following may be counted: Anthropology 324L (Topic 29), Islamic Studies 372 (Topic 11), Middle Eastern Languages and Cultures 321 (Topic: Sacred and Ceremonial Textiles), 321 (Topic 34), Middle Eastern Studies 328 (Topic: Sacred and Ceremonial Textiles), Religious Studies 358 (Topic: Sacred and Ceremonial Textiles), 358 (Topic 11), Textiles and Apparel 355 (Topic: Sacred and Ceremonial Textiles), Women's and Gender Studies 340 (Topic: Sacred and Ceremonial Textiles), 340 (Topic 57). Prerequisite: Varies with the topic. same as ANT 324L (TOPIC 29), MEL 321 (TOPIC 34), R S 358 (TOPIC 11), WGS 340 (TOPIC 57).
• 41307 TTH 1230 - 200P JES A303A

21-HISTORY OF ISLAM IN THE US
Course number may be repeated for credit when the topics vary. A brief introduction to Islam. Defines the role of Islam and views of Muslims in the early history of the United States, and introduces students to major issues concerning contemporary American Muslims. Islamic Studies 372 and 373 may not both be counted unless the topics vary. Only one of the following may be counted: History 350R (Topic: History of Islam in the United States), 350R (Topic 22), Islamic Studies 372 (Topic: History of Islam in the United States), 372 (Topic 21), Religious Studies 346 (Topic: History of Islam in the United States), 346 (Topic 10). Prerequisite: Varies with the topic. same as HIS 350R (TOPIC 22), R S 346 (TOPIC 10).
• 41310 W 300 - 600P SPELLBERG, D

23-MUSLIM WOMEN IN POLITICS
Course number may be repeated for credit when the topics vary. Islamic Studies 372 and 373 may not both be counted unless the topics vary. Only one of the following may be counted: Anthropolgy 324L (Topic: Muslim Women in Politics), Islamic Studies 372 (Topic: Muslim Women in Politics), 372 (Topic 23), Religious Studies 358 (Topic: Muslim Women in Politics), 358 (Topic 19), Women's and Gender Studies 340 (Topic: Muslim Women in Politics), 340 (Topic 56). Prerequisite: Varies with the topic. same as R S 358 (TOPIC 19), WGS 340 (TOPIC 56). also meets with ANT 324L.
• 41315 TTH 1230 - 200P SHIRAZI, F

ISL 373 17-GRAF/PSTR ART: ISLAM WORLD
Course number may be repeated for credit when the topics vary. Islamic Studies 372 and 373 may not both be counted unless the topics vary. Only one of the following may be counted: Anthropology 324L (Topic: Graffiti/Poster Art: Islam World), 324L (Topic 59), Islamic Studies 373 (Topic: Graffiti/Poster Art: Islam World), 373 (Topic 17), Middle Eastern Languages and Cultures 321 (Topic: Graffiti/Poster Art: Islam World), 321 (Topic 36), Middle Eastern Studies 342 (Topic: Graffiti/Poster Art: Islam World), 342 (Topic 44), Religious Studies 358(Topic: Graffiti/Poster Art: Islam World), 358 (Topic 21), Women's and Gender Studies 340 (Topic: Graffiti/Poster Art: Islam World), 340 (Topic67). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as ANT 324L (TOPIC 59), MEL 321 (TOPIC 36), MES 342 (TOPIC 44), R S 358 (TOPIC 21), WGS 340 (TOPIC 67).
• 41320 TTH 200 - 330P SHIRAZI, F

ISL 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, following by research and writing to produce a substantial paper on a specific topic in Islamic studies to be completed during the second semester. Prerequisite: For 679HA, upper-division standing and admission to the Islamic Studies Honors Program; for 679HB, Islamic Studies 679HA.
• 41325

ISL 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, following by research and writing to produce a substantial paper on a specific topic in Islamic studies to be completed during the second semester. Prerequisite: For 679HA, upper-division standing and admission to the Islamic Studies Honors Program; for 679HB, Islamic Studies 679HA.
• 41330

MEL 301 GATEWAY TO THE MIDDLE EAST
• 41385 MWF 1100 - 1200 MEZ 1.120

MEL 321 BEFORE THE BIBLE
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: IslamicStudies 372, Middle Eastern Languages and Cultures 321, Middle Eastern Studies 342. Prerequisite: Varies with the topic. meets with MES 342, J S 363, R S 365.
• 41390 MWF 100 - 200P WEINBENDER, J

CONFLICT LIT/MEDIA MID EAST
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: IslamicStudies 372, Middle Eastern Languages and Cultures 321, Middle Eastern Studies 342. Prerequisite: Varies with the topic. meets with J S 363, C L 323, MES 342.
• 41395 MWF 1200 - 100P PAR 206 GREEN, R

19-ISLAMIC LAW
Course number may be repeated for credit when the topics vary. Designed to give students a foundation in the substantive teachings of the shariah, which comprises not only what we normally think of as law, but also ethics and etiquette. Only one of the following may be counted unless the topics vary: IslamicStudies 372, Middle Eastern Languages and Cultures 321, Middle Eastern Studies 342. Only one of the following may be counted: Islamic Studies 340 (Topic: Islamic Law), 340 (Topic 5), Middle Eastern Languages and Cultures 321 (Topic: Islamic Law), 321 (Topic 19), Middle Eastern Studies 342 (Topic 27), Religious Studies 358 (Topic: Islamic Law), 358 (Topic 9), Women's and Gender Studies 340 (Topic: Islamic Law), 340 (Topic 27). Prerequisite: Varies with the topic. same as ISL 340 (TOPIC 5), MES 342 (TOPIC 27), R S 358 (TOPIC 9), WGS 340 (TOPIC 27).
• 41400 MW 1130 - 100P AYOUB, S

21-PALESTINE & PALESTINIANS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: IslamicStudies 372, Middle Eastern Languages and Cultures 321, Middle Eastern Studies 342. Only one of the following may be counted: Arabic 360L (Topic: Palestine and the Palestinians), 360L (Topic 10), Middle Eastern Languages and Cultures 321 (Topic 21), Middle Eastern Studies 342 (Topic 31). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as MES 342 (TOPIC 31).
• 41405 T 200 - 500P PAR 101 MOHAMMAD, M

26-RELIGIONS OF MIDDLE EAST
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: IslamicStudies 372, Middle Eastern Languages and Cultures 321, Middle Eastern Studies 342. Only one of the following may be counted: Islamic Studies 340 (Topic: Religions of the Middle East), 340 (Topic 6), Middle Eastern Languages and Cultures 321 (Topic 26), Middle Eastern Studies 322K (Topic: Religions of the Middle East), 342 (Topic 34), Religious Studies 358 (Topic: Religions of the Middle East), 358 (Topic 15). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as ISL 340 (TOPIC 6), MES 342 (TOPIC 34), R S 358 (TOPIC 15).
• 41410 TTH 1100 - 1230P UTC 3.122 AZAM, H

36-GRAF/PSTR ART: ISLAM WORLD
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: IslamicStudies 372, Middle Eastern Languages and Cultures 321, Middle Eastern Studies 342. Only one of the following may be counted: Anthropology 324L (Topic: Graffiti/Poster Art: Islam World), 324L (Topic 59), Islamic Studies 373 (Topic: Graffiti/Poster Art: Islam World), 373 (Topic 17), Middle Eastern Languages and Cultures 321 (Topic: Graffiti/Poster Art: Islam World), 321 (Topic 36), Middle Eastern Studies 342 (Topic: Graffiti/Poster Art: Islam World), 342 (Topic 44), Religious Studies 358 (Topic: Graffiti/Poster Art: Islam World), 358 (Topic 21), Women's and Gender Studies 340 (Topic: Graffiti/Poster Art: Islam World), 340 (Topic67). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as ANT 324L (TOPIC 59), ISL 373 (TOPIC 17), MES 342 (TOPIC 44), R S 358 (TOPIC 21), WGS 340 (TOPIC 67).
• 41415 TTH 200 - 330P SHIRAZI, F

MEL 358Q SUPERVISED RESEARCH
Hour(s) to be arranged. May be repeated for credit. Supervised research experience in Middle Eastern languages, literatures and cultures. Prerequisite: Middle Eastern Languages and Cultures 301, and six hours of upper-division Arabic, Hebrew, Persian, or Turkish.
• 41420

MEL 379 CONFERENCE COURSE
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Middle Eastern languages and cultures. Prerequisite: Upper-division standing and consent of instructor.
• 41425

MEL 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by research and writing to produce a substantial paper on a literary or linguistic problem.

course	unique	days	time	room	instructor

Prerequisite: For 679HA, admission to the Middle Eastern Languages and Cultures Honors Program; for 679HB, Middle Eastern Languages and Cultures 679HA.
• 41430

MEL 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by research and writing to produce a substantial paper on a literary or linguistic problem. Prerequisite: For 679HA, admission to the Middle Eastern Languages and Cultures Honors Program; for 679HB, Middle Eastern Languages and Cultures 679HA.
• 41435

MEL 380C SYRIAC
Course number may be repeated for credit when the topics vary. Advanced studies in Middle Eastern languages. Prerequisite: Graduate standing; additional prerequisites may vary with the topic.
• 41440 TTH 930 - 1100 CAL 22 PAT-EL, N

MEL 381 SPACE AND PLACE IN LITERATURE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with MES 386, C L 382.
• 41445 M 200 - 500P BEN 1.118 GRUMBERG, K

MEL 389 CONF CRS MID EAST LANGS & CULS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study of selected problems in Middle Eastern languages and cultures. Prerequisite: Graduate standing, consent of the instructor and graduate adviser.
• 41450

MEL 393 COMPREHENSIVE EXAM PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing, and consent of the instructor and graduate adviser.
• 41455

MEL 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Middle Eastern languages and cultures and consent of the graduate adviser; for 698B, Middle Eastern Languages and Cultures 698A.
• 41460

MEL 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Middle Eastern languages and cultures and consent of the graduate adviser; for 698B, Middle Eastern Languages and Cultures 698A.
• 41465

MEL 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Middle Eastern languages and cultures and consent of the graduate adviser.
• 41470

MEL 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 41475

MEL 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 41480

MEL 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 41485

MEL 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Middle Eastern languages and cultures 399R, 699R, or 999R
• 41490

MEL 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Middle Eastern languages and cultures 399R, 699R, or 999R
• 41495

MEL 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Middle Eastern languages and cultures 399R, 699R, or 999R
• 41500

PRS 601C INTENSIVE PERSIAN I
First semester of intensive Persian language instruction. Persian 601C and 506 may not both be counted. Persian 601C and 507 may not both be counted. Restricted to non-native speakers of Persian.
• 41555 MWF 1100 - 1200 MEZ 1.206 SHAHSAVARI, A
TTH 1100 - 1230P JES A217A
• 41560 MWF 1200 - 100P MEZ 1.206
TTH 1230 - 200P MEZ 1.206

PRS 322K INTERMEDIATE PERSIAN I
Designed to accommodate 35 or fewer students. First semester of intermediate Persian language instruction. Not open to native speakers of Persian. Prerequisite: Persian 611C, 612C, or 512L with a grade of at least C.
• 41565 TTH 330 - 500P CAL 200 SHAHSAVARI, A

PRS 329 7-CLASSICS OF PERSIAN POETRY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of various aspects of Persian linguistics, literature, and culture. Conducted in Persian. Conducted in Persian. Only one of the following may be counted: Comparative Literature 323 (Topic: Classics of Persian Poetry), Middle Eastern Languages and Cultures 321 (Topic: Classics of Persian Poetry), Middle Eastern Studies 342 (Topic: Classics of Persian Poetry), Persian 329 (Topic 7). Prerequisite: Persian 612C or 322K. Additional prerequisite: Persian 611C or 612C with a grade of at least C.
• 41570 TTH 330 - 500P PAR 306 HILLMANN, M

PRS 389 CONF COURSE IN PERSIAN STUDIES
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Persian studies. Prerequisite: Graduate standing, consent of the graduate adviser, and consent of instructor.
• 41575

TUR 601C INTENSIVE TURKISH I
First semester of intensive Turkish language instruction. Turkish 601C and 506 may not both be counted. Turkish 601C and 507 may not both be counted. meets with TUR 381H.
• 41630 MWF 1000 - 1100 MEZ 1.120 OKUR, J
TTH 930 - 1100 CBA 4.332

TUR 320K INTERMEDIATE TURKISH I
Intermediate to high-level Turkish in four basic language skills: speaking, listening, reading, and writing. Turkish culture. Not open to native speakers of Turkish. Prerequisite: Turkish 611C or 412L with a grade of at least C. meets with TUR 381K.
• 41635 MWF 1100 - 1200 PAR 101 OKUR, J

TUR 130D TURKISH ACROSS DISCIPLINES
May be repeated for credit. Students read and discuss Turkish language materials related to the subject matter of another designated course. No more than three semester hours may be counted toward the major in either Middle Eastern Studies or Middle Eastern Languages and Culture. Prerequisite: Upper-division standing, Turkish 320L, and consent of instructor.
• 41640

TUR 381H INTENSV GRAD LANG INSTRUCTN I
Intensive cultural and literacy-focused training in Turkish at the beginning level in preparation for research in the Turkic-speaking world or with Turkish sources. Incoming students are placed in the appropriate level by means of a departmental placement test. Prerequisite: Graduate standing. meets with TUR 601C.
• 41645 MWF 1000 - 1100 MEZ 1.120 OKUR, J
TTH 930 - 1100 CBA 4.332

TUR 381K INTMED GRAD LANG INSTRUCTN I
Intensive cultural and literacy-focused training in Turkish at the intermediate level in preparation for research in the Turkic-speaking world or with Turkish sources. Includes an independent project component. Incoming students are placed in the appropriate level by means of a departmental placement test. Prerequisite: Graduate standing and Turkish 381J with a grade of at least B. meets with TUR 320K.
• 41650 MWF 1100 - 1200 PAR 101 OKUR, J

TUR 389 CONF COURSE IN TURKISH STUDIES
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Turkish studies. Prerequisite: Graduate standing, consent of the graduate adviser, and consent of instructor.
• 41655

DEPARTMENT OF NAVAL SCIENCE

Naval Science - N S

N S 000 DRILL
• 41710 TTH 700 - 930 CLA 0.130 GRUBB, J

N S 302 INTRODUCTION TO NAVAL SCIENCE
A general introduction to sea power and the naval service, including the mission, organization, regulations, warfare components, and personnel programs.
• 41715 MWF 900 - 1000 CLA 5.402 TEETS, B

N S 603A NAVAL SHIP SYSTEMS I
Introduction to types, structures, and purposes of naval ships and weapons systems.
• 41720 TTH 1100 - 1230P CLA 5.402 FLOYD, G

N S 315 NAVAL ENGINEERING
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Introduction to types, structures, and purposes of naval ships and systems. Naval Science 603 and 315 may not both be counted.
• 41724 TTH 1100 - 1230P CLA 5.402 FLOYD, G

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course	unique	days	time	room	instructor

N S 335 LEADERSHIP AND MANAGEMENT

Study of leadership and management theory in organizations, with emphasis on examining the leadership process in the context of the dynamic interaction of the leader, the followers, and the situation. Prerequisite: Consent of instructor.

• 41725	MWF	1000 - 1100	CLA 5.402	FLOYD, G

N S 369 NAVIGATION AND NAVAL OPS II

Study of the celestial sphere and nautical astronomy to determine positions on the earth by mathematical analysis, and an introduction to relative motion and the maneuvering board.

• 41730	MWF	1100 - 1200	CLA 5.402	FLOYD, G

DEPARTMENT OF PHILOSOPHY

Philosophy - PHL

PHL 301 INTRODUCTION TO PHILOSOPHY

A survey of principal topics and problems in areas such as ethics, theory of knowledge, and philosophy of religion. Philosophy 301 and 610QA may not both be counted. Primarily for lower-division students.

• 41785	MWF	1000 - 1100	WAG 302	
• 41790	TTH	200 - 300P	WAG 302	DOGRAMACI, S
	F	900 - 1000	WAG 307	
• 41795	TTH	200 - 300P	WAG 302	DOGRAMACI, S
	F	1000 - 1100	WAG 307	
• 41800	TTH	200 - 300P	WAG 302	DOGRAMACI, S
	F	1100 - 1200	WAG 307	
• 41805	TTH	200 - 300P	WAG 302	DOGRAMACI, S
	F	1200 - 100P	WAG 307	
• 41810	TTH	200 - 300P	WAG 302	DOGRAMACI, S
	F	100 - 200P	WAG 307	
• 41815	TTH	200 - 300P	WAG 302	DOGRAMACI, S
	F	200 - 300P	WAG 307	
• 41820	TTH	330 - 430P	WAG 302	PROOPS, I
	M	900 - 1000	WAG 307	
• 41825	TTH	330 - 430P	WAG 302	PROOPS, I
	M	1000 - 1100	WAG 307	
• 41830	TTH	330 - 430P	WAG 302	PROOPS, I
	M	1100 - 1200	WAG 307	
• 41835	TTH	330 - 430P	WAG 302	PROOPS, I
	M	1200 - 100P	WAG 307	
• 41840	TTH	330 - 430P	WAG 302	PROOPS, I
	M	100 - 200P	WAG 307	
• 41845	TTH	330 - 430P	WAG 302	PROOPS, I
	T	200 - 300P	WAG 307	

PHL 301K ANCIENT PHILOSOPHY

An introduction to the philosophical achievements of the ancient world, concentrating on Plato and Aristotle. Only one of the following may be counted: Classical Civilization 304C (Topic: Ancient Philosophy), 304C (Topic 6), Philosophy 301K. Primarily for lower-division students. same as C C 304C (TOPIC 6). also meets with CTI 310.

• 41850	MWF	900 - 1000	WAG 302	

PHL 301L EARLY MODERN PHILOSOPHY

An introduction to the philosophical achievements of the seventeenth andeighteenth centuries, concentrating on such figures as Descartes, Hume, and Kant. Primarily for lower-division students. meets with CTI 310.

• 41855	MW	1130 - 100P	GAR 0.128	DUNLOP, K

PHL 302C ETHICS AND ENLIGHTENMENT

A study of non-Western ethics, especially in Hindu and Buddhist traditions. Primarily for lower-division students.

• 41860	MW	1200 - 100P	WAG 302	BONEVAC, D
	F	1200 - 100P	WAG 210	
• 41865	MW	1200 - 100P	WAG 302	BONEVAC, D
	W	100 - 200P	WAG 210	
• 41870	MW	1200 - 100P	WAG 302	BONEVAC, D
	W	200 - 300P	WAG 210	

PHL 303 HUMAN NATURE

Theories of human nature, such as those of Plato, Christianity, Marxism,and existentialism. Modern psychological and biological theories are included, as the interplay of nature and nurture in determining human conduct is explored. Primarily for lower-division students.

• 41875	MWF	200 - 300P	CLA 0.106	

PHL 303M MIND AND BODY

Introduction to philosophical issues about the nature of mind and its relation to body: What is mind? Do people have free will? How does psychology relate to neuroscience? Primarily for lower-division students.

• 41880	TTH	1100 - 1200	WAG 101	TYE, M
	T	900 - 1000	WAG 307	
• 41885	TTH	1100 - 1200	WAG 101	TYE, M
	W	900 - 1000	WAG 307	
• 41890	TTH	1100 - 1200	WAG 101	TYE, M
	T	1000 - 1100	WAG 307	
• 41895	TTH	1100 - 1200	WAG 101	TYE, M
	W	1000 - 1100	WAG 307	
• 41900	TTH	1100 - 1200	WAG 101	TYE, M
	W	1100 - 1200	WAG 307	
• 41905	TTH	1100 - 1200	WAG 101	TYE, M
	T	1200 - 100P	WAG 307	

PHL 304 CONTEMPORARY MORAL PROBLEMS

Designed to accommodate 100 or more students. Philosophical examination of selected moral problems arising out of contemporary society and culture. Primarily for lower-division students.

• 41910	MW	1000 - 1100	WAG 101	KRECZ, C
	F	900 - 1000	CBA 4.342	
• 41915	MW	1000 - 1100	WAG 101	KRECZ, C
	F	900 - 1000	GAR 2.128	
• 41920	MW	1000 - 1100	WAG 101	KRECZ, C
	F	1000 - 1100	PAR 103	
• 41925	MW	1000 - 1100	WAG 101	KRECZ, C
	F	1000 - 1100	PAR 304	
• 41930	MW	1000 - 1100	WAG 101	KRECZ, C
	F	1100 - 1200	CBA 4.340	
• 41935	MW	1000 - 1100	WAG 101	KRECZ, C
	F	1100 - 1200	PAR 103	
• 41940	MW	1100 - 1200	WAG 101	KRECZ, C
	F	1100 - 1200	JES A217A	
• 41945	MW	1100 - 1200	WAG 101	KRECZ, C
	F	1100 - 1200	SZB 422	
• 41950	MW	1100 - 1200	WAG 101	KRECZ, C
	F	1200 - 100P	JES A203A	
• 41955	MW	1100 - 1200	WAG 101	KRECZ, C
	F	1200 - 100P	SZB 240	
• 41960	MW	1100 - 1200	WAG 101	KRECZ, C
	F	100 - 200P	CBA 4.342	
• 41965	MW	1100 - 1200	WAG 101	KRECZ, C
	F	100 - 200P	SZB 240	

CONTEMPORARY MORAL PROBLEMS

Designed to accommodate 35 or fewer students. Philosophical examination of selected moral problems arising out of contemporary society and culture. Primarily for lower-division students.

• 41970	MW	230 - 400P	WAG 302	SMITH, N

PHL 310 KNOWLEDGE AND REALITY

An introduction to basic issues in epistemology and metaphysics. Philosophy 310 and 610QA may not both be counted.

• 41975	TTH	930 - 1030	WAG 302	BUCHANAN, L
	W	1200 - 100P	WAG 307	
• 41980	TTH	930 - 1030	WAG 302	BUCHANAN, L
	W	100 - 200P	WAG 307	
• 41985	TTH	930 - 1030	WAG 302	BUCHANAN, L
	W	200 - 300P	WAG 307	

PHL 610QA PROBS OF KNOWLEDGE & VALUATION

Methods and aims of selected sciences, arts, and philosophy in the attainment of knowledge and in providing the basis for valuation. Philosophy 301 and 610QA may not both be counted; Philosophy 310 and 610QA may not both be counted; Philosophy 610QB and 318 may not both be counted. Restricted to students in the Plan II Honors Program. Prerequisite: For 610QA, admission to the Plan II Honors Program; for 610QB, Philosophy 610QA.

• 41990	TTH	1100 - 1230P	WAG 302	EVANS, M
	W	900 - 1000	WAG 210	
• 41995	TTH	1100 - 1230P	WAG 302	EVANS, M
	W	1000 - 1100	WAG 210	
• 42000	TTH	1100 - 1230P	WAG 302	EVANS, M
	W	1100 - 1200	WAG 210	
• 42005	MWF	100 - 200P	WAG 420	WOODRUFF, P
	F	900 - 1000	WAG 210	
• 42010	MWF	100 - 200P	WAG 420	WOODRUFF, P
	F	1000 - 1100	WAG 210	
• 42015	MWF	100 - 200P	WAG 420	WOODRUFF, P
	F	1100 - 1200	WAG 210	

PROBS OF KNOWLEDGE & VALUATION

Restricted to students registered under Plan II for the BA degree. Methods and aims of selected sciences, arts, and philosophy in the attainment of knowledge and in providing the basis for valuation. Philosophy 301 and 610QA may not both be counted; Philosophy 310 and 610QA may not both be counted; Philosophy 610QB and 318 may not both be counted. Restricted to students in the Plan II Honors Program. Prerequisite: For 610QA, admission to the Plan II Honors Program; for 610QB, Philosophy 610QA.

• 42020	TTH	1230 - 200P	WAG 302	PROOPS, I
	M	900 - 1000	WAG 210	
• 42025	TTH	1230 - 200P	WAG 302	PROOPS, I
	M	1000 - 1100	WAG 210	
• 42030	TTH	1230 - 200P	WAG 302	PROOPS, I
	M	1100 - 1200	WAG 210	

PHL 312 INTRODUCTION TO LOGIC

Logical structure of sentences and arguments; elementary symbolic methods; applications. May not be counted by students with prior credit for Philosophy 313, 313K, 313Q, or 344K.

• 42035	MWF	100 - 200P	WAG 201	

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course	unique	days	time	room	instructor

PHL 313 INTRODUCTORY SYMBOLIC LOGIC
Introduction to symbolic logic (through first-order predicate logic); interpretations; formal proofs, consistency; some practical applications. Only one of the following may be counted: Computer Science 313H, 313K, Philosophy 313, 313K, 313Q.

• 42040	MW	100 - 230P	WAG 302	DEVER, J
	T	900 - 1000	WAG 210	
• 42045	MW	100 - 230P	WAG 302	DEVER, J
	T	1000 - 1100	WAG 210	
• 42050	MW	100 - 230P	WAG 302	DEVER, J
	W	1200 - 100P	WAG 210	

PHL 313Q LOGIC AND SCIENTIFIC REASONING
Restricted to students registered under Plan II for the BA degree. Designed to accommodate 100 or more students. Introduction to formal proofs, semantics, quantifiers, inductive methods, decision theory, and scientific reasoning. Only one of the following may be counted: Computer Science 313H, 313K, Philosophy 313, 313K, 313Q. Philosophy 313Q and Tutorial Course 310 may not both be counted. Prerequisite: Admission to the Plan II Honors Program.

• 42055	TTH	330 - 500P	WAG 420	DOGRAMACI, S
	W	1000 - 1100	CBA 4.342	
• 42060	TTH	330 - 500P	WAG 420	DOGRAMACI, S
	W	1100 - 1200	CBA 4.342	
• 42065	TTH	330 - 500P	WAG 420	DOGRAMACI, S
	W	1200 - 100P	CBA 4.340	

PHL 317K INTRO TO PHILOS OF THE ARTS
Classic issues in the philosophy of art and beauty, illustrated from thefine arts and contemporary media: literature, drama, music, painting, film, and television.

• 42070	MWF	1100 - 1200	WAG 302	
• 42075	TTH	200 - 300P	JGB 2.216	HIGGINS, K
	TH	900 - 1000	WAG 210	
• 42080	TTH	200 - 300P	JGB 2.216	HIGGINS, K
	TH	900 - 1000	WAG 307	
• 42085	TTH	200 - 300P	JGB 2.216	HIGGINS, K
	TH	1000 - 1100	WAG 210	
• 42090	TTH	200 - 300P	JGB 2.216	HIGGINS, K
	TH	1000 - 1100	WAG 307	
• 42095	TTH	200 - 300P	JGB 2.216	HIGGINS, K
	TH	1100 - 1200	WAG 210	
• 42100	TTH	200 - 300P	JGB 2.216	HIGGINS, K
	TH	1100 - 1200	WAG 307	

PHL 318K INTRO TO POLITICAL PHILOSOPHY
Views of major political philosophers on humanity, nature, and society; discussions of contemporary political ideologies.

• 42105	MWF	900 - 1000	GAR 0.128	

PHL 321K THEORY OF KNOWLEDGE
Designed to accommodate 35 or fewer students. Systematic and detailed study of major issues in the theory of knowledge, such as the distinction between knowledge and belief, the criteria of knowledge, the justification of knowledge-claims, and perception. Prerequisite: Six semester hours of coursework in philosophy. Restricted to philosophy majors.

• 42110	MW	1130 - 100P	WAG 208	SMITH, N

PHL 322 SCIENCE AND THE MODERN WORLD
The historical development and impact of scientific ideas through the modern period to the present.

• 42115	TTH	200 - 300P	WAG 214	JUHL, C
	M	1200 - 100P	WAG 210	
• 42120	TTH	200 - 300P	WAG 214	JUHL, C
	M	100 - 200P	WAG 210	
• 42125	TTH	200 - 300P	WAG 214	JUHL, C
	M	200 - 300P	WAG 210	

PHL 323K METAPHYSICS
Problems of substance, change, categories of being, mind, body, space and time, approached either systematically or historically. Prerequisite: Six semester hours of coursework in philosophy. Restricted to philosophy majors.

• 42130	TTH	930 - 1100	WAG 208	LITLAND, J

PHL 323M PHILOSOPHY OF MIND
Problems concerning the nature of mind and mental phenomena: the relation between mind and body, knowledge of other minds, the computational model of mind, mental causation, intentionality, and consciousness. Prerequisite: Six semester hours of coursework in philosophy. Restricted to philosophy majors.

• 42135	TTH	1230 - 200P	WAG 208	MONTAGUE, M

PHL 325K ETHICAL THEORIES
Major traditional and contemporary ethical theories discussed and critically examined. Prerequisite: Six semester hours of coursework in philosophy.

• 42140	TTH	200 - 330P	WAG 208	EVANS, M

PHL 325L BUSINESS, ETHICS, AND PUBL POL
Issues in ethics and politics that are relevant to the organization of business and industry and the distribution of power in society; topics include the role of industry; concepts of profit, property, and moral responsibility.

• 42145	MWF	100 - 200P	WAG 214	KRECZ, C

PHL 325M MEDICINE, ETHICS, AND SOCIETY
Moral, legal, religious, and political implications of developments in medicine; topics include abortion, euthanasia, sterilization, psychosurgery, genetic engineering; concepts of health, cure, insanity, and death.

• 42150	TTH	200 - 330P	GAR 0.102	LEON, J

PHL 327 PHILOSOPHY OF RACE AND GENDER
Course number may be repeated for credit when the topics vary. Explores the currents of contemporary thought by focusing on philosophical areas, movements, or trends. Prerequisite: Varies with the topic.

• 42155	MWF	1000 - 1100	WAG 308	SMITH, N

SQUARING THE VIENNA CIRCLE
Course number may be repeated for credit when the topics vary. Explores the currents of contemporary thought by focusing on philosophical areas, movements, or trends. Prerequisite: Varies with the topic. meets with GSD 361F, C L 323 (TOPIC 18), EUS 347 (TOPIC 20).

• 42160	TTH	330 - 500P	GEA 114	ARENS, K

4-INTERPRETATION AND MEANING
Course number may be repeated for credit when the topics vary. Explores the currents of contemporary thought by focusing on philosophical areas, movements, or trends. Only one of the following may be counted: Philosophy 327 (Topic: Interpretation and Meaning), 327 (Topic 4), 375M (Topic: Interpretation and Meaning). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.

• 42165	TTH	1100 - 1230P	WAG 308	BUCHANAN, L

PHL 329K HIST OF ANCIENT PHILOSOPHY
Development of Western philosophy from the pre-Socratics to the early Christian era; emphasis on Plato and Aristotle. Classical Civilization 348 (Topic 4) and Philosophy 329K may not both becounted. Prerequisite: Six semester hours of coursework in philosophy. same as C C 348 (TOPIC 4).

• 42170	TTH	930 - 1100	PAR 301	LEON, J
	F	1100 - 1200	SZB 426	
• 42175	TTH	930 - 1100	PAR 301	LEON, J
	F	1200 - 100P	SZB 426	

PHL 329L EARLY MOD PHL: DESCARTES-KANT
Prerequisite: Six semester hours of coursework in philosophy.

• 42180	TTH	330 - 500P	PAR 301	MARTINICH, A
	F	900 - 1000	JES A216A	
• 42185	TTH	330 - 500P	PAR 301	MARTINICH, A
	F	1000 - 1100	JES A209A	

PHL 332 PHILOSOPHY OF LANGUAGE
Contemporary theories of meaning and linguistic structure, and their relationships to epistemology, metaphysics, and ethics. Prerequisite: Six semester hours of coursework in philosophy. Restricted to philosophy majors.

• 42190	MW	1000 - 1130	GDC 6.202	DEVER, J

PHL 334K MARX AND WESTERN MARXISM
Course number may be repeated for credit when the topics vary. Critical study of the philosophical implications of the works of selected modern thinkers from the nineteenth century to the present. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. meets with HIS 362G, EUS 346, CTI 335.

• 42195	M	300 - 600P	GAR 0.132	MATYSIK, T

PHL 347 PHILOSOPHY OF LAW
The significance and function of law in political and ethical contexts; comparison of common and statutory to scientific and moral law; readings from among Plato, Kant, Hegel, Bentham, Austin, Hart, Dworkin, Feinberg, and others.

• 42200	TTH	1230 - 200P	WAG 201	LEON, J

PHL 348 NATURAL THEOLOGY EAST AND WEST
Course number may be repeated for credit when the topics vary. Comparative and historical studies in the philosophical and religious traditions of the East. Prerequisite: Varies with the topic. meets with ANS 340.

• 42205	MWF	200 - 300P	WAG 308	PHILLIPS, S

PHL 363L PHILOSOPHY OF SCIENCE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 42210	TTH	330 - 500P	JES A207A	JUHL, C

PHL 375M BRITISH EMPIRICISM
Course number may be repeated for credit when the topics vary. Prerequisite: Nine semester hours of coursework in philosophy.

• 42215	M	200 - 500P	WAG 307	DUNLOP, K

NYAYA
Course number may be repeated for credit when the topics vary. Prerequisite: Nine semester hours of coursework in philosophy.

• 42220	W	300 - 600P	WAG 307	PHILLIPS, S

PHL 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by research andwriting to produce a substantial paper on a special topic in philosophy,to be completed during the second semester. Prerequisite: For 679HA, admission to the Philosophy Honors Program; for679HB, Philosophy 679HA.

• 42225				

PHL 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by research andwriting to produce a substantial paper on a special topic in philosophy,to

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be completed during the second semester. Prerequisite: For 679HA, admission to the Philosophy Honors Program; for679HB, Philosophy 679HA.
• 42230

PHL 379K CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Intensive tutorial study of selected problems in philosophy. Prerequisite: Nine semester hours of upper-division coursework in philosophy and consent of instructor and the undergraduate adviser in philosophy.
• 42235

PHL 380 EXPRESSION
Course number may be repeated for credit when the topics vary. Past topics include pragmatism; postmodernism; contemporary Marxism; critical theory. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42240 W 300 - 600P WAG 310 SOSA, E

PHL 381 HELLENISTIC PHILOSOPHY
Course number may be repeated for credit when the topics vary. Past topics include major figures and movements in ancient, medieval, early modern, and nineteenth- and twentieth-century philosophy. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42245 M 600 - 900P WAG 310 HANKINSON, R

HISTORY OF THE PROPOSITION
Course number may be repeated for credit when the topics vary. Past topics include major figures and movements in ancient, medieval, early modern, and nineteenth- and twentieth-century philosophy. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42250 M 1200 - 300P WAG 310 KOONS, R

LATER WITTGENSTEIN
Course number may be repeated for credit when the topics vary. Past topics include major figures and movements in ancient, medieval, early modern, and nineteenth- and twentieth-century philosophy. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42255 M 300 - 600P WAG 310 DEIGH, J

PHL 383C INTRO TO COGNITIVE SCIENCE
Designed to accommodate 35 or fewer students. Only one of the following may be counted: Cognitive Science 380 (Topic 1), Linguistics 392 (Topic 1), 393 (Topic: Introduction to Cognitive Science), 393 (Topic: Topics in Cognitive Science), Philosophy 383 (Topic: Introduction to Cognitive Science), 383C, Psychology 394U (Topic 3). Prerequisite: Graduate standing. same as CGS 380 (TOPIC 1), LIN 392 (TOPIC 1), PSY 394U (TOPIC 3).
• 42260 TTH 330 - 500P CLA 1.108 BEAVER, D

PHL 384F FIRST-YEAR SEMINAR
Central problems in philosophy. Prerequisite: Graduate standing in philosophy, or graduate standing and consent of the graduate adviser.
• 42265 TH 330 - 630P WAG 310 STRAWSON, G

PHL 385 AESTHETICS
Course number may be repeated for credit when the topics vary. Past topics include basic issues in value theory; the objectivity of value; literature and philosophy; philosophy of art; literary criticism. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42270 T 330 - 630P WAG 310 HIGGINS, K

PHL 386 PHILOSOPHY OF BIOLOGY
Course number may be repeated for credit when the topics vary. Past topics include basic issues in the philosophy of science; theories and explanations; philosophy of quantum mechanics; philosophy of the social sciences. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42275 T 1230 - 330P WAG 316A SARKAR, S

PHL 188 CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Mainly a reading course in the works of classical and modern philosophers. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42280

PHL 388 CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Mainly a reading course in the works of classical and modern philosophers. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42285

PHL 388C PROSPECTUS COURSE
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Mainly a reading course for development of a dissertation prospectus. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42290

PHL 391 GROUND, GRAIN/GENERALITY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Past topics include identity and substitutivity; philosophy of logic; discourse representation. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42295 T 1230 - 330P WAG 310 LITLAND, J

PHL 396W DISSERTATION SEMINAR
Offered on the credit/no credit basis only. May be repeated for credit. Intensive examination of selected dissertation topics: attention to research methods, presentation, structure, and argument. Student reports on current research. Restricted to doctoral students in philosophy. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42300 W 1200 - 300P WAG 310 STRAWSON, G

PHL 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. For 698A, graduate standing in philosophy, twelve semester hours of upper-division or graduate coursework in philosophy, and consent of the graduate adviser; for 698B, Philosophy 698A.
• 42305

PHL 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. For 698A, graduate standing in philosophy, twelve semester hours of upper-division or graduate coursework in philosophy, and consent of the graduate adviser; for 698B, Philosophy 698A.
• 42310

PHL 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in philosophy and consent of the graduate adviser.
• 42315

PHL 398T SUPV TEACHING IN PHILOSOPHY
Offered on the credit/no credit basis only. Teaching experience developed through an apprentice relationship between student and faculty member. Students may register for this course as many as four times, but only three semester hours of credit in this course may be applied toward a graduate degree. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42320 TH 1230 - 330P WAG 316A TYE, M

PHL 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42325

PHL 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42330

PHL 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42335

PHL 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Philosophy 399R, 699R, or 999R.
• 42340

PHL 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Philosophy 399R, 699R, or 999R.
• 42345

PHL 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Philosophy 399R, 699R, or 999R.
• 42350

PLAN II HONORS PROGRAM

Social Science - S S
Tutorial Course - T C

S S 302C HON SOC SCI:METHODS/THEORY
An introduction to the study of the individual, society, or culture using the methods and theories of one of the Social Sciences. Social Science 301 and 302C may not both be counted. Restricted to students in the Plan II Honors Program.
• 42405 TTH 930 - 1100 MEZ 1.120 CHAPMAN, T

S S 302F HON SOCIAL SCI: ECONOMICS
Designed to accommodate 35 or fewer students. An introduction to the study of the individual, society, or culture using the methods of the social science discipline of Economics. Social Science 301 and 302F may not both be counted. Restricted to students in the Plan II Honors Program.
• 42410 MW 1130 - 100P CBA 4.344 BOYARCHENKO, S
F 1200 - 100P CBA 4.344

T C 302 A HISTORY OF THE SELF
Restricted to students registered under Plan II for the BA degree. Small-group seminar involving reading, discussion, writing, and oral reporting around a central interdisciplinary topic. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics

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and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, or 303. Restricted to first-year Plan II students.
• 42465 TTH 330 - 500P CRD 007A MATYSIK, T

ATOMIC BOMB: HIST, FILM, & LIT
Restricted to students registered under Plan II for the BA degree. Small-group seminar involving reading, discussion, writing, and oral reporting around a central interdisciplinary topic. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, or 303. Restricted to first-year Plan II students. Topic title: THE ATOMIC BOMB IN HISTORY, FILM & LITERATURE
• 42470 MW 400 - 530P CRD 007B STOFF, M

COLLEGE AND CONTROVERSY
Restricted to students registered under Plan II for the BA degree. Small-group seminar involving reading, discussion, writing, and oral reporting around a central interdisciplinary topic. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, or 303. Restricted to first-year Plan II students.
• 42475 TTH 1100 - 1230P BUR 436B MICKENBERG, J

FREEDOM AND OBEDIENCE
Restricted to students registered under Plan II for the BA degree. Small-group seminar involving reading, discussion, writing, and oral reporting around a central interdisciplinary topic. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, or 303. Restricted to first-year Plan II students.
• 42480 TTH 1230 - 200P WAG 308 MARTINICH, A

IMMIGRATION & AMERICAN DREAM
Restricted to students registered under Plan II for the BA degree. Small-group seminar involving reading, discussion, writing, and oral reporting around a central interdisciplinary topic. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, or 303. Restricted to first-year Plan II students. Topic Title: IMMIGRATION AND THE AMERICAN DREAM
• 42485 TTH 200 - 330P PAR 210 GONZALEZ, J

LITERATURE AND BIOLOGY
Restricted to students registered under Plan II for the BA degree. Small-group seminar involving reading, discussion, writing, and oral reporting around a central interdisciplinary topic. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, or 303. Restricted to first-year Plan II students.
• 42490 TTH 1100 - 1230P CRD 007A MACDUFFIE, E

MORAL LEADERSHIP IN ECONOMICS
Restricted to students registered under Plan II for the BA degree. Small-group seminar involving reading, discussion, writing, and oral reporting around a central interdisciplinary topic. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, or 303. Restricted to first-year Plan II students.
• 42495 WF 100 - 230P CRD 007A HACKETT, J

WATER ETHICS/LAW/POLICY
Restricted to students registered under Plan II for the BA degree. Small-group seminar involving reading, discussion, writing, and oral reporting around a central interdisciplinary topic. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, or 303. Restricted to first-year Plan II students. Topic title: Water Ethics, Law, and Policy for the 21st Century.
• 42500 TTH 100 - 230P JON 6.257 COHEN, J

T C 310 MODES OF REASONING
Restricted to students registered under Plan II for the BA degree. Introduction to forms of quantitative reasoning: computer science, game theory, operations research, or statistics and probability. Philosophy 313Q and Tutorial Course 310 may not both be counted. Prerequisite: Admission to the Plan II Honors Program.
• 42505 TTH 1100 - 1230P PAR 305 KORNHABER, D

MODES OF REASONING
Restricted to students registered under Plan II for the BA degree. Introduction to forms of quantitative reasoning: computer science, game theory, operations research, or statistics and probability. Philosophy 313Q and Tutorial Course 310 may not both be counted. Prerequisite: Admission to the Plan II Honors Program. Titie Topic: Modes of reasoning: Medical problem-solving.
• 42510 TTH 200 - 330P SEA 4.242 LEWIS, M

T C 325 BRITISH HIST, LIT, AND POLITS
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Analysis of various topics within the arts and sciences through reading, research, written reports, and discussion. Prerequisite: Upper-division standing in the Plan II Honors Program or consent of instructor; additional prerequisites vary with the topic. Topic title: British history, literature, and politics. Topic description: Explore the geographic scope of the United Kingdom and its historical interactions with other societies including Asia, Africa, and early Ame rica. meets with LAH 350, HIS 366N (TOPIC 17).
• 42515 F 300 - 630P HRC 3.204 LOUIS, W

LEADERSHIP STRATEGY IN SPORTS
Restricted to students registered under Plan II for the BA degree. Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Analysis of various topics within the arts and sciences through reading, research, written reports, and discussion. Prerequisite: Upper-division standing in the Plan II Honors Program or consent of instructor; additional prerequisites vary with the topic. meets with LAH 350.
• 42520 TTH 200 - 330P CLA 0.108 ROBERTS, D

WRITING NONFICTION
Restricted to students registered under Plan II for the BA degree. Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Analysis of various topics within the arts and sciences through reading, research, written reports, and discussion. Prerequisite: Upper-division standing in the Plan II Honors Program or consent of instructor; additional prerequisites vary with the topic. Topic title: Writing nonfiction: The craft of writing profiles, narratives, and essays. Topic description: Intensive lecture course treating topics from a variety of disciplinary perspectives by instructors from vari ous departments. Lectures, readings, discussions, examinations. The craft of writing profiles, narratives, and essays. Concentration on the fundamental components of nonfiction: beginnings, organization, character de velopment, narrative flow, and conclusions. Additional prerequisite: Upper-division standing and a grade point average of at least 3.50. meets with LAH 350 (TOPIC 13).
• 42525 MWF 1100 - 1200 MEZ 1.104 CURTIS, G

T C 125K SUBJECTS IN ARTS & SCIENCES
Restricted to students registered under Plan II for the BA degree. Additional hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit. Analysis of subjects in the arts, sciences, and social sciences through reading, discussion, and lectures. Prerequisite: Upper-division standing in the Plan II Honors Program or consent of instructor.
• 42530 W 530 - 630P CLA 1.106 KOLASINSKI, J

T C 126 PLAN II/KIPP PARTNERSHIP
Restricted to students registered under Plan II for the BA degree. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Mentorship of younger students attending an Austin-area Knowledge Is Power Program (KIPP) school. Through mentoring and class meetings, students will be deeply immersed in issues related to education reform, (in)equality of educational opportunity, and in promising strategies, such as those used by KIPP, for addressing such issues. Restricted to students in the Plan II Honors Program. Prerequisite: Consent of instructor.
• 42535 W 1030 - 1230P CLA 2.606 KOLASINSKI, J

T C 330 HLTH SVC, SUPPRT, CARE/INFO
Restricted to students registered under Plan II for the BA degree. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Restricted to Plan II majors. Prerequisite: Consent of instructor. Topic title: Health service, support, care and information in the U.S. in the 21st century.
• 42540 TTH 200 - 330P CRD 007B BARNETT, C

T C 358 CONTEMPORARY CHINA: LIT & FILM
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing. Topic title: Contemporary China through literature and film.
• 42545 TTH 1100 - 1230P CRD 007B CHANG, S

DECENTERING CULTURE/POWER
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill de-

gree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing. Topic title: Decentering culture and power: Caribbean literature, music, and film.
• 42550 TTH 330 - 500P CLA 0.122 WETTLAUFER, A

DR/PATIENT/SOCIETY/CULTURE
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing. Topic title: The doctor, the patient, the society, and the culture.
• 42555 TTH 1230 - 200P CRD 007A SONNENBERG, S

INTELLIGENCE/NATL SEC POLICY
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing. Topic title: Intelligence and national security policy making.
• 42560 W 300 - 600P CRD 007A SLICK, S

LAW/ETHICS OF CLIMATE CHNG
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing. Topic Title: Law and ethics of climate change and sustainability.
• 42565 TTH 330 - 500P CRD 007B BURTON, W

LAW/ETHICS/BRAIN POLICIES
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing.
• 42570 M 1200 - 300P CRD 007A WINSLADE, W

PERSPCTVS ON US FOREIGN POLICY
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing. Topic title: Perspectives on United States foreign policy.
• 42575 TH 200 - 500P SRH 3.212 INMAN, B

REMEMBERING THE HOLOCAUST
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing.
• 42580 MW 230 - 400P CRD 007B CREW, D

SCIENCE AND PUBLIC POLICY
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing.
• 42585 MW 100 - 230P CRD 007B WAGNER, W

SPACE OPERA
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing.
• 42590 MWF 1200 - 100P CRD 007B HARNEY, M

UNDERSTANDING HUMAN EVOLUTION
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing.
• 42595 MWF 1000 - 1100 CRD 007A OCHMAN, H

WRITING NARRATIVES
Restricted to students registered under Plan II for the BA degree. Course number may be repeated for credit when the topics vary. Seminar sections of about fifteen students. The subjects vary, but in each the attempt is made through careful reading, discussion, and written work to analyze and compare varied approaches to topics of lasting importance. Students must take this course twice with different topics to fulfill degree requirements. May be repeated for credit when topics vary. Restricted to students in the Plan II Honors Program. Prerequisite: Upper-division standing.
• 42600 TTH 200 - 330P CRD 007A VALENTINE, M

T C 359T ESSAY COURSE
Restricted to students registered under Plan II for the BA degree. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Directed reading followed by the writing of an essay. Prerequisite: Two semesters of Tutorial Course 358 (or 357) and consent of the director. meets with T C 660HB.
• 42605 T 600 - 700P CLA 0.128

T C 660HA THESIS COURSE: HONORS
Restricted to students registered under Plan II for the BA degree. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Directed reading followed by the writing of a substantial essay. Prerequisite: For 660HA, two semesters of Tutorial Course 358 (or 357) and consent of the director; for 660HB, Tutorial Course 660HA.
• 42610 T 500 - 600P CLA 0.128

T C 660HB THESIS COURSE: HONORS
Restricted to students registered under Plan II for the BA degree. Additional hour(s) to be arranged. Directed reading followed by the writing of a substantial essay. Prerequisite: For 660HA, two semesters of Tutorial Course 358 (or 357) and consent of the director; for 660HB, Tutorial Course 660HA. meets with T C 359T.
• 42615 T 600 - 700P CLA 0.128

DEPARTMENT OF PSYCHOLOGY

Psychology - PSY

PSY 301 INTRO TO PSYCHOLOGY-HONORS
Restricted enrollment; contact the department for permission to register for this class. Basic problems and principles of human experience and behavior. Restricted to students in the Freshman Honors program.
• 42670 MWF 100 - 200P SEA 3.250 DOMJAN, W

INTRODUCTION TO PSYCHOLOGY
Designed to accommodate 35 or fewer students. Basic problems and principles of human experience and behavior.
• 42675 TTH 100 - 230P SEA 2.114 GOSLING, S

INTRODUCTION TO PSYCHOLOGY
Designed to accommodate 100 or more students. Basic problems and principles of human experience and behavior. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.
• 42680 TTH 330 - 500P GOSLING, S

PSY 304 INTRO TO CHILD PSYCHOLOGY
General introduction to physical, social, and cognitive development fromconception onward. Only one of the following may be counted: Psychology 304, 333D, Women's and Gender Studies 333D, 345 (Topic 6). Prerequisite: Psychology 301 with a grade of at least C.
• 42685 MWF 1200 - 100P CLA 0.112 REPP, A

PSY 305 INTRO TO COGNITIVE PSYCHOLOGY
Introduction to the study of how people perceive, act, communicate, and reason. Prerequisite: Psychology 301 with a grade of at least C.
• 42690 MWF 100 - 200P BUR 108 CARROLL, P

PSY 308 BIOPSYCHOLOGY
Introduction to the biological bases of psychological processes and behavior. Overview of the physiology and anatomy of the nervous system,followed by a survey of brain mechanisms of perception, cognition, learning, and emotion; biological perspectives on drug action and mental disease. Prerequisite: Psychology 301 with a grade of at least C.
• 42695 TTH 1100 - 1230P BUR 136 DOMINGUEZ, J

PSY 418 STATISTICS/RESEARCH DESIGN
Designed to accommodate 100 or more students. Survey of statistics, including central tendency, variability and inference, and scientific methodology used in psychological research. Prerequisite: Psychology 301 with a grade of at least C and credit for

one of the following: African and African Diaspora Studies 302M, Educational Psychology 371, Mathematics 302, 303D, 403K, 305G, 408C, 408K, 316; Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 328M (or Statistics and Scientific Computation 328M).

• 42700	TTH	1100 - 1230P	BUR 136	JOSEPHS, R
• 42705	TTH	1100 - 1230P	BUR 136	JOSEPHS, R
• 42710	TTH	1100 - 1230P	BUR 136	JOSEPHS, R
• 42715	TTH	1100 - 1230P	BUR 136	JOSEPHS, R
• 42720	TTH	1100 - 1230P	BUR 136	JOSEPHS, R

STATISTICS/RESEARCH DESIGN

Survey of statistics, including central tendency, variability and inference, and scientific methodology used in psychological research. Prerequisite: Psychology 301 with a grade of at least C and credit for one of the following: African and African Diaspora Studies 302M, Educational Psychology 371, Mathematics 302, 303D, 403K, 305G, 408C, 408K, 316; Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 328M (or Statistics and Scientific Computation 328M).

• 42725	MWF	1000 - 1100	SEA 2.108	CARROLL, P
	TH	1100 - 100P	SEA 2.114	
• 42730	MWF	1000 - 1100	SEA 2.108	CARROLL, P
	TH	1100 - 100P	SEA 2.122	
• 42735	MWF	1100 - 1200	SEA 2.108	CARROLL, P
	TH	900 - 1100	SEA 2.114	
• 42740	MWF	1100 - 1200	SEA 2.108	CARROLL, P
	TH	900 - 1100	SEA 2.122	
• 42745	MWF	100 - 200P	CMA 3.114	EVANS, J
	T	900 - 1100	SEA 2.114	
• 42750	MWF	100 - 200P	CMA 3.114	EVANS, J
	T	900 - 1100	SEA 2.122	
• 42755	MWF	200 - 300P	CMA 3.114	EVANS, J
	T	1100 - 100P	SEA 2.114	
• 42760	MWF	200 - 300P	CMA 3.114	EVANS, J
	T	1100 - 100P	SEA 2.122	

PSY 319K SOCIAL PSYCHOLOGY

Theory and research on the analysis of human conduct in social settings. Prerequisite: Psychology 301 with a grade of at least C.

• 42765	TTH	800 - 930	CLA 0.102	HENDERSON, M

PSY 332C HORMONES AND BEHAVIOR

Neuroscientific study of hormones and behavior in animals and humans. Includes sexual behavior, sexual differentiation, parental behavior, aggressive behavior, feeding and drinking, stress, learning, and memory. Psychology 332C and 341K (Topic: Hormones and Behavior) may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42770	MWF	100 - 200P	BUR 208	DELVILLE, Y

PSY 332D HUMAN BRAIN IMAGING IN PSYCH

Study of human brain imaging technologies such as fMRI and electrophysiology. Psychology 332D and 341K (Topic: Human Brain Imaging in Psychology) may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42775	TTH	330 - 500P	BUR 216	SCHNYER, D

PSY 333D INTRO TO DEVELOPMENTAL PSYCH

Physical, social, and cognitive development in humans. Only one of the following may be counted: Psychology 304, 333D, Women's and Gender Studies 333D, 345 (Topic 6). Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M). same as WGS 333D.

• 42780	TTH	1100 - 1230P	UTC 4.110	

INTRO TO DEVELOPMENTAL PSYCH

Designed to accommodate 100 or more students. Physical, social, and cognitive development in humans. Only one of the following may be counted: Psychology 304, 333D, Women's and Gender Studies 333D, 345 (Topic 6). Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M). Taught online during scheduled times. Includes live-streaming video andrequires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connectivity. same as WGS 333D.

• 42785	TTH	930 - 1100		CHURCH-LANG, J

PSY 337 PSYCHOLOGY OF LANGUAGE

Consideration of approaches to the study of language, its development inchildren, and its functioning; important research from psychology and linguistics. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42790	MWF	1200 - 100P	BUR 212	REEVES, L

PSY 341K DEVEL SCI OF ADOLESCENCE

Course number may be repeated for credit when the topics vary. Topics of contemporary interest that may vary from semester to semester. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42795	MW	300 - 430P		YEAGER, D

ETHICS, GENETICS/THE BRAIN

Course number may be repeated for credit when the topics vary. Topics of contemporary interest that may vary from semester to semester. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42800	TTH	1230 - 200P	SEA 2.108	CHAMPAGNE, F

INTRO EARLY CHILDHD INTERVEN

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Topics of contemporary interest that may vary from semester to semester. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at

least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M). meets with SED 378T, HDF 378K (TOPIC 6).

• 42805 M 500 - 800P CPE 2.210 MOYER-TRIMYER, R

PSYCHOQUANTOLOGY

Course number may be repeated for credit when the topics vary. Topics of contemporary interest that may vary from semester to semester. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42810 TTH 200 - 330P HIXON, J

4-HEALTH PSYCHOLOGY

Course number may be repeated for credit when the topics vary. Topics of contemporary interest that may vary from semester to semester. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42815 TTH 330 - 500P SEA 2.108 HOLAHAN, C

15-HIST OF MODERN PSYCHOLOGY

Course number may be repeated for credit when the topics vary. Topics of contemporary interest that may vary from semester to semester.A survey of the diverse roots of modern psychology, the competing schools that influenced psychology's development, and the perspectives that guide scholarship in present-day psychology. Psychology 341K (Topic 15) and 341K (Topic: History and Systems of Psychology) may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42820 MWF 1100 - 1200 SEA 3.250 EVANS, J

17-PSYCHOLOGY AND RELIGION

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics of contemporary interest that may vary from semester to semester.An exploration of the psychological processes involved in religion. Discusses seminal psychological theories of religion, such as the work of James, Freud, Jung, and Maslow. Discussion of empirical work includestopics such as the development of religion across the life span, religious experience, conversion, and the effects of religion on mental and physical health. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42825 MWF 1100 - 1200 SEA 3.250 DOMJAN, W

PSY 345 INDIVIDUAL DIFFERENCES

Study of person-to-person variation in intelligence, personality, and interests, with an emphasis on genetic and environmental determinants, developmental processes, and their relation to real-world outcomes. Psychology 341K (Topic: Individual Differences) and 345 may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42830 TTH 930 - 1100 TUCKER-DROB, E

PSY 352 ABNORMAL PSYCHOLOGY

Biological and social factors in the development and treatment of psychopathology. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42835 TTH 200 - 330P SEA 2.108 RAMIREZ, M

ABNORMAL PSYCHOLOGY

Designed to accommodate 100 or more students. Biological and social factors in the development and treatment of psychopathology. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M). Course meets online during scheduled class times and includes a live-streaming video component. Students are encouraged to visit http://www.laits.utexas.edu/tower/online/courses/ to test their computer and network co nnection and learn about the course structure.

• 42840 TTH 1100 - 1230P BRADBURY, K

PSY 353K PSYCHOPHARMACOLOGY

The pharmacology and the neurochemical, neurophysiological, and psychological effects of psychoactive drugs, with regard to their use astherapeutic and behavioral research tools. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42845 TTH 1230 - 200P CPE 2.204 LEE, H

PSY 355 COGNITION

Theoretical and critical analysis of the development, nature, and function of the thought process. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42850 MWF 200 - 300P REEVES, L

course unique days time room instructor

PSY 355C DEV OF CATEGORIES/CONCEPTS

Study of the historical and contemporary knowledge about the ways that people learn about concepts. Psychology 341K (Topic: Categories and Concepts) and 355C may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42855 MWF 1000 - 1100 SEA 3.250 REEVES, L

PSY 355M COGNITIVE PSYCHOLOGY OF MUSIC

Cognitive foundations of music in terms of physics of sound, the psychophysics of musical experience, perceptual organization of musical scenes, the perception of time through rhythm, and the ways in which music reflects natural form. Psychology 341K (Topic: Cognitive Psychology of Music) and 355M may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42860 TTH 1230 - 200P GILDEN, D

PSY 357 UNDERGRADUATE RESEARCH

Hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit. Supervised research experience. May not be counted toward a major in psychology. Prerequisite: At least thirty semester hours of college coursework, Psychology 301 with a grade of at least C, and consent of instructor.

• 42865

PSY 458 EXPERIMENTAL PSYCHOLOGY

Designed to accommodate 35 or fewer students. Techniques of psychological research illustrated in a series of laboratory experiments. Prerequisite: Upper-division standing, Psychology 301 and 418 with a grade of at least C in each, and a University grade point average of at least 3.25.

• 42870 MWF 100 - 300P SEA 5.118 GILDEN, D

PSY 158H HONORS RESEARCH TUTORIAL

Hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit. Enrollment restricted to students in the Psychology Honors Program. Prerequisite: Upper-division standing, Psychology 301 and 418 with a grade of at least C in each, and consent of the honors adviser.

• 42875

PSY 359H HONORS RESEARCH I

Prerequisite: Upper-division standing, Psychology 301 and 418 with a grade of at least C in each, six semester hours of upper-division coursework in psychology, a grade point average of at least 3.50 in psychology courses taken at the University, a University grade point average of at least 3.25, and consent of the honors adviser.

• 42880 TTH 330 - 500P SEA 4.242 ECHOLS, C

PSY 364 INTRO TO CLINICAL PSYCHOLOGY

Designed to accommodate 100 or more students. Introduction to techniques of assessment and treatment of psychopathology. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M). Basic problems and principles of human experience and behavior. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online /courses/ for additional information and to test your computer and internet connectivity.

• 42885 MWF 900 - 1000 BRADBURY, K

PSY 364P POSITIVE PSYCH/THE GOOD LIFE

A survey of the emerging field of positive psychology, including assessment and determinants of well-being; human strengths and virtues; the good life considered from evolutionary, economic, sociological, and cross-cultural perspectives; and applications to issues such as social change. Psychology 341K (Topic: Positive Psychology and the Good Life) and 364P may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42890 MWF 1000 - 1100 DOMJAN, W

• 42895 TTH 1100 - 1230P SEA 3.250 CARLSON, C

PSY 365G GENDER AND RACIAL ATTITUDES

Advanced introduction to the psychological study of gender and racial attitudes in children and adults, with emphasis on the causes, consequences, and revision of an individual's gender and racial stereotypes. Psychology 341K (Topic: Gender and Racial Attitudes) and 365G may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42900 TTH 930 - 1100 SEA 3.250 BIGLER, R

PSY 365L ADVANCED SOCIAL PSYCHOLOGY

Experimental research in social psychology, social influence, decision making, affiliation, risk taking, stress, and other subjects. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42905 TTH 930 - 1100 WAG 112 HENDERSON, M

PSY 371 LEARNING AND MEMORY

Analysis of theory and research in learning. Psychology 341K (Topic: Brain Mechanisms of Learning and Memory) and 371may not both be counted. Prerequisite: For psychology majors, upper-division standing and Psychology 301 and 418 with a grade of at least C in each; for others, upper-division standing, Psychology 301 with a grade of at least C, and one of the following with a grade of at least C: African and African Diaspora Studies 302M, Civil Engineering 311S, Economics 329, Educational Psychology 371, Electrical Engineering 351K, Government 350K, Mathematics 316, 362K, Mechanical Engineering 335, Psychology 317,Sociology 317L, Social Work 318, Statistics 309, Statistics and Data Sciences 301, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), 328M (or Statistics and Scientific Computation 328M).

• 42910 TTH 1100 - 1230P SEA 2.108 MONFILS, M

PSY 379H HONORS RESEARCH II

Prerequisite: Upper-division standing, Psychology 301 and 418 with a grade of at least C in each, Psychology 458 and 359H, and consent of the honors adviser.

• 42915 W 100 - 400P SEA 2.108 HOLAHAN, C

PSY 380C HUMAN NEUROPSYCHOLOGY

Basic issues in normal and abnormal human brain function reviewed with emphasis on disorders of higher cerebral functioning. Prerequisite: Graduate standing, and Psychology 383C or consent of instructor.

• 42920 W 500 - 800P SEA 4.242 HALEY, A

PSY 182K INTERNSHIP IN CLINICAL PSY

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Supervised practical experience in clinical assessment and treatment. Prerequisite: Admission to candidacy for the doctoral degree in clinical psychology.

• 42925

PSY 382K INTERNSHIP IN CLINICAL PSY

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Supervised practical experience in clinical assessment and treatment. Prerequisite: Admission to candidacy for the doctoral degree in clinical psychology.

• 42930

course unique days time room instructor

PSY 383C FUNCTIONAL NEUROANATOMY
An examination of the anatomy of the brain and spinal cord, emphasizing connections and functions of neural systems. Neuroscience 383C and Psychology 383C may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with NEU 383C.
• 42935 TTH 330 - 500P SEA 2.116 GONZALEZ-LIMA, F

PSY 383E AREA SMNR IN COGN NEUROSCIENCE
Offered on the credit/no credit basis only. May be repeated for credit. Current issues in cognitive neuroscience. Prerequisite: Graduate standing.
• 42940 F 1200 - 300P SEA 4.244 LEWIS-PEACOCK, J

PSY 184E AREA SEMINAR IN CLIN PSY
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 42945 M 1200 - 100P SEA 3.250 CARLSON, C

PSY 384M ADV STATISTICS: INFERENTIAL
Covers t-test, chi-square, analysis of variance, and nonparametric tests. Prerequisite: Graduate standing, an undergraduate statistics course, andconsent of instructor. same as NEU 384M.
• 42950 TTH 1100 - 1230P SEA 2.114 HIXON, J

PSY 384Q ADV APPLIED STATISTICS I
Coverage of advanced statistical techniques useful in the social sciences and beyond. Specific areas of focus include non-linear regression, robust analysis, mixed-model regression (hierarchical linear models), and principal components/factor analysis. Psychology 384Q and 394T (Topic: Advanced Applied Statistics I) may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 42955 W 900 - 1200 SEA 2.116 HIXON, J

PSY 384T STRUCTURAL EQUATION MODELING
Introduction to structural equation modeling. Psychology 384T and 394T (Topic: Structural Equation Modeling) may not both be counted. Prerequisite: Graduate standing and consent of instructor; and a workingunderstanding of multiple regression analysis.
• 42960 M 200 - 500P SEA 3.250 TUCKER-DROB, E

PSY 385E AREA SMNR IN DEV PSYCHOLOGY
Offered on the credit/no credit basis only. May be repeated for credit. Current issues in developmental psychology. Prerequisite: Graduate standing.
• 42965 M 1200 - 300P SEA 1.332

PSY 385P FUNDAMENTALS OF SOCIAL PSY
Survey of important theories and research in social psychology, with emphasis on current problems. A core course option. Prerequisite: Graduate standing and consent of instructor. meets with PSY 394W.
• 42970 W 100 - 400P SEA 3.250 SWANN, W

PSY 387C HUMAN LANGUAGE PROCESSING
An overview of current psycholinguistic research, primarily in the production and comprehension of spoken language by adults. A core course option. Psychology 387C and 394U (Topic: Human Language Process) may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 42975 T 1230 - 330P SEA 5.106 GRIFFIN, Z

PSY 387E AREA SMNR IN PERCEPTION
Offered on the credit/no credit basis only. May be repeated for credit. Current issues in perception, brain, and behavior psychology. Prerequisite: Graduate standing.
• 42980 M 1200 - 300P SEA 4.242 NAUHAUS, I

PSY 387N PERCEPTUAL SYSTEMS
Overview of theory and research in visual perception and perceptual information processing. A core course option. Prerequisite: Graduate standing and consent of instructor. meets with NEU 394P.
• 42985 W 900 - 1200 SEA 4.242 HAYHOE, M

PSY 388E AREA SMNR IN SOCIAL PSYCHOLOGY
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Current issues in social and personality psychology. Prerequisite: Graduate standing.
• 42990 W 400 - 700P SEA 3.250 HENDERSON, M

PSY 190 RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and twelve semester hours of upper-division coursework in psychology. Students must sign up in the Department of Psychology Graduate Office prior to registering.
• 42995

PSY 290 RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and twelve semester hours of upper-division coursework in psychology. Students must sign up in the Department of Psychology Graduate Office prior to registering.
• 43000

PSY 390 RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and twelve semester hours of upper-division coursework in psychology. Students must sign up in the Department of Psychology Graduate Office prior to registering.
• 43005

PSY 393 CLINICAL PRACTICUM I
Additional hour(s) to be arranged. Supervised practical experience in the use of clinical techniques. Prerequisite: Graduate standing, Psychology 389K, and consent of instructor.
• 43010 T 1200 - 300P CLA 4.510 LOPEZ, M

PSY 394P 1-CURR TPCS IN BEHAV NEUROSCI
Course number may be repeated for credit when the topics vary. Brain-behavior relationships, particularly recent research in behavioralneuroscience, including the anatomical and neurochemical mechanisms of behavioral events, and behavioral influences on the brain. Neuroscience 394P (Topic 1: Current Topics in Behavioral Neuroscience) and Psychology 394P (Topic 1) may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with NEU 394P (TOPIC 1).
• 43015 W 300 - 600P SEA 4.244 MONFILS, M

13-FNDTN OF HUMAN NEUROIMAGING
Course number may be repeated for credit when the topics vary. A survey of the foundations for neuroimaging research with a focus on cognitive neuroscience. Describes the physical methods of image acquisition and physiological mechanisms used for functional imaging. Emphasis on magnetic resonance methods for structural and functional imaging. Surveys other imaging modalities, including positron emission tomography (PET), optical, and EEG/MEG electrical source localization. Only one of the following may be counted: Biology 381K (Topic: Foundations of Neuroimaging), Neuroscience 385L (Topic 6), 394P (Topic: Foundations of Magnetic Resonance Imaging Research), Psychology 394P (Topic: Foundations of Magnetic Resonance Imaging Research), 394P (Topic 13). Prerequisite: Graduate standing and consent of instructor. meets with NEU 385L (TOPIC 6).
• 43020 TTH 1230 - 200P BUR 128 LUCI, J

16-QUANTIFYING BRAIN STRUCTURE
Course number may be repeated for credit when the topics vary. Concepts and hands-on applications for quantifying aspects of brain and cellular structure, with a focus on stereological approaches. Only one of the following may be counted: Neuroscience 385L (Topic 12: Quantifying Brain Structure), 394P (Topic: Quantitative Methods for Brain Structure), Psychology 394P (Topic 16), 394P (Topic: Quantitative Methods for Brain Structure). Prerequisite: Graduate standing and consent of instructor. meets with NEU 385L (TOPIC 12).
• 43025 F 400 - 700P SEA 3.250 JONES, T

PSY 194Q ETHICAL ISSUES IN PSYCHOLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 43030 M 900 - 1000 SEA 1.332

PSY 394Q ADV PRACT: STRESS & ANXIETY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 43035 F 100 - 400P CLA 4.510 SMITS, J

PRACTICUM IN CLINICAL NEUROPSY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 43040

4-ADV PRACTICUM IN CLIN PSYCH
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 43045

18-RSCH METHS IN CLINICAL PSY
Course number may be repeated for credit when the topics vary. Advanced training in research methodology as it pertains to the field ofclinical psychology. Prerequisite: Graduate standing and consent of instructor.
• 43050 TH 100 - 400P SEA 5.106 TELCH, M

PSY 394U PYTHON CODING FOR PSYCH SCI
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 43055 TTH 200 - 330P SEA 2.116 HAYASAKA, S

R PROGRMMING BEHAVIORAL SCI
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 43060 W 900 - 1200 SEA 5.106 CURLEY, J

3-INTRO TO COGNITIVE SCIENCE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Cognitive Science 380 (Topic 1), Linguistics 392 (Topic 1), 393 (Topic: Introduction to Cognitive Science), 393 (Topic: Topics in Cognitive Science), Philosophy 383 (Topic: Introduction to Cognitive Science), 383C, Psychology 394U (Topic 3). Prerequisite: Graduate standing and consent of instructor. same as CGS 380 (TOPIC 1), LIN 392 (TOPIC 1), PHL 383C.
• 43065 TTH 330 - 500P CLA 1.108 BEAVER, D

14-TOPICS IN SYSTEMS NEUROSCI
Course number may be repeated for credit when the topics vary. Focuses on one or two topics and examines them in depth through group discussions of key scientific manuscripts. Discusses both classical studies and contemporary research. Only one of the following may be counted: Neuroscience 394P (Topic 8: Topics in Systems Neuroscience), Psychology 394U (Topic 14), 394U (Topic: Advanced Topics in Systems Neuroscience). Prerequisite: Graduate standing and consent of instructor.
• 43070 M 300 - 600P SEA 4.242 GORIS, R

18-ADV TPCS IN PERCEPTUAL SYS
Course number may be repeated for credit when the topics vary. Readings, talks, and discussions on perceptual systems. Prerequisite: Graduate standing and consent of instructor.
• 43075 W 1100 - 200P SEA 4.242 GEISLER, W

April 3, 2026

course unique days time room instructor

PSY 394W FNDTNS OF SOCIAL PSYCHOLOGY
Offered on the credit/no credit basis only. Examine key theories and research in social psychology, from classic to current approaches. Psychology 394V (Topic: Foundations of Social Psychology) and 394W may not both be counted. Prerequisite: Graduate standing and consent of graduate adviser. meets with PSY 385P.
• 43080 W 100 - 400P SEA 3.250 SWANN, W

PSY 396 ADVANCED BEHAVIOR PATHOLOGY
Evaluation of the experimental and theoretical literature concerning major behavioral disorders. A core course option. Prerequisite: Graduate standing and consent of instructor.
• 43085 W 200 - 500P SEA 5.106 TELCH, M

PSY 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in psychology, twelve semesterhours of upper-division or graduate coursework in psychology, and consent of the graduate adviser; for 698B, Psychology 698A.
• 43090

PSY 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in psychology, twelve semesterhours of upper-division or graduate coursework in psychology, and consent of the graduate adviser; for 698B, Psychology 698A.
• 43095

PSY 398T SUPERVISED TEACHING IN PSY
Teaching under close supervision of course instructor for two semesters; weekly meetings of two to four hours during the semester; individual consultation and reports throughout the teaching period. Prerequisite: Graduate standing and appointment as a teaching assistant.
• 43100 T 500 - 800P SEA 3.250 BIGLER, R

PSY 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 43105

PSY 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 43110

PSY 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 43115

PSY 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Psychology 399R, 699R, or 999R.
• 43120

PSY 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Psychology 399R, 699R, or 999R.
• 43125

PSY 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Psychology 399R, 699R, or 999R.
• 43130

DEPARTMENT OF RELIGIOUS STUDIES

Religious Studies - R S

R S 302 HISTORY OF RELIGIONS OF ASIA
Eastern religions: an introduction to the basic forms and the historicaldevelopment of the religious traditions of India, China, and Japan. same as ANS 301R.
• 43184 MWF 900 - 1000 UTC 3.122 FREIBERGER, O

R S 306 MAGIC AND POWER IN PRAGUE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with HIS 306N (TOPIC 14), REE 302 (TOPIC 2).
• 43185 MWF 900 - 1000 GEA 127 ROBERTS, J

R S 310 INTRO TO THE STUDY OF RELIGION
Introduction to scholarly methods in the study of religion. Only one of the following may be counted: Asian Studies 301M (Topic 5: Introduction to the Study of Religion), Religious Studies 310, Sociology313K.
• 43190 TTH 930 - 1100 UTC 3.110 SEALES, C
• 43195 MWF 1200 - 100P

R S 313M JEWISH CIV: BEGIN TO 1492
Introduction to the history, culture, and religion of the Jewish people from around 1000 BC to the end of the medieval period. Subjects may include ancient Israel, late Second Temple sectarianism, the rise of Christianity, rabbinic Judaism, medieval Jewish philosophy, Jewish mysticism, and Hebrew poetry. Only one of the following may be counted: History 306N (Topic: Jewish Civilization I), 306N (Topic 10), Jewish Studies 304M, 311 (Topic: Jewish Civilization I), Middle Eastern Studies 310 (Topic: Jewish Civilization: Beginnings to 1492), 310 (Topic 6), Religious Studies 313 (Topic: Jewish Civilization I), 313M. same as HIS 306N (TOPIC 10), J S 304M, MES 310 (TOPIC 6).
• 43200 TTH 930 - 1100 PAR 304 SCHOFER, J

R S 314K MID EAST: REL/CUL/HIST FND
A survey of the history and civilization of the Middle East from the sixth to the fourteenth century. Only one of the following may be counted: History 306K, Middle Eastern Studies 301K, Religious Studies 314 (Topic: Intro M East: Rel/Cul/Hist Fnd), 314K. same as HIS 306K, MES 301K.
• 43205 TTH 200 - 330P GEA 105 AGBARIA, A

R S 315 1-THE BIBLE & ITS INTERPRETERS
Course number may be repeated for credit when the topics vary. Seeks to develop a wide-ranging familiarity with the Jewish and Christian Bibles and with the dominant modes of ancient, medieval, and early modern biblical interpretation. Readings include an extensive range of primary sources, including both the Scriptures themselves and some of their most influential exegetes. Only one of the following may be counted: Core Texts and Ideas 304 (Topic 1), Religious Studies 315 (Topic: The Bible and Its Interpreters), Religious Studies 315 (Topic 1). Prerequisite: Varies with the topic. same as CTI 304 (TOPIC 1).
• 43210 MWF 1000 - 1100 WAG 208 LANDAU, B
• 43215 MWF 1100 - 1200 BUR 208
• 43220 MWF 1100 - 1200 CLA 0.106 YOO, P
• 43225 TTH 1100 - 1230P GDC 2.410 KAPLAN, J
• 43230 MWF 100 - 200P GAR 0.128
• 43235 TTH 200 - 330P JES A303A SCHOFER, J

R S 315N INTRO TO THE NEW TESTAMENT
Designed to accommodate 35 or fewer students. Examines representative examples of the texts found in the Christian New Testament and selected noncanonical writings. Focuses on historical setting and systematic methods of interpretation. Only one of the following may be counted: Classical Civilization 304C (Topic: Introduction to the New Testament), Religious Studies 315 (Topic: Introduction to the New Testament), 315N.
• 43240 MWF 1200 - 100P GAR 0.132 HENRIQUES, J

INTRO TO THE NEW TESTAMENT
Designed to accommodate 100 or more students. Examines representative examples of the texts found in the Christian New Testament and selected noncanonical writings. Focuses on historical setting and systematic methods of interpretation. Only one of the following may be counted: Classical Civilization 304C (Topic: Introduction to the New Testament), Religious Studies 315 (Topic: Introduction to the New Testament), 315N. meets with C C 304C, CTI 310.
• 43245 TTH 1230 - 200P ART 1.102 LANDAU, B

R S 316U 1-HIST OF RELIGION IN THE US
Course number may be repeated for credit when the topics vary. Explores instances of religious dominance and religious diversity in United States history. Moving from the pre-colonial period to the present, it examines the changing circumstances of several religious communities, including American Indians and Puritans, Protestant evangelicals, Mormons, Roman Catholics, Jews, Muslims, and Hindus. Only one of the following may be counted: American Studies 315 (Topic: History of Religion in the United States), 315 (Topic 5), History 317L (Topic: History of Religion in the United States), 317L (Topic 16), Religious Studies 316U (Topic: History of Religion in the United States), 316U (Topic 1). Prerequisite: Varies with the topic. same as AMS 315 (TOPIC 5), HIS 317L (TOPIC 16).
• 43250 MWF 900 - 1000

R S 319 INTRODUCTION TO ISLAM
The beliefs, theology, history, and main social and legal institutions of Islam, including the concept of God and society, the role of women, and Islamic government and movements. Only one of the following may be counted: Asian Studies 301M (Topic 15),History 306N (Topic 7), Islamic Studies 310, Religious Studies 319. same as ANS 301M (TOPIC 15), HIS 306N (TOPIC 7), ISL 310.
• 43255 TTH 1100 - 1230P MEZ B0.306 MOIN, A

R S 346 US MUSIC/RELIGIOUS IDENTITY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MUS 376G, AMS 325.
• 43260 MW 230 - 400P PHR 2.114 ROBERTS, J

6-EVANGELICAL CHRISTIANITY
Course number may be repeated for credit when the topics vary. An introduction to the intellectual and social sources of evangelical Protestant traditions in the United States, their varieties of belief and practice, and their role in the wider Christian community and American society. Only one of the following may be counted: American Studies 327 (Topic: Evangelical Christianity), 327 (Topic 5), Religious Studies 346 (Topic: Evangelical Christianity), 346 (Topic 6). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as AMS 327 (TOPIC 5).
• 43265 TTH 1100 - 1230P MEZ 1.204 SEALES, C

10-HISTORY OF ISLAM IN THE US
Course number may be repeated for credit when the topics vary. A brief introduction to Islam. Defines the role of Islam and views of Muslims in the early history of the United States, and introduces students to major issues concerning contemporary American Muslims. Only one of the following may be counted: History 350R (Topic: History of Islam in the United States), 350R (Topic 22), Islamic Studies 372 (Topic: History of Islam in the United States), 372 (Topic 21), Religious Studies 346 (Topic: History of Islam in the United States), 346 (Topic 10). Prerequisite: Varies with the topic. same as HIS 350R (TOPIC 22), ISL 372 (TOPIC 21).
• 43270 W 300 - 600P SPELLBERG, D

April 3, 2018

course unique days time room instructor

R S 353 ART AND ARCH OF LATE ANTIQUITY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 43275 MWF 1000 - 1100 DFA 2.204 PEERS, G

2-PAUL AND HIS SOCIAL WORLD
Course number may be repeated for credit when the topics vary. Examines the life and letters of the first-century Jewish missionary Paul by interpreting his own writings within the context of diaspora Judaism and the broader Greco-Roman world. Also explores his legacy within the context of early church history. Only one of the following may be counted: Classical Civilization 348 (Topic: Paul and His Social World), Jewish Studies 364 (Topic: Paul and His Social World), Religious Studies 353 (Topic: Paul and His Social World), 353 (Topic 2). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 43280 MW 230 - 400P JGB 2.202 SMITH, G

R S 353E BEYOND THE NEW TESTAMENT
Study of early Christian writings that were not included in the Christian Bible. Examines issues such as the effect of narrative, religion and violence, gendered expectations for women and men, the uses of fantasy literature, and religious authority. Emphasis on systematic methods for disciplined interpretation. Only one of the following may be counted: Classical Civilization 348 (Topic: Beyond the New Testament), Religious Studies 353 (Topic: Beyond the New Testament), 353E. Prerequisite: Upper-division standing. meets with C C 348.
• 43285 MWF 1100 - 1200 CLA 1.102 LANDAU, B

R S 357 JEWISH FOLKLORE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with J S 363, GSD 360, ANT 325L, REE 325.
• 43290 TTH 1230 - 200P GDC 5.304 GOTTESMAN, Y

5-GEOG RELIGION E EURO/RUSSIA
Course number may be repeated for credit when the topics vary. A comprehensive overview of major religious culture regions in the former Eastern bloc countries. Only one of the following may be counted: Geography 356T (Topic: Geography of Religion in Eastern Europe and Russia), 356T (Topic 14); Religious Studies 357 (Topic: Geography of Religion in Eastern Europe and Russia), 357 (Topic 5); Russian, East European, and Eurasian Studies345 (Topic: Geography of Religion in Eastern Europe and Russia), 345 (Topic 9). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 356T (TOPIC 14), REE 345 (TOPIC 9).
• 43295 TTH 200 - 330P BUR 220 JORDAN, B

11-REMBRT/RUBENS: N BAROQ ART
Course number may be repeated for credit when the topics vary. Northern European art in the seventeenth century, stressing the Netherlands and Flanders. Only one of the following may be counted: Art History 333L, European Studies 347 (Topic: The Age of Rembrandt and Rubens: Northern Baroque Art), 347 (Topic 31), Religious Studies 357 (Topic: The Age of Rembrandt and Rubens: Northern Baroque Art), 357 (Topic 11). Prerequisite: Varies with the topic. same as ARH 333L, EUS 347 (TOPIC 31).
• 43300 MWF 900 - 1000 DFA 2.204 SMITH, J

R S 358 9-ISLAMIC LAW
Course number may be repeated for credit when the topics vary. Designed to give students a foundation in the substantive teachings of the shariah, which comprises not only what we normally think of as law, but also ethics and etiquette. Only one of the following may be counted: Islamic Studies 340 (Topic: Islamic Law), 340 (Topic 5), Middle Eastern Languages and Cultures 321 (Topic: Islamic Law), 321 (Topic 19), Middle Eastern Studies 342 (Topic 27), Religious Studies 358 (Topic: Islamic Law), 358 (Topic 9), Women's and Gender Studies 340 (Topic: Islamic Law), 340 (Topic 27). Prerequisite: Varies with the topic. same as ISL 340 (TOPIC 5), MEL 321 (TOPIC 19), MES 342 (TOPIC 27), WGS 340 (TOPIC 27).
• 43305 MW 1130 - 100P AYOUB, S

15-RELIGIONS OF MIDDLE EAST
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Islamic Studies 340 (Topic: Religions of the Middle East), 340 (Topic 6), Middle Eastern Languages and Cultures 321 (Topic 26), Middle Eastern Studies 322K (Topic: Religions of the Middle East), 342 (Topic 34), Religious Studies 358 (Topic: Religions of the Middle East), 358 (Topic 15). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as ISL 340 (TOPIC 6), MEL 321 (TOPIC 26), MES 342 (TOPIC 34).
• 43310 TTH 1100 - 1230P UTC 3.122 AZAM, H

19-MUSLIM WOMEN IN POLITICS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Anthropolgy 324L (Topic: Muslim Women in Politics), Islamic Studies 372 (Topic: Muslim Women in Politics), 372 (Topic 23), Religious Studies 358 (Topic: Muslim Women in Politics), 358 (Topic 19), Women's and Gender Studies 340 (Topic: Muslim Women in Politics), 340 (Topic 56). Prerequisite: Varies with the topic. same as ISL 372 (TOPIC 23), WGS 340 (TOPIC 56). also meets with ANT 324L.
• 43315 TTH 1230 - 200P SHIRAZI, F

21-GRAF/PSTR ART: ISLAM WORLD
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Anthropology 324L (Topic: Graffiti/Poster Art: Islam World), 324L (Topic 59), Islamic Studies 373 (Topic: Graffiti/Poster Art: Islam World), 373 (Topic 17), Middle Eastern Languages and Cultures 321 (Topic: Graffiti/Poster Art: Islam World), 321 (Topic 36), Middle Eastern Studies 342 (Topic: Graffiti/Poster Art: Islam World), 342 (Topic 44), Religious Studies 358 (Topic: Graffiti/Poster Art: Islam World), 358 (Topic 21), Women's and Gender Studies 340 (Topic: Graffiti/Poster Art: Islam World), 340 (Topic67). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as ANT 324L (TOPIC 59), ISL 373 (TOPIC 17), MEL 321 (TOPIC 36), MES 342 (TOPIC 44), WGS 340 (TOPIC 67).
• 43320 TTH 200 - 330P SHIRAZI, F

R S 362 INDEP RSCH IN RELIGIOUS STDS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Faculty-directed research. Prerequisite: Upper-division standing and consent of instructor.
• 43325

R S 365 BEFORE THE BIBLE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MEL 321, J S 363, MES 342.
• 43330 MWF 100 - 200P WEINBENDER, J

R S 366 2-RELIGIONS OF THE CARIBBEAN
Course number may be repeated for credit when the topics vary. Examines the histories and politics of religious practices in the Greater Caribbean, encompassing the islands and Central American coasts as well as the continental diasporas, from Vodou and Rastafari to popular Hinduism. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: Religions of the Caribbean), Anthropology 324L (Topic: Religions of the Caribbean), Latin American Studies 324L (Topic: Religions of the Caribbean), Religious Studies 366 (Topic: Religions of the Caribbean), 366 (Topic 2). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 43335 TTH 1230 - 200P GDC 2.210 CROSSON, J

R S 373 HISTORY OF CHRISTMAS
Course number may be repeated for credit when the topics vary. Religious Studies 373 and 375S may not both be counted unless the topics vary. Prerequisite: Varies with the topic.
• 43340 MWF 900 - 1000 PAR 1 LANDAU, B

OCCULTISM AND MODERNITY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Religious Studies 373 and 375S may not both be counted unless the topics vary. Prerequisite: Varies with the topic.
• 43344 TTH 330 - 500P CMA 5.190

RELG ETHICS/HUMAN RIGHTS
Course number may be repeated for credit when the topics vary. Religious Studies 373 and 375S may not both be counted unless the topics vary. Prerequisite: Varies with the topic.
• 43345 TTH 1100 - 1230P GAR 1.134 SCHOFER, J

R S 373M BIOMEDICINE, ETHICS, & CUL
Designed to accommodate 100 or more students. Examines ethical questions such as the allocation of medical resources, stem cell research and cloning, organ transplantation, abortion, human experimentation, prolonging life and the right to die, suicide, euthanasia, and diagnosis and treatment of illnesses, explored from a global perspective. Only one of the following may be counted: Anthropology 324L (Topic: Biomedicine, Ethics, and Culture), Asian Studies 361 (Topic: Biomedicine, Ethics, and Culture), 361 (Topic 29), Religious Studies 373 (Topic: Biomedicine, Ethics, and Culture), 373M. Prerequisite: Upper-division standing. same as ANS 361 (TOPIC 29). also meets with ANT 324L.
• 43350 MWF 900 - 1000 BUR 208 TRAPHAGAN, J

R S 375S 2-COMPARING RELIGIONS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Discussion and research-based study of topics in religious studies. Includes theoretical approaches to the study of religion. A discussion of major comparative approaches in the study of religion. Religious Studies 373 and 375S may not both be counted unless the topics vary. Only one of the following may be counted: Asian Studies 340 (Topic: Introduction to Comparative Religion), 340 (Topic 11), 379 (Topic 10), Religious Studies 373 (Topic: Introduction to Comparative Religion), 375S (Topic 2). Prerequisite: Upper-division standing and at least six semester hours of coursework in religious studies. Additional prerequisite: For Asian studies majors, twelve semester hours of upper-division coursework in Asian studies; for others, upper-division standing and at least six semester hours of coursework inreligious studies. same as ANS 379 (TOPIC 10).
• 43354 W 400 - 700P PAR 103 FREIBERGER, O

R S 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by research andwriting to produce a substantial paper on a specific topic in religious studies, to be completed during the second semester. Prerequisite: For 679HA, upper-division standing and admission to the Religious Studies Honors Program; for 679HB, Religious Studies 679HA.
• 43355

R S 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual reading for one semester, followed by research andwriting to produce a substantial paper on a specific topic in religious studies, to be completed during the second semester. Prerequisite: For 679HA, upper-division standing and admission to the Religious Studies Honors Program; for 679HB, Religious Studies 679HA.
• 43360

R S 381 CONFERENCE CRSE IN RELIG STDS
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 43365

course	unique	days	time	room	instructor

R S 383C NON-HUMAN AGENCY
Course number may be repeated for credit when the topics vary. Advanced treatment of selected problems, topics, or themes concerning comparative approaches to the study of religion. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAS 391, ANT 391.
• 43370 TH 300 - 600P BUR 554 CROSSON, J

R S 383M THRY & METH IN STUDY OF RELIG
Introduction to the history of the discipline, discussion of classical interpretative works, and examination of current theoretical and methodological developments in the field. Religious Studies 383 (Topic: Theory and Method in the Study of Religion) and 383M may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43375 T 200 - 500P BUR 554 MOIN, A

R S 384D DOCTRL SMNR IN RELIGIOUS STDS
Advanced seminar designed to introduce students to the profession of religious studies. Includes development and preparation of a dissertation proposal, placing scholarship within a broader theoretical context,and pedagogical issues in teaching religious studies at the undergraduate college level. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43380 T 200 - 500P GAR 2.124 NEWMAN, M

R S 387M PAULINE EPSTLS/GRK EPSTLGPY
Course number may be repeated for credit when the topics vary. Advanced treatment of selected problems, topics, or themes in the study of the religions of the ancient Mediterranean world. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43385 TTH 1100 - 1230P BUR 512 WHITE, L

SMNRS IN ANC MEDITERRAN RELIGS
Course number may be repeated for credit when the topics vary. Advanced treatment of selected problems, topics, or themes in the study of the religions of the ancient Mediterranean world. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43390 F 100 - 400P BUR 554 SMITH, G

R S 390T ISLAMIC FEMINISM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced treatment of selected problems, topics, or themes concerning religion in Europe and the Middle East. Prerequisite: Graduate standing and consent of the graduate adviser. meets with MES 386.
• 43395 T 200 - 500P MEZ 1.202 AZAM, H

R S 392T TPCS IN RELIG IN THE AMERICAS
Course number may be repeated for credit when the topics vary. Advanced treatment of selected problems, topics, or themes concerning religion in the Americas. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43400 M 200 - 500P BUR 554 GRABER, J

R S 396E EXAMINATION PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Designed for religious studies doctoral students preparing for qualifying examinations. Prerequisite: Graduate standing and consent of graduate adviser.
• 43405

R S 696E EXAMINATION PREPARATION
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Designed for religious studies doctoral students preparing for qualifying examinations. Prerequisite: Graduate standing and consent of graduate adviser.
• 43410

R S 996E EXAMINATION PREPARATION
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Designed for religious studies doctoral students preparing for qualifying examinations. Prerequisite: Graduate standing and consent of graduate adviser.
• 43415

R S 396P DISSERTATION PROSPECTUS
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Designed for Religious Studies doctoral students preparing a dissertation proposal. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43420

R S 696P DISSERTATION PROSPECTUS
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Designed for Religious Studies doctoral students preparing a dissertation proposal. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43425

R S 996P DISSERTATION PROSPECTUS
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Designed for Religious Studies doctoral students preparing a dissertation proposal. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43430

R S 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in religious studies and consent of the graduate adviser; for 698B, Religious Studies 698A.
• 43435

R S 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in religious studies and consent of the graduate adviser; for 698B, Religious Studies 698A.
• 43440

R S 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in religious studies and consent of the graduate adviser.
• 43445

R S 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 43450

R S 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 43455

R S 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 43460

R S 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Religious Studies 399R, 699R, or 999R.
• 43465

R S 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Religious Studies 399R, 699R, or 999R.
• 43470

R S 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Religious Studies 399R, 699R, or 999R.
• 43475

DEPARTMENT OF RHETORIC AND WRITING

Rhetoric and Writing - RHE

RHE 306 RHETORIC AND WRITING
An introductory writing course that includes instruction in practical reasoning and the principles of rhetoric. Only one of the following may be counted: English 603A, 303C, Rhetoric and Writing 306, 306Q, Tutorial Course 603A, 303C. Prerequisite: A passing score on the writing section of the Texas HigherEducation Assessment (THEA) test (or an appropriate assessment test).
• 43530 TTH 930 - 1100 BEN 1.124
• 43535 MW 100 - 230P PAR 6
• 43540 TTH 330 - 500P JES A217A

RHETORIC AND WRITING
Designed to accommodate 35 or fewer students. An introductory writing course that includes instruction in practical reasoning and the principles of rhetoric. Only one of the following may be counted: English 603A, 303C, Rhetoric and Writing 306, 306Q, Tutorial Course 603A, 303C. Prerequisite: A passing score on the writing section of the Texas HigherEducation Assessment (THEA) test (or an appropriate assessment test).
• 43545 TTH 1100 - 1230P GAR 2.128

RHETORIC AND WRITING
Designed to accommodate 35 or fewer students. An introductory writing course that includes instruction in practical reasoning and the principles of rhetoric. Only one of the following may be counted: English 603A, 303C, Rhetoric and Writing 306, 306Q, Tutorial Course 603A, 303C. Prerequisite: A passing score on the writing section of the Texas HigherEducation Assessment (THEA) test (or an appropriate assessment test). Restricted (see headnote).
• 43550 MWF 800 - 900 PAR 204
• 43555 TTH 800 - 930 MEZ 1.208
• 43560 MWF 900 - 1000 MEZ 1.120
• 43565 TTH 930 - 1100 FAC 7
• 43570 MW 1000 - 1130 FAC 9
• 43575 MWF 1000 - 1100 PAR 303
• 43580 MWF 1100 - 1200 MEZ 1.216
• 43585 TTH 1100 - 1230P FAC 7
• 43590 MW 1130 - 100P PAR 6
• 43595 MWF 1200 - 100P MEZ 2.122
• 43600 TTH 1230 - 200P FAC 10
• 43605 TTH 1230 - 200P SAC 5.102
• 43610 MWF 1200 - 100P JES A307A
• 43615 MWF 200 - 300P PAR 302
• 43620 TTH 200 - 330P FAC 10
• 43625 TTH 200 - 330P PAR 6
• 43630 MW 230 - 400P FAC 9
• 43635 TTH 330 - 500P FAC 10

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course	unique	days	time	room	instructor
	• 43640	MW	400 - 530P	CLA 0.118	
	• 43645	TTH	500 - 630P	PAR 304	

RHE 309K TOPICS IN WRITING

A writing course focused on studying and practicing methods of rhetorical analysis within the contexts of disputed issues of academic, political, or cultural significance. May be repeated once for credit when the topics vary. Prerequisite: Rhetoric and Writing 306 or 306Q.

• 43650	TTH	930 - 1100	FAC 9	
• 43655	MWF	1100 - 1200	PAR 206	
• 43660	TTH	1100 - 1230P	CLA 0.104	
• 43665	TTH	1100 - 1230P	PAR 303	
• 43670	TTH	1230 - 200P	PAR 206	
• 43675	MW	400 - 530P	PAR 304	
• 43680	TTH	500 - 630P	PAR 101	

TOPICS IN WRITING

Designed to accommodate 35 or fewer students. A writing course focused on studying and practicing methods of rhetorical analysis within the contexts of disputed issues of academic, political, or cultural significance. May be repeated once for credit when the topics vary. Prerequisite: Rhetoric and Writing 306 or 306Q.

• 43685	MWF	900 - 1000	PAR 206	
• 43690	TTH	930 - 1100	PAR 101	
• 43695	MW	1000 - 1130	PAR 104	
• 43700	TTH	1100 - 1230P	FAC 10	
• 43705	MW	1130 - 100P	FAC 7	
• 43710	MWF	1200 - 100P	JES A215A	
• 43715	TTH	1230 - 200P	FAC 9	
• 43720	TTH	1230 - 200P	PAR 6	
• 43725	MW	100 - 230P	FAC 9	
• 43730	MWF	100 - 200P	PAR 208	
• 43735	TTH	200 - 330P	FAC 9	
• 43740	TTH	200 - 330P	GAR 2.112	
• 43745	MW	230 - 400P	PAR 104	
• 43750	TTH	330 - 500P	MEZ 1.210	
• 43755	MW	400 - 530P	FAC 7	

RHE 309S CRIT READ/PERSUASIVE WRIT-NSDS

Designed to accommodate 35 or fewer students. A writing course designed to teach advanced rhetorical analysis and advocacy on public issues. Prerequisite: Rhetoric and Writing 306 or 306Q. Restricted to College of Natural Science students in the Dean's Scholars Honors Program.

• 43760	TTH	800 - 930	PAR 101	BUCKLEY, T

RHE 321 PRINCIPLES OF RHETORIC

Designed to accommodate 35 or fewer students. Examines major terms, issues, and approaches in the theory and practice of rhetoric and writing. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43765	MWF	1200 - 100P	PAR 103	SMITH, D
• 43770	TTH	1230 - 200P	FAC 7	CHARNEY, D

RHE 325M ADVANCED WRITING

An advanced course designed to improve and refine writing. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43775	MWF	1000 - 1100	PAR 206	LONGAKER, M

RHE 328 WRITING FOR DIGITAL MEDIA

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A professional and technical writing course exploring topics such as writing for nonprofit organizations, writing for government, and writingfor industry. Designed for students in nontechnical fields. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43777	TTH	1100 - 1230P	FAC 9	SMITH, D

APOCALYPTIC TECH WRITING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A professional and technical writing course exploring topics such as writing for nonprofit organizations, writing for government, and writingfor industry. Designed for students in nontechnical fields. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43779	MW	100 - 230P	PAR 104	GRAHAM, S

1-MAGAZINE WRITING/PUBLISHING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A professional and technical writing course exploring topics such as writing for nonprofit organizations, writing for government, and writingfor industry. Designed for students in nontechnical fields. Introduction to magazine writing, editing, and publishing, with an emphasis on the nonfiction article. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43780	W	500 - 800P	PAR 101	BUCKLEY, T

RHE 330C MOBILE ENVIRONMENTS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An advanced course that examines the role of information technologies incommunication. Taught using networked computers. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43782	MW	230 - 400P	PAR 6	SACKEY, D

RHET AND DATA VISUALIZATION

Course number may be repeated for credit when the topics vary. An advanced course that examines the role of information technologies incommunication. Taught using networked computers. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43785	TTH	200 - 330P	FAC 7	CHARNEY, D

8-WRITING WITH SOUND

Course number may be repeated for credit when the topics vary. An advanced course that examines the role of information technologies incommunication. Taught using networked computers. Introduces sound studies and practices techniques for recording, editing, and publishing writing for and with sound. Rhetoric and Writing 330C (Topic: Writing with Sound) and 330C (Topic 8)may not both be counted. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43790	MW	1130 - 100P	FAC 9	BOYLE, C

RHE 330D RHETORIC AND HITLER

Course number may be repeated for credit when the topics vary. An advanced survey of figures and movements in the history of rhetoric, from classical to contemporary. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43795	MWF	1100 - 1200	PAR 208	ROBERTS-MILLER, P

7-RHET INVENTD/REVISED/RETOLD

Course number may be repeated for credit when the topics vary. An advanced survey of figures and movements in the history of rhetoric, from classical to contemporary. Survey of figures, movements, and debates in the history of rhetoric and exploration of the rise of revisionist historiography and comparative rhetoric in the twenty-first century. Rhetoric and Writing 330D (Topic: Rhetoric Invented/Revised/Retold) and 330D (Topic 7) may not both be counted. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43800	TTH	330 - 500P	PAR 103	DIAB, R

8-PHILOSOPHY VS RHETORIC

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An advanced survey of figures and movements in the history of rhetoric, from classical to contemporary. Study of the co-emergence and subsequent split between rhetoric and philosophy in the classical period and their potential reunification in a contemporary context. Rhetoric and Writing 330D (Topic: Philosophy vs Rhetoric) and 330D (Topic 8) may not both be counted. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43804	MWF	100 - 200P	PAR 103	SMITH, D

RHE 330E RHETORIC OF CAPTIVITY

Course number may be repeated for credit when the topics vary. An advanced examination of rhetorical theories and their applications. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43805	TTH	930 - 1100	PAR 303	HENKEL, J

5-COMPARATIVE RHETORIC

Course number may be repeated for credit when the topics vary. An advanced examination of rhetorical theories and their applications. Examination of rhetorical concepts and practices in various rhetorical traditions, and how they underline the functions of rhetoric in their different historical and cultural contexts. Rhetoric and Writing 330E (Topic: Comparative Rhetoric) and 330E (Topic 5) may not both be counted. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43810	TTH	1230 - 200P	PAR 304	DIAB, R

RHE 366 INTERNSHIP IN RHETORIC & WRIT

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Research and staff experience working in an appropriate nonprofit, public-, or private-sector entity. May be repeated once for credit when the internships vary. Prerequisite: Upper-division standing, twelve semester hours of coursework in rhetoric and writing, and consent of instructor.

• 43815

RHE 367R CONF CRS IN RHETORIC/WRITING

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised work on specific projects in rhetoric and writing. Prerequisite: Upper-division standing; one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C; and approval of written application by the supervising instructor.

• 43820

RHE 368E 2-GRAMMAR: WRIT/EDITORS/TCHRS

Course number may be repeated for credit when the topics vary. Advanced instruction in revising and editing for publication. Examines the grammar of written English by assessing grammatical issues, handbooks, and controversies. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.

• 43825	TTH	200 - 330P	PAR 304	HENKEL, J

April 3, 2026

RHE 679HA HONORS TUTORIAL COURSE
Research and development of a thesis/project topic and proposal followed by the writing and defense of an honors thesis or development and defense of an honors project. Prerequisite: For 679HA, upper-division standing, completion of at least six hours of upper-division rhetoric and writing courses, admission to the Rhetoric and Writing Honors Program, and consent of the honors adviser; for 679HB, credit for 679HA.
• 43830 M 630 - 930P PAR 5 FERREIRA-BUCKLEY

RHE 398T SUPV TEACHING IN RHET/WRITING
Offered on the credit/no credit basis only. Prerequisite: Graduate standing, consent of instructor, and appointment as an assistant instructor in a lower-division rhetoric and writing course.
• 43835 TTH 1100 - 1230P PAR 104 SPINUZZI, C

CENTER FOR RUSSIAN, EAST EUROPEAN, AND EURASIAN STUDIES

Russian, East European, and Eurasian Studies - REE

REE 301 INTRO RUS/E EUR/EURASN STDS
An introduction to the former Soviet Union and Eastern Europe through each of the major disciplines represented in the program: language, literature, anthropology, geography, history, government, sociology, and economics. Only one of the following may be counted: History 306N (Topic 4), Russian, East European, and Eurasian Studies 301, Slavic 301 (Topic 2). Only one of the following may be counted: Government 314 (Topic 4), Russian, East European, and Eurasian Studies 301, Slavic 301 (Topic 2). Only one of the following may be counted: Russian, East European, and Eurasian Studies 301, Slavic 301 (Topic: Introduction to Russian, East European, and Eurasian Studies), 301 (Topic 2). meets with HIS 306N (TOPIC 4).
• 43890 TTH 1230 - 200P BUR 136 PETROV, P

REE 302 RUSSIA AFTER COMMUNISM
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 43895 TTH 1100 - 1230P GEA 127 LIVERS, K

2-MAGIC AND POWER IN PRAGUE
Course number may be repeated for credit when the topics vary. Examines historical texts from four different magical traditions to find the truth behind the fiction and the historical events that sometimes permitted and sometimes persecuted the religions, philosophies, and sciences that some call magic. Only one of the following may be counted: Czech 301K (Topic: Magic and Power in Prague: The Struggle for Power), 301K (Topic 2), History 306N (Topic: Magic and Power in Prague: The Struggle for Power), 306N (Topic 14), Religious Studies 306 (Topic: Magic and Power in Prague: The Struggle for Power), Russian, East European, and Eurasian Studies 302 (Topic: Magic and Power in Prague: The Struggle of Power), 302 (Topic 2). Prerequisite: Varies with the topic. same as HIS 306N (TOPIC 14). also meets with R S 306.
• 43900 MWF 900 - 1000 GEA 127 ROBERTS, J

REE 325 WOMEN/RESISTNC CONTEMP E EURO
Course number may be repeated for credit when the topics vary. Fulfills the basic Russian, East European, and Eurasian studies requirement in language, literature, and culture. Prerequisite: Varies with the topic. meets with EUS 347, WGS 340.
• 43905 TTH 930 - 1100 GEA 127 LUTSYSHYNA, O

JEWISH FOLKLORE
Course number may be repeated for credit when the topics vary. Fulfills the basic Russian, East European, and Eurasian studies requirement in language, literature, and culture. Prerequisite: Varies with the topic. meets with J S 363, GSD 360, ANT 325L, R S 357.
• 43910 TTH 1230 - 200P GDC 5.304 GOTTESMAN, Y

RUS ORTHODOX RELIGION/CULTR
Course number may be repeated for credit when the topics vary. Fulfills the basic Russian, East European, and Eurasian studies requirement in language, literature, and culture. Prerequisite: Varies with the topic.
• 43915 TTH 1100 - 1230P WAG 420 ROBERTS, J

RUSSIAN CINEMA: POTEMKIN-PUTIN
Course number may be repeated for credit when the topics vary. Fulfills the basic Russian, East European, and Eurasian studies requirement in language, literature, and culture. Prerequisite: Varies with the topic. meets with C L 323.
• 43920 TTH 330 - 500P RLM 5.122 PETROV, P

10-MAJOR WORKS OF DOSTOEVSKY
Course number may be repeated for credit when the topics vary. Explores the dilemmas of homicide, suicide, patricide, and redemption in the novels of Fyodor Dostoevsky. Fulfills the basic Russian, East European, and Eurasian studies requirement in language, literature, and culture. Only one of the following may be counted: Comparative Literature 323 (Topic: The Major Works of Dostoevsky), 323 (Topic 30), Core Texts and Ideas 345 (Topic: Major Works of Dostoevsky), 345 (Topic 5), European Studies 347 (Topic: Major Works of Dostoevsky), 347 (Topic 10), Russian 360 (Topic: Major Works of Dostoevsky), 360 (Topic 1), Russian, East European and Eurasian Studies 325 (Topic: Major Works of Dostoevsky), 325 (Topic 10). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 30), CTI 345 (TOPIC 5).
• 43925 TTH 1230 - 200P BUR 231 LIVERS, K

19-RUS YOUTH CUL:LATE SOV-PRES
Course number may be repeated for credit when the topics vary. Examines the history and cultural products (films, music, writings) of Russia's youth, and their impact on contemporary society and politics. Fulfills the basic Russian, East European, and Eurasian studies requirement in language, literature, and culture. Only one of the following may be counted: Russian, East European, and Eurasian Studies 325 (Topic: Russian Youth Culture, Gorbachev to Present), 325 (Topic 19), Russian 330 (Topic: Russian Youth Culture, Gorbachev to Present), 330 (Topic 8). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 43930 MW 100 - 230P BUR 130 GARZA, T

REE 335 CRIMINAL PUNISHMENT IN RUSSIA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 43935 TTH 1230 - 200P BIO 301 DODSON, J

ISLAM IN RUSSIA & THE USSR
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 43940 TTH 200 - 330P MEZ 1.212 STRAW, A

5-HISTORY OF RUSSIA TO 1917
Course number may be repeated for credit when the topics vary. Survey of Russian history from seventeenth-century Muscovy to the fall of the Romanovs in 1917. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as HIS 343L.
• 43945 MWF 1100 - 1200 JGB 2.218 NEUBERGER, J

11-GERMANY IN 20TH CEN-HONORS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Survey of German political and military institutions, economic development, culture, and society. History 337N and Russian, East European, and Eurasian Studies 335 (Topic 11) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. Restricted to students in the Plan I Honors Program. same as HIS 337N. also meets with LAH 350.
• 43950 TTH 330 - 500P MEZ 2.124 CREW, D

17-INTRO TO THE HOLOCAUST
Course number may be repeated for credit when the topics vary. Examines the mass killing of Jews and other victims in the context of Nazi Germany's quest for race and space during World War II. Only one of the following may be counted: European Studies 346 (Topic: Introduction to the Holocaust), 346 (Topic 17), History 362G (Topic: Introduction to the Holocaust), 362G (Topic 3), Jewish Studies 364 (Topic: Introduction to the Holocaust), 364 (Topic 6), Middle Eastern Studies 325 (Topic: Introduction to the Holocaust), Russian, East European, and Eurasian Studies 335 (Topic: Introduction to the Holocaust), 335 (Topic 17). Prerequisite: Varies with the topic. same as EUS 346 (TOPIC 17), HIS 362G (TOPIC 3), J S 364 (TOPIC 6).
• 43955 TTH 500 - 630P JGB 2.216 LICHTENSTEIN, T

REE 345 2-REGIONS/CULTURES OF EUROPE
Course number may be repeated for credit when the topics vary. Spatial patterns in Europe, with emphasis on cultural, historical, and political geography. Fulfills the basic Russian, East European, and Eurasian studies requirement in sociology, geography, and anthropology. Only one of the following may be counted: European Studies 346 (Topic: Regions and Cultures of Europe), 346 (Topic 19), Geography 326, Russian,East European, and Eurasian Studies 345 (Topic 2). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as EUS 346 (TOPIC 19), GRG 326.
• 43960 TTH 330 - 500P BUR 220 JORDAN, B

9-GEOG RELIGION E EURO/RUSSIA
Course number may be repeated for credit when the topics vary. A comprehensive overview of major religious culture regions in the former Eastern bloc countries. Fulfills the basic Russian, East European, and Eurasian studies requirement in sociology, geography, and anthropology. Only one of the following may be counted: Geography 356T (Topic: Geography of Religion in Eastern Europe and Russia), 356T (Topic 14); Religious Studies 357 (Topic: Geography of Religion in Eastern Europe and Russia), 357 (Topic 5); Russian, East European, and Eurasian Studies 345 (Topic: Geography of Religion in Eastern Europe and Russia), 345 (Topic 9). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 356T (TOPIC 14), R S 357 (TOPIC 5).
• 43965 TTH 200 - 330P BUR 220 JORDAN, B

REE 379C CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Consent of the undergraduate adviser in Russian, East European, and Eurasian studies.
• 43970

REE 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Intensive reading and research planned with and approved by the honors adviser, followed by completion of a thesis. Required of Russian, East European, and Eurasian studies majors who planto seek special honors in Russian, East European, and Eurasian studies. Prerequisite: For 679HA, upper-division standing, admission to the Russian, East European, and Eurasian Studies Honors Program, and consentof the honors adviser; for 679HB, Russian, East European, and Eurasian Studies 679HA.
• 43975

REE 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Intensive reading and research planned with and approved by the honors adviser, followed by completion of a thesis. Required of Russian, East European, and Eurasian studies majors who planto seek special honors in Russian, East

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European, and Eurasian studies. Prerequisite: For 679HA, upper-division standing, admission to the Russian, East European, and Eurasian Studies Honors Program, and consentof the honors adviser; for 679HB, Russian, East European, and Eurasian Studies 679HA.
• 43980

REE 381 SMNR RUS/E EUR/EURASN CIV/CUL
Core course. Prerequisite: Graduate standing. meets with HIS 383J.
• 43985 W 300 - 600P CMA 3.108 NEUBURGER, M

REE 382 CONF CRS RUS/E EUR/EURASN STDS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual instruction on some aspect of the former Soviet Union or Eastern Europe. Prerequisite: Graduate standing.
• 43990

REE 386 CONSPRCY CULTURE US/RUSSIA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 43995 T 200 - 500P CMA 3.108 LIVERS, K

REE 387 SOVIET UNION: WWII-COLLAPSE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with HIS 383.
• 44000 F 900 - 1200 GAR 1.122 WYNN, C

STRAT/DECISN-MAKG IN GLOB POL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with P A 388K, HIS 381.
• 44005 T 900 - 1200 SRH 3.122 SURI, J

REE 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in Russian, East European, andEurasian studies; for 698B, Russian, East European, and Eurasian Studies698A.
• 44010

REE 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in Russian, East European, andEurasian studies; for 698B, Russian, East European, and Eurasian Studies698A.
• 44015

REE 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Russian, East European, and Eurasian studies.
• 44020

DEPARTMENT OF SLAVIC AND EURASIAN STUDIES

Czech - CZ
Polish - POL
Russian - RUS
Serbian/Croatian - S C
Slavic - SLA
Slavic and Eurasian Languages - SEL

CZ 506 FIRST-YEAR CZECH I
Designed to accommodate 35 or fewer students. Emphasis on four-skills proficiency: listening, speaking, reading, and writing. Only one of the following may be counted: Czech 601C, 406, 506.
• 44075 MTWTHF 1000 - 1100 CMA 3.134 HILCHEY, C

CZ 412K SECOND-YEAR CZECH I
Listening, speaking, reading, and writing at the second-year level. Czech 611C and 312K, 412K may not both be counted. Prerequisite: Czech 601C or 507.
• 44080 MTWTH 1100 - 1200 CMA 3.134

CZ 325 THIRD-YEAR CZECH I
Hour(s) to be arranged. Oral expression, reading, and composition. Prerequisite: Czech 611C or 312L.
• 44085

CZ 379 CONF CRS IN CZECH LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Six semester hours of upper-division coursework in Czech, or upper-division standing and consent of instructor.
• 44090

CZ 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual research on a literary honors paper of some length. Must be taken for special honors in addition to the major requirement. Prerequisite: For 679HA, upper-division standing, a University grade point average of at least 3.00, and a grade point average in Czech of at least 3.50; for 679HB, Czech 679HA.
• 44095

CZ 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual research on a literary honors paper of some length. Must be taken for special honors in addition to the major requirement. Prerequisite: For 679HA, upper-division standing, a University grade point average of at least 3.00, and a grade point average in Czech of at least 3.50; for 679HB, Czech 679HA.
• 44100

CZ 395 CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Survey of Czech literature, language, culture, linguistics, history, andpolitics. Prerequisite: Graduate standing.
• 44105

POL 506 FIRST-YEAR POLISH I
Emphasis on four-skills proficiency. Polish 601C and 506 may not both be counted.
• 44160 MW 200 - 300P CAL 419 KAMINSKA, B
TTH 200 - 330P CAL 221

POL 312K SECOND-YEAR POLISH I
Emphasis on four-skills proficiency. Polish 611C and 312K may not both be counted. Prerequisite: Polish 601C or 507.
• 44165 MW 1130 - 100P RLM 6.112 KAMINSKA, B

POL 325 THIRD-YEAR POLISH I
Hour(s) to be arranged. Oral expression, reading, and composition. Polish 325 and Russian, East European, and Eurasian Studies 325 (Topic: Third-Year Polish I) may not both be counted. Prerequisite: Polish 611C or 312L.
• 44170 KAMINSKA, B

POL 379 CONF CRS IN POLISH LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Six semester hours of upper-division coursework in Polish or consent of instructor.
• 44175

POL 395 CONFERENCE COURSE
Hour(s) to be arranged. May be repeated for credit. Study of individual problems in Polish language, literature, and culture. Prerequisite: Graduate standing and consent of instructor.
• 44180

RUS 601C INTENSIVE RUSSIAN I
Emphasis on developing oral proficiency in Russian using intensive methods of instruction. May not be counted by students with credit for Russian 406, 506, 407, 507. Not open to native or heritage speakers of Russian.
• 44235 MWF 1000 - 1100 CLA 0.122 ALEXANDROVA, M
TTH 930 - 1100 CLA 0.122
• 44240 MWF 100 - 200P CLA 0.106 LUTSYSHYNA, O
TTH 1230 - 200P CLA 0.106
• 44245 MWF 200 - 300P CLA 1.102 WILKINS, E
TTH 200 - 330P CLA 0.106

RUS 406 FIRST-YEAR RUSSIAN I
Additional hour(s) to be arranged. Emphasis on four-skills proficiency: listening, speaking, reading, and writing. Only one of the following may be counted: Russian 601C, 406, 506. Taught online during scheduled times. Go to http://laits.utexas.edu/tower/online/courses/ for additional information and to test your computer and internet connectivity.
• 44250 W 900 - 1000 RICE, H

RUS 412K SECOND-YEAR RUSSIAN I
Additional hour(s) to be arranged. Listening, speaking, reading, and writing at the second-year level. Russian 611C and 412K may not both be counted. Prerequisite: Russian 601C or 507. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.
• 44255 W 1000 - 1100 RICE, H

RUS 322C INTER RUSSIAN THRU CONVRSTN
Designed to accommodate 35 or fewer students. Development of the basic skills of listening, speaking, reading, and writing, with special emphasis on oral communication. Russian 322C and 324 may not both be counted. Russian 322C and 325 may not both be counted. Prerequisite: Russian 611C or 312K, 412K.
• 44260 MWF 1100 - 1200 CAL 419 WILKINS, E

INTER RUSSIAN THRU CONVRSTN
Development of the basic skills of listening, speaking, reading, and writing, with special emphasis on oral communication. Russian 322C and 324 may not both be counted. Russian 322C and 325 may not both be counted. Prerequisite: Russian 611C or 312K, 412K.
• 44265 MWF 1200 - 100P CMA 5.190 ALEXANDROVA, M

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course	unique	days	time	room	instructor

RUS 326 VYSOTSKY: LIFE AND WORKS
Course number may be repeated for credit when the topics vary. Designed to enhance the student's skills in a variety of functional areas. Topics may include advanced oral communication, stylistics, Russian for business, literary translation of legal and business documents, scientific and technical translation. Prerequisite: Russian 325. meets with RUS 380E.
• 44270 MW 1000 - 1130 GEA 127 GARZA, T

RUS 379 CONF COURSE IN RUS LANG OR LIT
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Six semester hours of upper-division coursework in Russianor consent of instructor and the chair of the department.
• 44275

RUS 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual research on a literary or linguistic problem, which culminates in an honors paper of some length. Must be taken for special honors in addition to the major requirement. Prerequisite: For 679HA, upper-division standing, a University grade point average of at least 3.00, and a grade point average in Russian of at least 3.50; for 679HB, Russian 679HA.
• 44280

RUS 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual research on a literary or linguistic problem, which culminates in an honors paper of some length. Must be taken for special honors in addition to the major requirement. Prerequisite: For 679HA, upper-division standing, a University grade point average of at least 3.00, and a grade point average in Russian of at least 3.50; for 679HB, Russian 679HA.
• 44285

RUS 380E VYSOTSKY: LIFE AND WORKS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with RUS 326.
• 44290 MW 1000 - 1130 GEA 127 GARZA, T

RUS 395 CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Study of individual problems in Slavic languages. Prerequisite: Graduate standing.
• 44295

RUS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in the Department of Slavic and Eurasian Studies and consent of the graduate adviser; for 698B, Russian 698A.
• 44300

RUS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 698A, graduate standing in the Department of Slavic and Eurasian Studies and consent of the graduate adviser; for 698B, Russian 698A.
• 44305

RUS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in the Department of Slavic and EurasianStudies and consent of the graduate adviser.
• 44310

RUS 399R DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 44315

RUS 699R DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 44320

RUS 999R DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Admission to candidacy for the doctoral degree.
• 44325

RUS 399W DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Russian 399R, 699R, or 999R.
• 44330

RUS 699W DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Russian 399R, 699R, or 999R.
• 44335

RUS 999W DISSERTATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Russian 399R, 699R, or 999R.
• 44340

S C 379 CONF CRS IN BOS/CROAT/SERB
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Serbian/Croatian 312K and 312L and consent of instructor.
• 44395

S C 395 CONF CRS IN SERBIAN/CROATIAN
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Study of individual problems in Serbian and Croatian languages, literature, and culture. Prerequisite: Graduate standing in the Department of Slavic and EurasianStudies, or graduate standing and consent of instructor.
• 44400

SEL 379 CONF CRS IN SLAVIC/EURASIAN
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Written consent of instructor.
• 44455

SEL 395 CONF CRS SLAVIC/EURASIAN LANGS
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and written consent of instructor.
• 44460

DEPARTMENT OF SOCIOLOGY

Sociology - SOC

SOC 302 INTRO TO STUDY OF SOCIETY-HON
Restricted to students registered under Plan II for the BA degree. The nature of human societies, social processes, social interaction, andthe sociological approach.

• 44515	TTH	1230 - 200P	CLA 3.106	HAGHSHENAS, H

INTRO TO THE STUDY OF SOCIETY
Designed to accommodate 100 or more students. The nature of human societies, social processes, social interaction, andthe sociological approach.

• 44520	TTH	1100 - 1200	FAC 21	HAGHSHENAS, H
	F	1000 - 1100	JES A215A	
• 44525	TTH	1100 - 1200	FAC 21	HAGHSHENAS, H
	F	1000 - 1100	JES A216A	
• 44530	TTH	1100 - 1200	FAC 21	HAGHSHENAS, H
	F	1100 - 1200	JES A209A	
• 44535	TTH	1100 - 1200	FAC 21	HAGHSHENAS, H
	F	1100 - 1200	JES A305A	
• 44540	TTH	1100 - 1200	FAC 21	HAGHSHENAS, H
	F	1100 - 1200	JES A307A	
• 44545	MW	1200 - 100P	ART 1.102	REECE, R
	F	1000 - 1100	CBA 4.324	
• 44550	MW	1200 - 100P	ART 1.102	REECE, R
	F	1000 - 1100	CBA 4.326	
• 44555	MW	1200 - 100P	ART 1.102	REECE, R
	F	1100 - 1200	CBA 4.326	
• 44560	MW	1200 - 100P	ART 1.102	REECE, R
	F	1100 - 1200	CBA 4.330	
• 44565	MW	1200 - 100P	ART 1.102	REECE, R
	F	1100 - 1200	CBA 4.332	

INTRO TO THE STUDY OF SOCIETY
Designed to accommodate 100 or more students. Additional hour(s) to be arranged. The nature of human societies, social processes, social interaction, andthe sociological approach.

• 44570	TTH	930 - 1030	FAC 21	FULTON, K
	F	1000 - 1100	GAR 1.126	
• 44575	TTH	930 - 1030	FAC 21	FULTON, K
	F	1000 - 1100	PAR 208	
• 44580	TTH	930 - 1030	FAC 21	FULTON, K
	F	1100 - 1200	GAR 2.112	
• 44585	TTH	930 - 1030	FAC 21	FULTON, K
	F	1100 - 1200	PAR 306	
• 44590	TTH	930 - 1030	FAC 21	FULTON, K
	F	1100 - 1200	WRW 113	
• 44595	TTH	930 - 1030	FAC 21	FULTON, K
	F	1200 - 100P	WRW 113	
• 44600	MW	1100 - 1200	UTC 2.112A	SHAPIRA, H
	F	900 - 1000	JGB 2.202	

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course	unique	days	time	room	instructor
	• 44605	MW	1100 - 1200	UTC 2.112A	SHAPIRA, H
		F	1000 - 1100	PHR 2.114	
	• 44610	MW	1100 - 1200	UTC 2.112A	SHAPIRA, H
		F	1000 - 1100	WRW 113	
	• 44615	MW	1100 - 1200	UTC 2.112A	SHAPIRA, H
		F	1100 - 1200	GEA 114	
	• 44620	MW	1100 - 1200	UTC 2.112A	SHAPIRA, H
		F	1100 - 1200	GEA 127	
	• 44625	MW	1100 - 1200	UTC 2.112A	SHAPIRA, H
		W	1200 - 100P	PAR 303	
	• 44630	MW	1100 - 1200	UTC 2.112A	SHAPIRA, H
		F	1200 - 100P	BIO 301	
	• 44635	MW	1100 - 1200	UTC 2.112A	SHAPIRA, H
		W	100 - 200P	PAR 303	
	• 44640	TTH	1100 - 1200	FAC 21	HAGHSHENAS, H
		F	1200 - 100P	JES A218A	
	• 44645	MW	1200 - 100P	ART 1.102	REECE, R
		F	1200 - 100P	CBA 4.332	
	• 44650	MW	100 - 200P	MEZ 1.306	GREEN, P
		F	1000 - 1100	CBA 4.330	
	• 44655	MW	100 - 200P	MEZ 1.306	GREEN, P
		F	1000 - 1100	CBA 4.332	
	• 44660	MW	100 - 200P	MEZ 1.306	GREEN, P
		F	1100 - 1200	CBA 4.344	
	• 44665	MW	100 - 200P	MEZ 1.306	GREEN, P
		F	1100 - 1200	CBA 4.348	
	• 44670	MW	100 - 200P	MEZ 1.306	GREEN, P
		F	1100 - 1200	RLM 5.120	
	• 44675	MW	100 - 200P	MEZ 1.306	GREEN, P
		F	1200 - 100P	RLM 5.120	

SOC 302P PHYSICAL ACTIVITY/SOCIETY

Explores the way in which people are physically active in a social context - primarily in the United States. Examines how social forces influence physical activity including cultural, economic, historical, and demographic considerations. Examines physical activity on both the individual and population levels to better understand benefits and barriers to activity through the social context. Only one of the following may be counted: Sociology 302P, 304 (Topic: Physical Activity and Society), Health and Society 310P. same as H S 310P.

• 44680	TTH	930 - 1100	CLA 0.102	TWITO, S

SOC 307C AMER FAMILIES PAST AND PRESENT

Designed to accommodate 100 or more students. Examines trends over time in specific aspects of family life, including marriage, cohabitation, mate selection, divorce, parenthood, family structure, and work-family balance. Study of the methods that sociologists and demographers use to study the family. Sociology 307C and 308 (Topic: American Families Past and Present) may not both be counted.

• 44685	TTH	330 - 500P	CLA 0.102	

SOC 308D ETHNCTY & GENDER: LA CHICANA

Only one of the following may be counted: Mexican American Studies 311, 319 (Topic 1), Sociology 308 (Topic: Ethnicity and Gender: La Chicana), 308D, Women's and Gender Studies 301 (Topic 6). same as MAS 311, WGS 301 (TOPIC 6). also meets with AMS 315.

• 44690	MWF	900 - 1000	GAR 0.132	
• 44695	MWF	1200 - 100P		

SOC 308S INTRO TO HEALTH & SOCIETY

A broad, multidisciplinary overview that introduces students to the study of health and society. Only one of the following may be counted: Health and Society 301, Sociology 308 (Topic: Introduction to Health and Society), 308S. same as H S 301.

• 44700	MW	830 - 1000	UTC 4.122	OSBAKKEN, S
• 44705	MW	230 - 400P	UTC 2.112A	OSBAKKEN, S

SOC 309C CREATING SUSTAINABLE SOCTY

Overview of sustainability as something human beings must strive to create in an era of global warming and ever greater social inequalities,both between and within countries. Only one of the following may be counted: Geography 302P (Topic: Creating Sustainable Societies), 309C, Sociology 304 (Topic: Creating Sustainable Societies), 309C. same as GRG 309C.

• 44710	TTH	200 - 330P	CLA 0.102	SWEARINGEN, W

SOC 317L INTRO TO SOCIAL STATISTICS

Designed to accommodate 35 or fewer students. Measures of central tendency and dispersion, the binomial and chi-squaredistributions, tests of hypotheses and parameter estimation, and simple correlation and regression. Required of all sociology majors.

• 44715	MWF	1100 - 1200	CLA 1.402	LIN, K
	T	200 - 300P	CLA 1.404	
• 44720	TTH	200 - 330P	CLA 1.108	PUDROVSKA, T
	W	1200 - 100P	CLA 1.404	

INTRO TO SOCIAL STATISTICS

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Measures of central tendency and dispersion, the binomial and chi-squaredistributions, tests of hypotheses and parameter estimation, and simple correlation and regression. Required of all sociology majors.

• 44725	MWF	1000 - 1100	JGB 2.202	POWERS, D

SOC 317M INTRO TO SOCIAL RESEARCH

The logic of scientific research, general methods of data collection andanalysis, and computer applications. Required of all sociology majors. May be repeated once for credit. To enroll for the second time, students must receive consent of the undergraduate adviser. Prerequisite: One of the following courses with a grade of at least C: Biology 318M, 328M, Economics 329, Educational Psychology 371, Geological Sciences 325K, 366M, Government 350K, Geography 368C, Mathematics 316, 358K, 378K, Mechanical Engineering 335, Petroleum and Geosystems Engineering 337, Psychology 418, 325K, Social Work 318, Sociology 317L, Statistics 309, 309H, 371G, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 304 (or Statistics and Scientific Computation 304), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), or 328M (or Statistics and Scientific Computation 328M).

• 44730	MW	900 - 1000	CLA 0.118	WEITZMAN, A
	F	900 - 1100	CLA 1.402	
• 44735	TTH	1100 - 1200	CLA 0.118	RALEY, R
	TH	1230 - 230P	CLA 1.404	

INTRO TO SOCIAL RESEARCH

Designed to accommodate 35 or fewer students. The logic of scientific research, general methods of data collection andanalysis, and computer applications. Required of all sociology majors. May be repeated once for credit. To enroll for the second time, students must receive consent of the undergraduate adviser. Prerequisite: One of the following courses with a grade of at least C: Biology 318M, 328M, Economics 329, Educational Psychology 371, Geological Sciences 325K, 366M, Government 350K, Geography 368C, Mathematics 316, 358K, 378K, Mechanical Engineering 335, Petroleum and Geosystems Engineering 337, Psychology 418, 325K, Social Work 318, Sociology 317L, Statistics 309, 309H, 371G, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 304 (or Statistics and Scientific Computation 304), 306 (or Statistics and Scientific Computation 306), 318 (or Statistics and Scientific Computation 318), 321 (or Statistics and Scientific Computation 321), or 328M (or Statistics and Scientific Computation 328M).

• 44740	TTH	930 - 1100	CLA 1.404	OSBORNE, L
	T	1100 - 100P	CLA 1.404	
• 44745	MW	1000 - 1100	CLA 0.118	REGNERUS, M
	F	1000 - 1200	CLA 1.404	

SOC 319 INTRO TO SOCIAL DEMOGRAPHY

Designed to accommodate 100 or more students. Social consequences of changes in fertility, mortality, migration, population growth and composition.

• 44750	MWF	900 - 1000	CLA 0.102	

SOC 321C CONSUMPTION IN LATIN AMER

Study of the role consumption plays in social, economic, and political relations in Latin America, as well as contesting ideas about this role. Only one of the following may be counted: Latin American Studies 325 (Topic: Consumption in Latin America), Latin American Studies 325 (Topic 5), Sociology 321C, Sociology 321K (Topic: Consumption in Latin America). Prerequisite: Upper-division standing. same as LAS 325 (TOPIC 5).

• 44755	TTH	930 - 1100	SRH 1.320	FRIDMAN, D

SOC 321E ECONOMY, CULTURE, & SOCIETY

Introduction to sociological research and theories of culture and the economy, with a special focus on gift giving. Study of gift giving behaviors will explore the core issues of sociology: social organization and social structure, social norms, the relationship between individual and society, the nature of economic and noneconomic exchange, reciprocity, obligation, cultural meanings, and power, among others. Sociology 321E and 321K (Topic: Economy, Culture, and Society) may not both be counted. Prerequisite: Upper-division standing.

• 44760	TTH	1230 - 200P	BUR 134	FRIDMAN, D

SOC 321G GLOBAL HEALTH ISSUES/SYSTEMS

Designed to accommodate 35 or fewer students. Overview of current global health challenges and issues from biological, cultural, and environmental perspectives. Examination, comparison, and contrasting of various health systems in the six World Health Organization geographic regions and countries within those regions, with regard to the specific health challenges they face. Sociology 321G and 321K (Topic: Global Health Issues and Health Systems) may not both be counted. Prerequisite: Upper-division standing.

• 44765	TTH	1100 - 1230P	BUR 214	JEON, J

SOC 321K INQLTY IN US EDU SYS-HONORS

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing and a grade point average of at least 3.50. Topic title: Inequality in the U.S. education system. meets with LAH 350.

• 44770	TTH	1100 - 1230P	CLA 2.606	PIKUS, M

SOC 321L SOCIOLOGY OF EDUCATION

Education as a societal institution, with emphasis on the United States educational system: how the system works; the effects of the system; recent changes. Prerequisite: Upper-division standing. same as AFR 321L, WGS 345 (TOPIC 23).

• 44775	TTH	930 - 1100	CLA 1.108	MULLER, C

SOC 321R SOCIOLOGY OF RACE AND WORK

Critical examination of work in the United States over the twentieth and twenty-first centuries through a gendered, Asian American lens, using a comparative race perspective. Subjects include the sociological examination of concepts such as labor markets, globalization, care work, and gender/racial segregation in the workplace along with the ways race and gender shape how and where individuals are fitted into the workplace, how skills are evaluated, and how labor markets emerge. Only one of the following may be counted: Asian American Studies 330 (Topic: Sociology of Race and Work), 330 (Topic 4), Sociology 321K (Topic: Sociology of Race and Work), 321R, Women's and Gender Studies 322 (Topic: Sociology of Race and Work), 322 (Topic

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course	unique	days	time	room	instructor

6). Prerequisite: Upper-division standing. same as AAS 330 (TOPIC 4), WGS 322 (TOPIC 6).

• 44780	MWF	1200 - 100P	GEA 127	BHALODIA, A

SOC 322J ECONOMIC SOCIOLOGY OF HLTH

Provides a look at the economics of health and health care through a sociological lens. Examines how the multidimensional nature and distribution of health and healthcare are shaped by a variety of social and economic factors. Gain an understanding of the power of incentives, markets, and cost-benefit analysis, as well as the limits of these tools, in creating effective health care policy. Only one of the following may be counted: Health and Society 340 (Topic 8), Sociology 321K (Topic: Economic Sociology of Health), 322J. Prerequisite: Upper-division standing same as H S 340 (TOPIC 8).

• 44785	TTH	330 - 500P	CLA 0.118	PALMO, N

SOC 322U UNITED STATES IMMIGRATION

Utilizes a sociological perspective to gain an understanding of what social forces drive migration to the United States, how migrants organize their migration, and how immigration affects United States' society. Only one of the following may be counted: Mexican American Studies 374 (Topic: US Immigration), 374 (Topic 42), Sociology 321K (Topic: US Immigration), or 322U. Prerequisite: Upper-division standing. same as MAS 374 (TOPIC 42).

• 44790	MW	1130 - 100P	PAR 201	RODRIGUEZ, N

SOC 322V RACE/GENDER/SURVEILLANCE

Overview of theories in the sociology of social control, with a focus onrisk, power, ethics, and surveillance. Examines historical transformations in social control and the distributions of power in the United States and global contexts, with attention to race, gender, and class. Subjects include: the transatlantic slave trade; prisons and punishment; the gaze, voyeurism, and reality television watching; the Internet; travel and state borders; privacy; and biometrics and the body. Only one of the following may be counted: African and African Diaspora Studies 372C (Topic 12), 374E (Topic: Surveillance and Social Control), American Studies 321 (Topic 6), Sociology 321K (Topic: Surveillance and Social Control), 322V, Women's and Gender Studies 322 (Topic: Surveillance and Social Control), 322 (Topic 8). Prerequisite: Upper-division standing. same as AFR 372C (TOPIC 12), AMS 321 (TOPIC 6), WGS 322 (TOPIC 8).

• 44795	TTH	930 - 1100	WAG 101	BROWNE, S

SOC 323 THE FAMILY

The American family in historical and comparative perspective. Family history and origins; comparative family systems; social antecedents of family structure and process; family formation and dissolution; family and society; recent family changes and prospects for the future. Sociology 323 and Women's and Gender Studies 345 (Topic 2) may not both be counted. Prerequisite: Upper-division standing. same as WGS 345 (TOPIC 2).

• 44800	TTH	1100 - 1230P	CLA 0.128	FULTON, K

SOC 323F FOOD AND SOCIETY

Explores the social context of food; including food and identity, socialclass and culture, as well as who plans, purchases, and prepares food for our families. Food production and policies in the United States and government assistance for the hungry are also covered. Sociology 321K (Topic: Food and Society) and 323F may not both be counted. Prerequisite: Upper-division standing.

• 44805	MW	1000 - 1130	CLA 3.106	FULTON, K

SOC 325L SOC OF CRIMINAL JUSTICE

Examination of the police, courts, and prisons: how they work, their impact on those who pass through them. Introduction to the American criminal justice system, its policies and procedures. The primary focus will be on the roles and functions of the police, the courts, and corrections, with a special emphasis on how well or not so well the system operates. Only one of the following may be counted: Sociology 325L, Urban Studies 354 (Topic: Sociology of Criminal Justice), 354 (Topic 12). Prerequisite: Upper-division standing. same as URB 354 (TOPIC 12).

• 44810	TTH	1100 - 1230P	CLA 0.102	KELLY, W

SOC OF CRIMINAL JUSTICE

Designed to accommodate 100 or more students. Examination of the police, courts, and prisons: how they work, their impact on those who pass through them. Introduction to the American criminal justice system, its policies and procedures. The primary focus will be on the roles and functions of the police, the courts, and corrections, with a special emphasis on how well or not so well the system operates. Only one of the following may be counted: Sociology 325L, Urban Studies 354 (Topic: Sociology of Criminal Justice), 354 (Topic 12). Prerequisite: Upper-division standing. same as URB 354 (TOPIC 12).

• 44815	TTH	1230 - 200P	CLA 0.102	KELLY, W

SOC 330P SOCIOLOGY & SOCIAL PSYCHOLOGY

Examines how individuals perceive, interact with, and affect other individuals from the perspectives of both psychology and sociology. Sociology 321K (Topic: Sociology and Social Psychology) and 330P may notboth be counted. Prerequisite: Upper-division standing.

• 44820	MWF	1000 - 1100	CLA 0.112	ROSE, M

SOC 333K SOCIOLOGY OF GENDER

Inequality between the sexes; men's and women's changing roles in society. Sociology 333K and Women's and Gender Studies 322 (Topic 1: Sociology ofGender) may not both be counted. Prerequisite: Upper-division standing. same as WGS 322 (TOPIC 1).

• 44825	TTH	800 - 930	UTC 1.146	WILLIAMS, C

SOC 335 SOCIETY OF MODERN MEXICO

Family, community, industrialization, and urbanization in modern Mexico. same as LAS 325 (TOPIC 1), URB 354 (TOPIC 2). also meets with GRG 356T.

• 44830	TTH	200 - 330P	CLA 1.104	WARD, P

SOC 336C AMERICAN DILEMMAS

Examination of critical American social problems, including problems in the economic, political, and health care systems, as well as inequities based on income, gender, and race. Exploration of how these problems are a natural outgrowth of the existing social structure. Only one of the following may be counted: Sociology 336C, Urban Studies 354 (Topic: American Dilemmas), 354 (Topic 13), Women's and Gender Studies 345 (Topic 26). Prerequisite: Upper-division standing. same as URB 354 (TOPIC 13), WGS 345 (TOPIC 26).

• 44835	MWF	900 - 1000	CLA 1.108	GREEN, P

SOC 336D RACE, CLASS, AND HEALTH

Designed to introduce students to the complex relationships among race, class, gender, and health status. Investigates how health is linked to individual behaviors and to the interaction between people and their social, cultural, and physical environments. Only one of the following may be counted: African and African Diaspora Studies 374 (Topic: Race, Class, and Health), Sociology 321K (Topic: Race, Class, and Health), 336D. Prerequisite: Upper-division standing.

• 44840	TTH	330 - 500P	CLA 1.104	JEON, J

SOC 350N RESEARCH INTERNSHIP

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Fieldwork in research and analysis on sociological problems and institutions. Prerequisite: Nine semester hours of coursework in sociology, a University grade point average of at least 3.00, upper-division standing, and consent of the faculty undergraduate adviser.

• 44845					

SOC 359 LABOR AND LABOR MOVEMENTS

Overview of work organizations in the United States, with emphasis on globalization, inequality, and labor movements. Prerequisite: Upper-division standing.

• 44850	TTH	930 - 1100	CBA 4.344	WILLIAMS, C

SOC 366 DEVIANCE

Analysis of social norms, conformity, and reactions to norm violations. Topics include behavioral forms of deviance such as suicide and drug abuse and nonbehavioral forms of deviance such as physical abnormality. Prerequisite: Upper-division standing.

• 44855	TTH	330 - 500P	BUR 224	OSBORNE, L

DEVIANCE

Designed to accommodate 35 or fewer students. Analysis of social norms, conformity, and reactions to norm violations. Topics include behavioral forms of deviance such as suicide and drug abuse and nonbehavioral forms of deviance such as physical abnormality. Prerequisite: Upper-division standing.

• 44860	TTH	200 - 330P	BUR 214	OSBORNE, L

SOC 369K POPULATION AND SOCIETY

The study of populations, including their growth, age structure, and patterns of fertility, mortality, and migration; the social causes and consequences of these phenomena. Only one of the following may be counted: Sociology 369K, Women's and Gender Studies 322 (Topic: Population and Society), 322 (Topic 2). Prerequisite: Upper-division standing. same as WGS 322 (TOPIC 2).

• 44865	MW	100 - 230P	CLA 0.102	CAVANAGH, S

SOC 679HA HONORS TUTORIAL COURSE

Additional hour(s) to be arranged. Research into and development of a thesis topic and proposal followed by the writing and defense of a thesis. Prerequisite: For 679HA, upper-division standing and admission to the Sociology Honors Program; for 679HB, Sociology 679HA. meets with SOC 679HB.

• 44870	MWF	1100 - 1200	CLA 0.124

SOC 679HB HONORS TUTORIAL COURSE

Additional hour(s) to be arranged. Research into and development of a thesis topic and proposal followed by the writing and defense of a thesis. Prerequisite: For 679HA, upper-division standing and admission to the Sociology Honors Program; for 679HB, Sociology 679HA. meets with SOC 679HA.

• 44875	MWF	1100 - 1200	CLA 0.124

SOC 379M SOCIOLOGICAL THEORY

Critical examination of major sociological theories and their relevance to current research and social conditions. Restricted to sociology majors. Prerequisite: Upper-division standing, and six semester hours of coursework in sociology or consent of instructor.

• 44880	TTH	1100 - 1230P	CLA 3.106	YOUNG, M
• 44885	TTH	1230 - 200P	CLA 1.106	ADUT, A
• 44890	TTH	200 - 330P	CLA 1.106	ADUT, A

SOC 379N CONFERENCE COURSE

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Supervised individual study of selected problems in sociology. Prerequisite: Upper-division standing, Sociology 302 or the equivalent, nine semester hours of upper-division coursework in sociology or relatedfields, a University grade point average of at least 3.00, and consent of the faculty undergraduate adviser.

• 44895					

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SOC 180 CONFERENCE COURSE
Hour(s) to be arranged. Sociological topics not otherwise offered at the graduate level. May be repeated for credit, but no more than six semester hours may be counted toward the Master of Arts and no more than twelve semester hours may be counted toward the doctoral degree. May not be substituted for required courses in statistics, methods, or theory, nor may more than one of the three other area requirements be fulfilled by Sociology 380. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 44900

SOC 280 CONFERENCE COURSE
Hour(s) to be arranged. Sociological topics not otherwise offered at the graduate level. May be repeated for credit, but no more than six semester hours may be counted toward the Master of Arts and no more than twelve semester hours may be counted toward the doctoral degree. May not be substituted for required courses in statistics, methods, or theory, nor may more than one of the three other area requirements be fulfilled by Sociology 380. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 44905

SOC 380 CONFERENCE COURSE
Hour(s) to be arranged. Sociological topics not otherwise offered at the graduate level. May be repeated for credit, but no more than six semester hours may be counted toward the Master of Arts and no more than twelve semester hours may be counted toward the doctoral degree. May not be substituted for required courses in statistics, methods, or theory, nor may more than one of the three other area requirements be fulfilled by Sociology 380. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 44910

SOC 384L SOCL STAT: BASIC CONC AND METH
Review of descriptive statistics; probability concepts; statistical inference, bivariate correlation and regression, multiple regression, dummy variables, analysis of variance, analysis of covariance; applications of statistical computing packages to social science data. May be counted toward the statistics and methods requirement. Required of all graduate students during their first semester of study. Prerequisite: Graduate standing.
• 44915 MW 300 - 430P CLA 0.122 GLASS, J
F 230 - 400P CLA 1.404

SOC 385K SOCL STAT: DIS MULTIVAR MODELS
Assumptions, estimation, testing, and parameter interpretation for models using categorical data; applications of statistical computing packages and programs to social science data. May be counted toward the statistics and methods requirement. Prerequisite: Graduate standing, and Sociology 384L or the equivalent. meets with SDS 385.
• 44920 MW 300 - 430P JES A218A POWERS, D

SOC 387J FUNDAMENTALS OF RESEARCH METHS
Fundamental assumptions and procedures for conducting sociological research, including the logic of science, the links between theory and methods, measurement, experiments, sampling, surveys, qualitative methods, and ethics. May be counted toward the statistics and methods requirement. Required of all graduate students during their first semester of study. Prerequisite: Graduate standing.
• 44925 T 300 - 600P CLA 2.706 MULLER, C

SOC 387L QUALITATIVE METHS FOR SOCL SCI
Qualitative survey research methods, approaches, and designs, including participant observational techniques, semistructured interviewing, and formal questionnaire and census-type surveys. May be counted toward the statistics and methods requirement. Sociology 387L and 387T may not both be counted. Prerequisite: Graduate standing. meets with LAS 381, P A 397C.
• 44930 T 900 - 1200 SRH 3.124 WARD, P

SOC 388J READINGS IN ETHNOGRAPHY
This reading-intensive seminar has four major objectives: 1) to become familiar with some classic and contemporary ethnographies, 2) to acquaint students with the methodological tenets of ethnography, 3) to consider theoretical and epistemological issues in ethnographic research, 4) to discuss narrative strategies in ethnographic writing. May be counted toward the statistics and methods requirement.
• 44935 TH 300 - 600P CLA 3.214F AUYERO, J

SOC 389K 4-INTERNATIONAL MIGRATION
Course number may be repeated for credit when the topics vary. Substantive issues and current topics in population studies and social demography. May be counted toward either the demography specialization or the race and ethnicity specialization in the sociology degree program. Prerequisite: Graduate standing. same as LAS 381 (TOPIC 1). also meets with MAS 392.
• 44940 W 300 - 600P BUR 214 RODRIGUEZ, N

6-TRAINING SMNR IN DEMOGRAPHY
Course number may be repeated for credit when the topics vary. Substantive issues and current topics in population studies and social demography. May be counted toward the demography specialization. Required for all students specializing in demography. Prerequisite: Graduate standing.
• 44945 F 1000 - 1200 CLA 3.106
F 1200 - 100P CLA 1.302E

13-EVENT HISTORY ANALYSIS
Course number may be repeated for credit when the topics vary. Substantive issues and current topics in population studies and social demography. Substantive issues and current topics in population studies and social demography. May be counted toward the demography specialization. Sociology 389K (Topic 13) and Statistics and Scientific Computation 385 (Topic: Event History Analysis) may not both be counted. Prerequisite: Graduate standing.
• 44950 T 300 - 600P CLA 3.214F HAYWARD, M

SOC 190K PROPOSAL PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of proposal for the doctoral dissertation. Prerequisite: Graduate standing, completion of all coursework, and consent of instructor.
• 44955

SOC 290K PROPOSAL PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of proposal for the doctoral dissertation. Prerequisite: Graduate standing, completion of all coursework, and consent of instructor.
• 44960

SOC 390K PROPOSAL PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of proposal for the doctoral dissertation. Prerequisite: Graduate standing, completion of all coursework, and consent of instructor.
• 44965

SOC 690K PROPOSAL PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of proposal for the doctoral dissertation. Prerequisite: Graduate standing, completion of all coursework, and consent of instructor.
• 44970

SOC 990K PROPOSAL PREPARATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of proposal for the doctoral dissertation. Prerequisite: Graduate standing, completion of all coursework, and consent of instructor.
• 44975

SOC 391L BASIC DEMOGRAPH METH AND MATLS
Population composition, change, and distribution; methods of standardizing and decomposing rates; life tables and population models; analysis of data from advanced and developing countries; applications of computer programs for demographic analysis. May be counted toward the statistics and methods requirement. Required of all students specializing in demography. Prerequisite: Graduate standing, and Sociology 384L or the equivalent.
• 44980 TTH 600 - 730P CLA 1.302A POTTER, J

SOC 394K 3-CLASSICAL SOCIAL THEORY
Course number may be repeated for credit when the topics vary. Development of social thought; the emergence of systematic sociological theory; interrelations with other social sciences. A review of classic works in sociological theory, focusing on the work of nineteenth-century and early twentieth-century theorists. Critically examines the historical and theoretical context of sociology's founding ideas. Explores the promises and problems of the relationship between sociological theory and the modern era. Graduate students in sociology must take Topics 2 and 3. May be counted toward the theory requirement. Required of all graduate students during their first semester of study. Prerequisite: Graduate standing.
• 44985 TH 300 - 600P CLA 3.106 YOUNG, M

12-SOCIOLOGY OF CULTURE
Course number may be repeated for credit when the topics vary. Development of social thought; the emergence of systematic sociological theory; interrelations with other social sciences. An overview of some of the major contemporary research in the sociology of culture. Includes discussion of meaning systems and their transformations; symbolic nature of consumption; relationship between culture and social stratification; cultural bases of power; culture industry; and sociology of the arts. Graduate students in sociology must take Topics 2 and 3. May be counted toward the theory requirement. Prerequisite: Graduate standing.
• 44990 T 600 - 900P CLA 3.106 ADUT, A

SOC 395G 10-SOCIOL OF SEXUAL VIOLENCE
Course number may be repeated for credit when the topics vary. Examines the different social forces and dynamics responsible for a variety of expressions of sexual violence existing in contemporary society. Designed to examine these processes promoting social violence from feminist-informed sociological perspectives; explore and analyze the historical, economic, and socio-cultural contexts responsible for these processes; study the issues and concerns with regard (but not limited) to gender, race and ethnicity, class, sexuality, and political activism associated with sexual violence research in the social sciences; and discuss and critique published sexual violence research based on qualitative methodologies across disciplines. Not all topics are offered every year. May be counted toward the gender specialization. Prerequisite: Graduate standing. meets with WGS 393.
• 44995 T 300 - 600P CLA 1.302F GONZALEZ-LOPEZ, G

SOC 395J 7-HEALTH AND THE LIFE COURSE
Course number may be repeated for credit when the topics vary. Health across the life course; the timing and sequencing of life-course experiences and events with respect to health. Not all topics are offered every year. May be counted toward either the health specialization or the demography specialization. Prerequisite: Graduate standing.
• 45000 TH 600 - 900P CLA 3.106 PUDROVSKA, T

SOC 396L 10-STRATIFICATN & SOCL MOBIL
Course number may be repeated for credit when the topics vary. May be counted toward the work, occupations, and organizations specialization. Prerequisite: Graduate standing.
• 45005 TH 300 - 600P CLA 1.302A PETTIT, E

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course unique days time room instructor

15-NGO'S IN DEVELOPING WORLD
Course number may be repeated for credit when the topics vary. Explores how non-governmental organizations reflect local and international initiatives related to human rights, the environment, sustainable development, health, education, and much more. May be counted toward the work, occupations, and organizations specialization. Prerequisite: Graduate standing. meets with P A 388K, LAS 381, S W 395K.
• 45010 M 300 - 600P CLA 3.106 ANGEL, R

SOC 396P ADV READINGS POLITICAL SOC
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 45015 W 600 - 900P CLA 3.106 CHARRAD, M

1-POLITICAL SOCIOLOGY
Course number may be repeated for credit when the topics vary. May be counted toward the political sociology specialization. Prerequisite: Graduate standing.
• 45020 M 300 - 600P CLA 3.214F SHAPIRA, H

20-PROSOCIAL BEHAVIOR
Course number may be repeated for credit when the topics vary. Instruction steers away from traditional focus of sociology and considers pro-social behavior - actions intended to help or benefit others. Similar to the "positive psychology" movement, which asks what makes individuals resilient and happy rather than abnormal or depressed,examines what makes individuals, groups, and communities sacrifice, trust, volunteer, and generally work together. Sociology 396P (Topic: Prosocial Behavior) and 396P (Topic 20) may not both be counted. Prerequisite: Graduate standing.
• 45025 T 300 - 600P CLA 1.302A PAXTON, P

SOC 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in sociology, twelve semester hours of graduate coursework in sociology, and consent of the graduate adviser; for 698B, Sociology 698A.
• 45030

SOC 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in sociology, twelve semester hours of graduate coursework in sociology, and consent of the graduate adviser; for 698B, Sociology 698A.
• 45035

SOC 398T SUPV TEACHING IN SOCIOLOGY
Offered on the credit/no credit basis only. Teaching under the close supervision of the course instructor for two semesters; weekly group meetings with the instructor, individual consultations, and reports throughout the teaching period. Prerequisite: Graduate standing.
• 45040 W 300 - 600P CLA 3.106 ROSE, M

SOC 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 45045

SOC 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 45050

SOC 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 45055

SOC 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Sociology 399R, 699R, or 999R.
• 45060

SOC 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Sociology 399R, 699R, or 999R.
• 45065

SOC 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Sociology 399R, 699R, or 999R.
• 45070

DEPARTMENT OF SPANISH AND PORTUGUESE

Iberian and Latin American Languages and Cultures - ILA
Portuguese Civilization - PRC
Portuguese - POR
Spanish - SPN
Spanish Civilization - SPC

ILA 380 INTRO THRY & RSRCH OF LIT/CUL
Offered on the letter-grade basis only. An introductory survey of theories, research methods, and issues of professionalization relevant to the study of Latin American and Iberian literatures and cultures. Designed to be taken in the first long semester of graduate study. Prerequisite: Graduate standing and consent of the graduate adviser.
• 45125 TH 500 - 800P BEN 1.118 DOMINGUEZ-RUVALCAB

ILA 381 INTRO THEORY & RSRCH OF LING
Offered on the letter-grade basis only. An introduction to the prevalent theories, research methods, and issues of professionalization relevant to the study of the language forms and language practices of individuals and societies. Designed to be taken in the first long semester of graduate study. Prerequisite: Graduate standing and consent of the graduate adviser.
• 45130 W 500 - 800P BEN 1.118 SESSAREGO, S

ILA 385T TEACHING PRACTICUM
Hour(s) to be arranged. Offered on the credit/no credit basis only. Mentorship and pedagogical training by working one-on-one with a faculty member on the development and design of an undergraduate, upper-division level course in their area of specialization. Prerequisite: Graduate standing; Iberian and Latin American Languages and Cultures 398T; admission to candidacy for the doctoral degree, including an approved dissertation proposal; and consent of the graduate adviser.
• 45135

ILA 387 FICTIONS OF THE REAL
Course number may be repeated for credit when the topics vary. Topics in the literatures and cultures of Spanish America, Spain, and related diasporas. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 45140 T 900 - 1200 BEN 1.118 POLIT, G

INDIGENOUS LAT AMER ARCHIVES
Course number may be repeated for credit when the topics vary. Topics in the literatures and cultures of Spanish America, Spain, and related diasporas. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 45145 TH 900 - 1200 MCDONOUGH, K

VIOLENCE IN CONQUEST NARRTV
Course number may be repeated for credit when the topics vary. Topics in the literatures and cultures of Spanish America, Spain, and related diasporas. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 45150 W 400 - 700P CAL 22 HARNEY, M

ILA 388 BRAZILIAN CULTURAL THEORY
Course number may be repeated for credit when the topics vary. Topics in the literatures and cultures of Brazil, Portugal, and related diasporas. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 45155 W 100 - 400P BEN 1.118 MOORE, L

ILA 395 SUPERVISED PREP OF DISS FIELDS
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Preparation of field lists, and critical summaries of these lists, under faculty supervision. Prepares students for Iberian and Latin American Languages and Cultures 396. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 45160

ILA 396 SUPRVSD PREP OF DISSRTN PROPSL
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Supervised preparation for the dissertation proposal for the doctoral degree. Designed to be taken in the same semester the student submits the proposal, typically the sixth or seventh long semester of study. Prerequisite: Iberian and Latin American Languages and Cultures 395, and consent of instructor and the graduate adviser.
• 45165

ILA 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of the report required to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 45170

ILA 398T SUPRVSD TEACHING IN SPN & POR
Offered on the letter-grade basis only. Required for teaching assistants during their first semester that they teach. Fundamentals of foreign language teaching methodology, with particular reference to the teaching of Spanish and Portuguese. Presentation of theoretical concepts on which classroom practice is based, in conjunction with teaching under close supervision of the course instructor, individual consultations, reading assignments, and reports. Prerequisite: Graduate standing, appointment as a teaching assistant, and consent of instructor and the graduate adviser.
• 45175 T 1000 - 100P SZB 284 MURPHY, M

ILA 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised research and reading for the dissertation for the doctoral degree. Designed to be taken in the semester following successful submission of the dissertation proposal, typically the seventh or eighth long semester of study. Prerequisite: Admission to candidacy for the doctoral degree, and consent of instructor and the graduate adviser.
• 45180

ILA 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised research and reading for the dissertation for the doctoral degree. Designed to be taken in the semester following successful submission of the dissertation proposal, typically the seventh or eighth long semester of study. Prerequisite: Admission to candidacy for the doctoral degree, and consent of instructor and the graduate adviser.
• 45185

ILA 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised research and reading for the dissertation for the doctoral degree. Designed to be taken

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in the semester following successful submission of the dissertation proposal, typically the seventh or eighth long semester of study. Prerequisite: Admission to candidacy for the doctoral degree, and consent of instructor and the graduate adviser.
• 45190

ILA 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Supervised writing of the dissertation for the doctoral degree. Prerequisite: Iberian and Latin American Languages and Cultures 399R, 699R, or 999R, and consent of instructor and the graduate adviser.
• 45195

ILA 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Supervised writing of the dissertation for the doctoral degree. Prerequisite: Iberian and Latin American Languages and Cultures 399R, 699R, or 999R, and consent of instructor and the graduate adviser.
• 45200

ILA 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Supervised writing of the dissertation for the doctoral degree. Prerequisite: Iberian and Latin American Languages and Cultures 399R, 699R, or 999R, and consent of instructor and the graduate adviser.
• 45205

POR 601D FIRST-YEAR PORTUGUESE I
Development of speaking, listening, reading, and writing skills; building vocabulary, learning basic rules and terminology of grammar; and gaining a better understanding of Portuguese-speaking cultures, with focus on Brazil, in order to communicate in an accurate, effective, and informed manner within a variety of socio-cultural situations. Only one of the following may be counted: Portuguese 601D and 610D; 604;406 and 407; 508; 610S.
• 45260 MWF 1200 - 200P CLA 0.124

POR 610D FIRST-YEAR PORTUGUESE II
Development of speaking, listening, reading, and writing skills; building vocabulary, learning basic rules and terminology of grammar; and gaining a better understanding of Portuguese-speaking cultures, with focus on Brazil, in order to communicate in an accurate, effective, and informed manner within a variety of socio-cultural situations. Only one of the following may be counted: 604, 610D, 610S. Only one of the following may by counted: Portuguese 610D, 612, 312K, 516. Prerequisite: Portuguese 601D or 407 with a grade of at least C.
• 45265 MWF 200 - 400P CLA 0.124

POR 610S PORTUGUESE FOR SPANISH SPKR I
Designed to provide qualified Spanish-speaking students a rapid introduction to Portuguese language. Development of speaking, listening, reading, and writing skills; building vocabulary, learning basic rules and terminology of grammar; and gaining a better understanding of Portuguese-speaking cultures, with a focus on Brazil, in order to communicate in an accurate, effective, and informed manner within a variety of socio-cultural situations. Only one of the following may be counted: Portuguese 601D and 610D; 604; 406 and 407; 508; 610S.
• 45270 MWF 200 - 400P CBA 4.342

POR 611D SECOND-YEAR PORTUGUESE
Focuses on the development of speaking, listening, reading, and writing skills while building vocabulary. Reviews rules and terminology of Portuguese grammar. Introduces complex grammar structures and Portuguese speaking cultures, with a focus on Brazil, in order to communicate in anaccurate, effective, and informed manner within a variety of socio-cultural situations. Only one of the following may be counted: Portuguese 611D; 611S; 612; 312K and 312L; 516. Prerequisite: Portuguese 508, 610D, 610S, or 312K with a grade of at least C.
• 45275 MWF 1000 - 1200 SZB 286

POR 611S PORTUGUESE FOR SPANISH SPKR II
Continuation of Portuguese 610S. Only one of the following may be counted: Portuguese 611S, 612, 312K and 312L, 516. Portuguese 610D and 611S may not both be counted. Portuguese 611D and 611S may not both be counted. Prerequisite: Portuguese 604, 508, or 610S with a grade of at least C.
• 45280 MWF 1000 - 1200 MEZ 1.118 FLANZER, V

POR 328C INTRO TO LIT & CUL
Overview of Luso-Brazilian literatures and cultures, including the arts and popular expressions from a multidisciplinary perspective. Among the regions studied are Brazil, Portugal, and related areas in Africa. Prerequisite: Portuguese 611D, 611S, 612, 312L, or 516. same as LAS 370P (TOPIC 2).
• 45285 TTH 930 - 1100 MEZ 1.212 RONCADOR, S

POR 330L INTRO LANG & LINGSTCS IN SOCTY
Examines the dynamics of language structure and use throughout the Portuguese-speaking world. Covers topics such as sound systems, grammatical structures, historical developments, language learning and loss, dialect differences, and their social significance. Prerequisite: Portuguese 611D, 611S, 612, 312L, or 516.
• 45290 TTH 1230 - 200P MEZ 1.212 KELM, O

POR 396K 2-INTRO TO ROMANCE LINGUISTICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in languages and consent of instructor and the graduate adviser. same as FR 396K (TOPIC 1), ITL 396K (TOPIC 1), LIN 383 (TOPIC 3), SPN 396K (TOPIC 2).
• 45295 TTH 930 - 1100 HRH 2.106C RUSSI, C

POR 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Portuguese and consent of the graduate adviser; for 698B, Portuguese 698A.
• 45300

POR 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Portuguese and consent of the graduate adviser; for 698B, Portuguese 698A.
• 45305

POR 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Portuguese and consent of the graduate adviser.
• 45310

POR 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 45315

POR 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 45320

POR 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser.
• 45325

POR 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Portuguese 399R, 699R, or 999R, and consent of the graduate adviser.
• 45330

POR 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Portuguese 399R, 699R, or 999R, and consent of the graduate adviser.
• 45335

POR 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Portuguese 399R, 699R, or 999R, and consent of the graduate adviser.
• 45340

SPN 301 SPN FOR GRAD STU IN OTHER DEPT
Offered on the letter-grade basis only. Purpose: To introduce fundamentals of grammar and lexicon to enable students to read texts in their areas of specialization. Primary aim: Toallow students to acquire reading proficiency. Also presents audio-aural aspect. May not be used to fulfill the undergraduate foreign language requirement. For graduate students in other departments seeking to fulfill degree language requirements. No auditors. Prerequisite: Graduate standing.
• 45395 MWF 100 - 200P MEZ 1.210 DUNLAP, C

SPN 601D FIRST-YEAR SPANISH I
Focus on the development of multilingual literacy through the analysis and use of Spanish to achieve linguistic competence (simple present and past tenses, pronouns, adjectives), communication and interactional competence (complimenting, thanking, requesting, giving opinions), and metalinguistic competence (parts of speech, sociolinguistic cues, dialectal differences). Only one of the following may be counted: Spanish 601D, 604, 506. Only one of the following may be counted: Spanish 601D, 604, 507, 508K.
• 45400 MWF 800 - 1000 BEN 1.104
• 45405 MWF 800 - 1000 BEN 1.124
• 45410 MWF 800 - 1000 GAR 0.120
• 45415 MWF 800 - 1000 MEZ B0.302
• 45420 MWF 800 - 1000 SZB 524
• 45425 MWF 1000 - 1200 BEN 1.104
• 45430 MWF 1000 - 1200 BEN 1.106
• 45435 MWF 1000 - 1200 BEN 1.108
• 45440 MWF 1000 - 1200 BEN 1.124
• 45445 MWF 1000 - 1200 CAL 221
• 45450 MWF 1200 - 200P BEN 1.102
• 45455 MWF 1200 - 200P BEN 1.104
• 45460 MWF 1200 - 200P BEN 1.108 NEVAREZ, I
• 45465 MWF 200 - 400P BEN 1.102 DUNLAP, C
• 45470 MWF 200 - 400P BEN 1.104
• 45475 MWF 200 - 400P BEN 1.124
• 45480 MWF 200 - 400P BEN 1.126
• 45485 MWF 400 - 600P BEN 1.102
• 45490 MWF 400 - 600P BEN 1.104
• 45495 MWF 400 - 600P BEN 1.108
• 45500 MWF 400 - 600P BEN 1.124
• 45505 MWF 400 - 600P MEZ 1.102

SPN 604 ACC INTRO SPN HERITAGE LEARNER
Designed primarily for students who have a cultural and linguistic connection to Spanish. Only one of the following may be counted: Spanish 601D, 604, 506. Only one of

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the following may be counted: Spanish 601D, 604, 507, 508K. Spanish 604 and 312K may not both be counted. Spanish 604 and 610D may not both be counted.

• 45510	MWF	1000 - 1200	MEZ 1.102	MONTESINOS, D
• 45515	MWF	1200 - 200P	PAR 101	RAMIREZ, S
• 45520	MWF	200 - 400P	MEZ 1.204	
• 45525	MWF	400 - 600P	MEZ 1.118	

SPN 610D FIRST-YEAR SPANISH II

Focus on the development of multilingual literacy through the analysis and use of Spanish to achieve linguistic competence (commands, subjunctive, hypotheticals, future), communication and interactional competence (disagreeing, suggesting, turn taking), and metalinguistic competence (critical analysis of oral and written texts, dialectal differences). Only one of the following may be counted: Spanish 604, 610D, 312K. Prerequisite: Spanish 601D, 507, or 508K with a grade of at least C.

• 45530	MWF	800 - 1000	MEZ 1.202	
• 45535	MWF	800 - 1000	MEZ 1.210	GOMEZ-VAZQUEZ, D
• 45540	MWF	800 - 1000	PAR 302	
• 45545	MWF	1000 - 1200	MEZ 1.210	PORTO, L
• 45550	MWF	1000 - 1200	PAR 302	
• 45555	MWF	1200 - 200P	PAR 302	
• 45560	MWF	200 - 400P	CAL 21	JOHNSON, J
• 45565	MWF	200 - 400P	WAG 112	MANNING, S
• 45570	MWF	400 - 600P	GAR 0.120	
• 45575	MWF	400 - 600P	MEZ 1.210	

FIRST-YEAR SPANISH II

Focus on the development of multilingual literacy through the analysis and use of Spanish to achieve linguistic competence (commands, subjunctive, hypotheticals, future), communication and interactional competence (disagreeing, suggesting, turn taking), and metalinguistic competence (critical analysis of oral and written texts, dialectal differences). Only one of the following may be counted: Spanish 604, 610D, 312K. Prerequisite: Spanish 601D, 507, or 508K with a grade of at least C. Restricted to students in the Texas Interdisciplinary Plan.

• 45580	MWF	400 - 600P	PAR 305	

FIRST-YEAR SPANISH II

Additional hour(s) to be arranged. Focus on the development of multilingual literacy through the analysis and use of Spanish to achieve linguistic competence (commands, subjunctive, hypotheticals, future), communication and interactional competence (disagreeing, suggesting, turn taking), and metalinguistic competence (critical analysis of oral and written texts, dialectal differences). Only one of the following may be counted: Spanish 604, 610D, 312K. Prerequisite: Spanish 601D, 507, or 508K with a grade of at least C. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.

• 45585	MWF	1200 - 100P	MEZ 1.210	WHITEHEAD, S

SPN 611D SECOND-YEAR SPANISH

Additional hour(s) to be arranged. Focus on the development of multilingual literacy through the analysis and use of Spanish to achieve linguistic competence (aspect, mood, compound tenses, passive voice), communication and interactional competence (pragmatics, cultural perspectives), and metalinguistic competence (critical analysis of oral and written texts, dialectal differences). Only one of the following may be counted: Spanish 611D, 612, 312L. Prerequisite: Spanish 604, 610D or 312K with a grade of at least C. Partially taught as a Web-based course.

• 45590	MWF	800 - 900	MEZ 1.208	POSTIGO OLSSON, P
• 45595	MWF	900 - 1000	MEZ 1.208	
• 45600	MWF	1000 - 1100	MEZ 1.208	
• 45605	MWF	1100 - 1200	MEZ 1.208	
• 45610	MWF	1200 - 100P	MEZ 1.120	OGANDO LAVIN, G

SECOND-YEAR SPANISH

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Focus on the development of multilingual literacy through the analysis and use of Spanish to achieve linguistic competence (aspect, mood, compound tenses, passive voice), communication and interactional competence (pragmatics, cultural perspectives), and metalinguistic competence (critical analysis of oral and written texts, dialectal differences). Only one of the following may be counted: Spanish 611D, 612, 312L. Prerequisite: Spanish 604, 610D or 312K with a grade of at least C. Partially taught as a Web-based course.

• 45615	MWF	100 - 200P	MEZ 1.120	

SECOND-YEAR SPANISH

Additional hour(s) to be arranged. Focus on the development of multilingual literacy through the analysis and use of Spanish to achieve linguistic competence (aspect, mood, compound tenses, passive voice), communication and interactional competence (pragmatics, cultural perspectives), and metalinguistic competence (critical analysis of oral and written texts, dialectal differences). Only one of the following may be counted: Spanish 611D, 612, 312L. Prerequisite: Spanish 604, 610D or 312K with a grade of at least C. Partially taught as a Web-based course.

• 45620	MWF	200 - 300P	MEZ 1.202	
• 45625	MWF	400 - 500P	MEZ 1.208	
• 45630	MWF	500 - 600P	MEZ 1.208	

SECOND-YEAR SPANISH

Additional hour(s) to be arranged. Focus on the development of multilingual literacy through the analysis and use of Spanish to achieve linguistic competence (aspect, mood, compound tenses, passive voice), communication and interactional competence (pragmatics, cultural perspectives), and metalinguistic competence (critical analysis of oral and written texts, dialectal differences). Only one of the following may be counted: Spanish 611D, 612, 312L. Prerequisite: Spanish 604, 610D or 312K with a grade of at least C. Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.

• 45635	MWF	300 - 400P	MEZ 1.208	

SPN 612 ACC INTER SPN HERITAGE LEARNER

Designed primarily for students who have a cultural and advanced linguistic connection to Spanish. Only one of the following may be counted: Spanish 611D, 612, 312L. Prerequisite: Spanish 604 or 610D with a grade of at least C.

• 45640	MWF	800 - 1000	MEZ 1.102	MEINERS, J
• 45645	MWF	800 - 1000	MEZ 1.212	
• 45650	MWF	1200 - 200P	MEZ 1.212	
• 45655	MWF	200 - 400P	PAR 105	ECHAVARRIA, M

SPN 327C ADV GRAM & WRITING IN CONTEXT

Study and practice of Spanish grammar that includes reading exercises and guided composition designed to develop writing skills across styles.Students will be exposed to various topics in Spanish language, literature, and culture. Only one of the following may be counted: Spanish 327C, 327G, or 327N. Prerequisite: Spanish 611D, 612, or 312L.

• 45660	TTH	800 - 930	BEN 1.102	MONTESINOS, D
• 45665	TTH	930 - 1100	BEN 1.104	RAMIREZ, S
• 45670	TTH	1100 - 1230P	BEN 1.104	CABELLO DE MARTINE
• 45675	MWF	1200 - 100P	BEN 1.126	MANNING, S

SPN 327N ACADEMIC WRTG HERITAGE SPKRS

Designed to accommodate 35 or fewer students. Designed specifically for heritage speakers of Spanish and includes a wide range of cultural readings and writing tasks. Aims to strengthen the clarity and organization of writing, promote critical thinking, and master grammar points of particular concern to heritage speakers. Only one of the following may be counted: Spanish 327C, 327G, or 327N. Prerequisite: Spanish 611D, 612, or 312L.

• 45680	MWF	800 - 900	BEN 1.102	ECHAVARRIA, M
• 45685	MWF	100 - 200P	BEN 1.126	MEINERS, J

SPN 327W ADV GRAMMAR AND COMPOSITION II

Develops writing skills needed for upper-division coursework in Spanish.Emphasizes grammar in Spanish language, literature, and culture, exploring different compositional styles. Prerequisite: Spanish 327C (or 327G) or 327N with a grade of at least C.

• 45690	MWF	400 - 500P	MEZ 1.122	JOHNSON, J

SPN 328C INTRO TO LITERATURES/CULS

Overview of Iberian and/or Latin American literatures and cultures, including the arts and popular expressions, from a multidisciplinary perspective. Among the regions studied are Spain; North, Central, and South America; the Caribbean; and related areas in Africa. Only one of the following may be counted: Latin American Studies 370S (Topic 27), Spanish 328, 328C. Only one of the following may be counted: Latin American Studies 370S (Topic 3), 370S (Topic 27), Spanish 322K, 328C. Prerequisite: Spanish 611D, 612, or 312L. same as LAS 370S (TOPIC 27).

• 45695	TTH	930 - 1100	MEZ 1.216	LINDSTROM, N
• 45700	MWF	1000 - 1100	MEZ 1.202	SUTHERLAND-MEIER
• 45705	MWF	1200 - 100P	MEZ 1.216	SUTHERLAND-MEIER
• 45710	TTH	200 - 330P	BEN 1.108	PEREZ, J

SPN 330L INTRO LANG AND LING IN SOCIETY

Designed to accommodate 35 or fewer students. Examines the dynamics of language structure and use throughout the Spanish-speaking world, and covers topics such as sound systems, grammatical structures, historical developments, language learning and loss, and dialect differences and their social significance. Spanish 330L and 345L may not both be counted. Prerequisite: Spanish 611D, 612, or 312L.

• 45715	MWF	100 - 200P	PAR 206	GOMEZ-VAZQUEZ, D

INTRO LANG AND LING IN SOCIETY

Examines the dynamics of language structure and use throughout the Spanish-speaking world, and covers topics such as sound systems, grammatical structures, historical developments, language learning and loss, and dialect differences and their social significance. Spanish 330L and 345L may not both be counted. Prerequisite: Spanish 611D, 612, or 312L.

• 45720	TTH	800 - 930	BEN 1.122	NISHIDA, C
• 45725	TTH	1230 - 200P	BEN 1.122	NISHIDA, C

SPN 346 SOUNDS AND INTONATION

Introduction to the study of Spanish phonetics and phonology, focusing on four aspects: mechanisms of sound production, representation of sounds and intonation, dialect variation, and comparison with English. Prerequisite: Spanish 327C (or 327G) or 327N, and 330L.

• 45730	MWF	1100 - 1200	BEN 1.126	SESSAREGO, S

SPN 351 DON QUIJOTE & EARLY MOD WORLD

Designed to accommodate 35 or fewer students. Study of Cervantes's Don Quijote in depth in the original Spanish. Examines the author's views on artistic freedom, as well as his manipulation of literary genres and conventions, with his questions regarding the dominant political, religious, and literary discourses of early modern Spain. Prerequisite: Spanish 327C (or 327G) or 327N, and 328C.

• 45734	TTH	1230 - 200P	PAR 210	REED, C

SPN 353 SOCIOLINGUISTICS

Explores the interrelationship of language and society, with reference to the Spanish-speaking world. Studies how socioeconomic, political, andanthropological factors like

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race, social class, gender, age, and identity influence linguistics forms. Prerequisite: Spanish 327C (or 327G) or 327N, and 330L (or 345L).
• 45735 TTH 930 - 1100 MEZ 1.202 KOIKE, D

SPN 355 GENDER/MOD IN MEX LIT AND CULT
Course number may be repeated for credit when the topics vary. Study of important themes or issues in the cultural production of the Latin American world. Among the regions studied are Spain; North, Central, and South America; the Caribbean; and related areas in Africa. Prerequisite: Spanish 327C (or 327G) or 327N, and 328C. meets with LAS 370S.
• 45740 TTH 1100 - 1230P BEN 1.124 DOMINGUEZ-RUVALCAB

3-JEWISH VOICES FR LATIN AMER
Course number may be repeated for credit when the topics vary. Study of important themes or issues in the cultural production of the Latin American world. Among the regions studied are Spain; North, Central, and South America; the Caribbean; and related areas in Africa. Overview of popular Jewish writers from Brazil and Spanish America, with special emphasis on those who portray in their work the situation of the Jewish communities of their respective cities and countries. Only one of the following may be counted: Jewish Studies 363 (Topic: Latin American Jewish Writers), 363 (Topic 15), Latin American Studies 328 (Topic 4), 370S (Topic: Latin American Jewish Writers), 370S (Topic 32), Spanish 352 (Topic: Latin American Jewish Writers), 355 (Topic 3), Spanish Civilization 320C (Topic 1). Prerequisite: Spanish 327C (or 327G) or 327N, and 328C. same as LAS 370S (TOPIC 32).
• 45745 TTH 1230 - 200P MEZ 1.216 LINDSTROM, N

SPN 356 INDIGENOUS RESURGENCE
Course number may be repeated for credit when the topics vary. Examines how indigenous writers, artists, and cultural producers have established their own voices and languages through writing and other forms of media. Analysis of the indigenous artistic and intellectual production in concrete political and cultural contexts. Prerequisite: Spanish 327C (or 327G) or 327N, and 328C. meets with LAS 370S.
• 45750 TTH 930 - 1100 BEN 1.108 CARCAMO-HUECHANTE

SPN 357 REFORMER/REVOLUTION/ROMANTICS
Course number may be repeated for credit when the topics vary. Study of important themes or issues in the cultural production of the Iberian world. Subjects include various cultural expressions and their relevance in specific political and historical contexts. Prerequisite: Spanish 327C (or 327G) or 327N, and 328C.
• 45755 TTH 1100 - 1230P BEN 1.108 SUTHERLAND-MEIER

SPN 359 US LATINO LIT & CULS IN CTX
Examines the United States Latino literary and cultural production from multidisciplinary perspectives, such as literature, film, music, and performance. Analysis of the literatures and experiences of United States Latino writers and artists in their historical and cultural specificities. Latin American Studies 370S (Topic 43) and Spanish 359 may not both be counted. Prerequisite: Spanish 327C (or 327G) or 327N, and 328C. same as LAS 370S (TOPIC 43).
• 45760 TTH 800 - 930

SPN 364L LING AND THE SPANISH LEARNER
Focuses on instructed and naturalistic second language (L2) development among adults. Subjects include: L2 acquisition theories, Spanish learners' difficulties, learners' and teachers' beliefs about L2, learners' motivations and needs, and heritage language learners. Prerequisite: Spanish 327C (or 327G) or 327N, and 330L (or 345L).
• 45765 TTH 1230 - 200P MEZ B0.302 KOIKE, D

SPN 367P 1-SPANISH HLTH CARE PROFESSNS
Course number may be repeated for credit when the topics vary. Develops vocabulary, grammar, expressions, and interactional skills thatare related to foreign language for professional purposes. Also covers cultural issues that affect professional activities in Spanish-speaking communities. Designed to exercise fluency in both spoken and written language in health care situations. Focus on the complex grammatical concepts and cultural issues that affect professional activities in Spanish-speaking communities. Only one of the following may be counted: Latin American Studies 322 (Topic 17), Spanish 367K (Topic 7), 367P (Topic 1). Prerequisite: Spanish 327C (or 327G) or 327N. Additional prerequisite: Spanish 327C (or 327G), 328C, and 330L. same as LAS 322 (TOPIC 17).
• 45770 TTH 200 - 330P MEZ 1.102 CABELLO DE MARTINE

2-BUSINESS IN HISPAN LIFE/CUL
Course number may be repeated for credit when the topics vary. Develops vocabulary, grammar, expressions, and interactional skills thatare related to foreign language for professional purposes. Also covers cultural issues that affect professional activities in Spanish-speaking communities. Only one of the following may be counted: Latin American Studies 322 (Topic 18), 370S (Topic 19), Spanish 350 (Topic 10), Spanish 367P (Topic2). Prerequisite: Spanish 327C (or 327G) or 327N. Prerequisite: Spanish 327C (or 327G) and 328C. same as LAS 322 (TOPIC 18).
• 45775 TTH 1100 - 1230P MEZ 1.212 KELM, O

SPN 368C CONTACT SPANISH IN THE U.S.
Course number may be repeated for credit when the topics vary. Investigates Spanish in contact with other languages and among differentregional varieties in historical and contemporary settings. Prerequisite: Spanish 327C (or 327G) or 327N, and 330L.
• 45780 TTH 930 - 1100 MEZ 1.208 TORIBIO, A

SPN 379C CAPSTONE SEMINAR IN LIT & CUL
Brings together central issues, concepts, and themes that define Iberian or Latin American literatures and cultures, while focusing on a specific case-study or case-studies. Prerequisite: Spanish 327C (or 327G), 328C, and twelve hours of upper-division coursework in Spanish.
• 45785 TTH 1100 - 1230P MEZ 1.210 REED, C
• 45790 TTH 1230 - 200P MEZ 1.210 MCDONOUGH, K

SPN 385L CONF CRS IN HISPAN LIT & LING
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. For students needing specialized courses not normally or not often included in the regular course offerings. Prerequisite: Graduate standing and written consent of the graduate adviser.
• 45795

SPN 396K 2-INTRO TO ROMANCE LINGUISTICS
Course number may be repeated for credit when the topics vary. General survey of the development of spoken Latin in Italy, Spain, Portugal, and France; main traits of phonology, morphology, and syntax of each modern derivative language. Prerequisite: Graduate standing in languages and consent of instructor and the graduate adviser. same as FR 396K (TOPIC 1), ITL 396K (TOPIC 1), LIN 383 (TOPIC 3), POR 396K (TOPIC 2).
• 45800 TTH 930 - 1100 HRH 2.106C RUSSI, C

SPN 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Spanish and consent of the graduate adviser; for 698B, Spanish 698A and consent of the graduate adviser.
• 45805

SPN 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in Spanish and consent of the graduate adviser; for 698B, Spanish 698A and consent of the graduate adviser.
• 45810

SPN 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in Spanish and consent of the graduate adviser.
• 45815

SPN 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consentof the graduate adviser.
• 45820

SPN 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consentof the graduate adviser.
• 45825

SPN 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consentof the graduate adviser.
• 45830

SPN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Spanish 399R, 699R, or 999R, and consent of the graduate adviser.
• 45835

SPN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Spanish 399R, 699R, or 999R, and consent of the graduate adviser.
• 45840

SPN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Spanish 399R, 699R, or 999R, and consent of the graduate adviser.
• 45845

SPC 320C LATINO CARIB CULT/DIASP IN US
Course number may be repeated for credit when the topics vary. Significant issues in Iberian or Latin American societies and cultures. meets with C L 323, LAS 328.
• 45900 TTH 1230 - 200P MEZ 1.118 SALGADO, C

CENTER FOR WOMEN'S AND GENDER STUDIES

Women's and Gender Studies - WGS

WGS 301 4-FAMILY RELATIONSHIPS
Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. The process of family interaction over the life cycle. Application of research findings to the understanding of relationships. Only one of the following may be counted: Human Development and Family Sciences 304, 304H, Women's and Gender Studies 301 (Topic 4). Prerequisite: Varies with the topic. same as HDF 304.
• 45955 TTH 200 - 330P MEZ 1.306 GLEASON, M

6-ETHNCTY & GENDER: LA CHICANA
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Mexican American Studies 311, 319 (Topic 1), Sociology 308 (Topic: Ethnicity and Gender: La Chicana), 308D, Women's and Gender Studies 301 (Topic 6). Prerequisite: Varies with the topic. same as MAS 311, SOC 308D. also meets with AMS 315.
• 45960 MWF 900 - 1000 GAR 0.132

April 3, 2018

course	unique	days	time	room	instructor

• 45965 MWF 1200 - 100P

12-GAY & LESBIAN LIT & CULTURE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. American writing by gay, lesbian, bisexual, transgender, or queer authors and/or with gay, lesbian, bisexual, transgender, or queer themes. English 314V (Topic 4) and Women's and Gender Studies 301 (Topic 12) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: One of the following: English 603A, Rhetoric and Writing 306, 306Q, or Tutorial Course 603A. same as E 314V (TOPIC 4).

• 45970 TTH 930 - 1100 MEZ 1.102

24-RACE, IMMIGRATION & FAMILY

Course number may be repeated for credit when the topics vary. Introduction to family systems in the United States in a post-WWII framework with a central focus on Asian Americans. Students will investigate how gender, race, and ethnicity intersect and inform our understanding of the institution of the family. Only one of the following may be counted: American Studies 315 (Topic: Alternative Family Systems), 315 (Topic 3), Asian American Studies 310 (Topic: Alternative Family Systems), 310 (Topic 5), Women's and Gender Studies 301 (Topic: Alternative Family Systems), 301 (Topic 24). Prerequisite: Varies with the topic. same as AAS 310 (TOPIC 5), AMS 315 (TOPIC 3).

• 45975 MWF 100 - 200P CMA 5.190 GUNASENA, N

27-WOMEN, GENDER, LIT, CULTURE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An introduction to literary analysis focusing on women's and gender studies. English 314V (Topic 6) and Women's and Gender Studies 301 (Topic 27) may not both be counted. Prerequisite: Varies with the topic. same as E 314V (TOPIC 6).

• 45980 MWF 900 - 1000 PAR 303

WGS 303 INTRODUCTION TO LGBTQ STUDIES

Explores concepts of gender and sexuality, race, class, religion, and nation; as well as skills in theory, history, and research methods relevant to LGBTQ studies. The course will also survey the making of modern understandings of sexual and LGBTQ identities in the last one hundred years and the implications of this history for broader understandings of gender and sexuality. Women's and Gender Studies 301 (Topic: Introduction to LGBTQ Studies) and 303 may not both be counted. Prerequisite: Consent of instructor.

• 45990 TTH 200 - 330P MEZ 1.122 NAULT, C

WGS 305 INTRO TO WOMEN'S & GENDER STDS

Introduction to the role of gender identity and representation in key social institutions and processes, including borders, displacements, and diasporas. Analysis of the social narratives of gender, race, and sexuality. Women's and Gender Studies 301 (Topic: Introduction to Women's and Gender Studies) and 305 may not both be counted.

• 45995 TTH 930 - 1100 MEZ 1.206

• 46000 TTH 1230 - 200P GAR 1.134

WGS 313 CHILD DEVELOPMENT

Designed to accommodate 100 or more students. Motor, language, cognitive, social, and emotional development in the family context. Only one of the following may be counted: Human Development and Family Sciences 313, 313H, Women's and Gender Studies 301 (Topic 5), 313. Prerequisite: Credit or registration for Human Development and Family Sciences 113L, and Psychology 301 with grade of at least C-. same as HDF 313.

• 46005 TTH 500 - 630P FAC 21 SPERANZA, H

WGS 322 1-SOCIOLOGY OF GENDER

Course number may be repeated for credit when the topics vary. Multidisciplinary topics using approaches from the social sciences to examine gender constructs and male/female roles. Inequality between the sexes; men's and women's changing roles in society. Sociology 333K and Women's and Gender Studies 322 (Topic 1: Sociology ofGender) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as SOC 333K.

• 46010 TTH 800 - 930 UTC 1.146 WILLIAMS, C

2-POPULATION AND SOCIETY

Course number may be repeated for credit when the topics vary. Multidisciplinary topics using approaches from the social sciences to examine gender constructs and male/female roles. The study of populations, including their growth, age structure, and patterns of fertility, mortality, and migration; the social causes and consequences of these phenomena. Only one of the following may be counted: Sociology 369K, Women's and Gender Studies 322 (Topic: Population and Society), 322 (Topic 2). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as SOC 369K.

• 46015 MW 100 - 230P CLA 0.102 CAVANAGH, S

6-SOCIOLOGY OF RACE AND WORK

Course number may be repeated for credit when the topics vary. Multidisciplinary topics using approaches from the social sciences to examine gender constructs and male/female roles. Critical examination of work in the United States over the twentieth and twenty-first centuries through a gendered, Asian American lens, using a comparative race perspective. Subjects include the sociological examination of concepts such as labor markets, globalization, care work, and gender/racial segregation in the workplace along with the ways race and gender shape how and where individuals are fitted into the workplace, how skills are evaluated, and how labor markets emerge. Only one of the following may be counted: Asian American Studies 330 (Topic: Sociology of Race and Work), 330 (Topic 4), Sociology 321K (Topic: Sociology of Race and Work), 321R, Women's and Gender Studies 322 (Topic: Sociology of Race and Work), 322 (Topic 6). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AAS 330 (TOPIC 4), SOC 321R.

• 46020 MWF 1200 - 100P GEA 127 BHALODIA, A

8-RACE/GENDER/SURVEILLANCE

Course number may be repeated for credit when the topics vary. Multidisciplinary topics using approaches from the social sciences to examine gender constructs and male/female roles. Overview of theories in the sociology of social control, with a focus on risk, power, ethics, and surveillance. Examines historical transformations in social control and the distributions of power in the United States and global contexts, with attention to race, gender, and class. Subjects include: the transatlantic slave trade; prisons and punishment; the gaze, voyeurism, and reality television watching; the Internet; travel and state borders; privacy; and biometrics and the body. Only one of the following may be counted: African and African Diaspora Studies 372C (Topic 12), 374E (Topic: Surveillance and Social Control), American Studies 321 (Topic 6), Sociology 321K (Topic: Surveillance and Social Control), 322V, Women's and Gender Studies 322 (Topic: Surveillance and Social Control), 322 (Topic 8). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AFR 372C (TOPIC 12), AMS 321 (TOPIC 6), SOC 322V.

• 46025 TTH 930 - 1100 WAG 101 BROWNE, S

WGS 324 GENDER AND FAN CULTURE

Course number may be repeated for credit when the topics vary. Multidisciplinary course examining issues of women, gender, and sexuality in media industries, texts, and audiences. Prerequisite: Varies with the topic. meets with RTF 359S (TOPIC 12).

• 46030 MWF 1000 - 1100 BMC 3.206 SCOTT, S
M 500 - 730P CMA 3.120

4-GENDER & THE NEWS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Multidisciplinary course examining issues of women, gender, and sexuality in media industries, texts, and audiences. Historical and contemporary exploration of gender and the news. Examination of the role of marginalized gender groups in producing news and the construction of gender within news texts. Only one of the following may be counted: Journalism 348D, Women's and Gender Studies 324 (Topic 4), 345 (Topic: Women and the News). Prerequisite: Varies with the topic. Additional prerequisite: For journalism majors, Journalism 310F with a grade of at least B-; for others, six semester hours of upper-division coursework in women's and gender studies. same as J 348D. also meets with J 395 (TOPIC 46), WGS 393.

• 46035 TTH 1100 - 1230P CMA 3.116 MCELROY, K

WGS 335 HIV/AIDS ACTIVISM/HEAL ARTS

Course number may be repeated for credit when the topics vary. The perspectives, experiences, and cultural contributions of lesbian, gay, bisexual, transgender, and queer people, examined from different disciplinary and/or interdisciplinary perspectives according to the topic. Prerequisite: Upper-division standing; additional prerequisites vary by topic. meets with AFR 374E, ANT 324L.

• 46040 TTH 200 - 330P PAR 203 GILL, L

1-CONFRONTING LGBTQ OPPRESSN

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. The perspectives, experiences, and cultural contributions of lesbian, gay, bisexual, transgender, and queer people, examined from different disciplinary and/or interdisciplinary perspectives according to the topic. Serves two primary functions: to increase participant's knowledge on the issues facing the Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ) community; and to learn facilitation skills in order to talk about these issues on campus. Enrolled students will become peer educators in a team, and will give workshops across campus around LGBTQ issues during the spring semester. Only one of the following may be counted: Social Work 360K (Topic: Confronting LGBTQ Oppresion), Women's and Gender Studies 335 (Topic 1), 345 (Topic: Confronting LGBTQ Oppression). Restricted to students admitted to the Peers for Pride Program. Prerequisite: Upper-division standing; additional prerequisites vary by topic. meets with S W 360K, T D 357T (TOPIC 4).

• 46045 W 300 - 600P CMA 5.190

3-AFRICAN QUEER STUDIES

Course number may be repeated for credit when the topics vary. The perspectives, experiences, and cultural contributions of lesbian, gay, bisexual, transgender, and queer people, examined from different disciplinary and/or interdisciplinary perspectives according to the topic. Examines the development of African queer studies as the interdisciplinary study of sexuality on the African continent, and its impact on the academic and activist realm. Focus on intersectional feminist and queer theory and how this field offers tools that can be used to rethink issues of oppression and domination in relationship to race, nation, sex, gender, and sexuality on the African continent. Of particular interest will be LGBTQ activism and the ways in which queer Africans engage and shape their sexuality, and create forms of belonging in their countries and their communities. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: African Queer Studies), 372G (Topic 7), Women's and Gender Studies 335 (Topic 3), 340 (Topic: African Queer Studies). Prerequisite: Upper-division standing; additional prerequisites vary by topic. same as AFR 372G (TOPIC 7).

• 46050 MWF 1200 - 100P CLA 1.102 LIVERMON, X

WGS 340 ARENDT AND DE BEAUVOIR

Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with EUS 347, C L 323, GSD 340.

• 46055 TTH 930 - 1100 BUR 337 WILKINSON, L

CONTEMP AFRICAN POP CULTURE
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with AFR 372G, ANT 324L.
• 46060 MWF 200 - 300P CLA 1.104 LIVERMON, X

FASHION AND DESIRE
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with AFR 372E.
• 46065 TTH 930 - 1100 GEA 114 GILL, L

FOUNDATIONS OF SOCIAL JUSTICE
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with S W 325.
• 46070 MW 930 - 1100 SSW 2.118 ROUNTREE, M

WOMEN/RESISTNC CONTEMP E EURO
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with EUS 347, REE 325.
• 46075 TTH 930 - 1100 GEA 127 LUTSYSHYNA, O

9-BLACK WOMEN IN AMERICA
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Uses primary sources, historical monographs, and essays to provide a chronological and thematic overview of the experiences of black women inAmerica from their African roots to the circumstances they face in the present era. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Black Women in America), 374D (Topic 9), History 350L (Topic: Black Women in America), 350R (Topic 17), Women's and Gender Studies 340 (Topic: Black Women in America), 340 (Topic 9). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as AFR 374D (TOPIC 9), HIS 350R (TOPIC 17). also meets with AMS 321.
• 46080 MW 1000 - 1130 GAR 1.126 BERRY, D

14-SELF-REVLATN WOMEN'S WRTG
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Only one of the following may be counted: African and African Diaspora Studies 372E (Topic 8), 374 (Topic 26), Comparative Literature 323 (Topic 4), English 322 (Topic: Self-Revelation in Women's Writing), Middle Eastern Studies 342 (Topic 19), Women's and Gender Studies 340 (Topic 14). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as AFR 372E (TOPIC 8), C L 323 (TOPIC 4), MES 342 (TOPIC 19).
• 46085 TTH 1100 - 1230P MEZ 2.102 HILLMANN, M

27-ISLAMIC LAW
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Designed to give students a foundation in the substantive teachings of the shariah, which comprises not only what we normally think of as law, but also ethics and etiquette. Only one of the following may be counted: Islamic Studies 340 (Topic: Islamic Law), 340 (Topic 5), Middle Eastern Languages and Cultures 321 (Topic: Islamic Law), 321 (Topic 19), Middle Eastern Studies 342 (Topic 27), Religious Studies 358 (Topic: Islamic Law), 358 (Topic 9), Women's and Gender Studies 340 (Topic: Islamic Law), 340 (Topic 27). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as ISL 340 (TOPIC 5), MEL 321 (TOPIC 19), MES 342 (TOPIC 27), R S 358 (TOPIC 9).
• 46090 MW 1130 - 100P AYOUB, S

29-CONTEMP AFR AMER WOMEN FIC
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Contemporary African American Women's Fiction), 372E (Topic 15), English 376M (Topic: Contemporary African American Women's Fiction), 376M (Topic 7), Women's and Gender Studies 340 (Topic: Contemporary African American Women's Fiction), 340 (Topic 29). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as AFR 372E (TOPIC 15), E 376M (TOPIC 7).
• 46095 TTH 1100 - 1230P BUR 228 RICHARDSON, M

46-AFRICANA WOMEN'S ART
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Analysis of the diverse modes of presentation, mediums, definitions, and influences of Africana women artists in the diaspora. Designed to use critical theory and art history found in oral and written literatures, music, films, and other formal and informal documents. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Africana Women's Art), 374F (Topic 9), Art History 346L, 373C (Topic: Africana Women's Art), Women's and Gender Studies 340 (Topic: Africana Women's Art), 340 (Topic 46). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Prerequisite: Upper-division standing. same as AFR 374F (TOPIC 9), ARH 346L.
• 46100 TTH 930 - 1100 DFA 2.204 OKEDIJI, M

53-WOMEN AND SOCL MVMNTS IN US
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Examines women's participation in well-known and lesser-known social movements during the twentieth century. Only one of the following may be counted: African and African Diaspora Studies 372C (Topic: Women and Socl Mvmnts in US), 372C (Topic 7), American Studies 321 (Topic: Women/Social Movements in US), 321 (Topic 10), History 365G (Topic: Women/Social Movements in US), 365G (Topic 8),Women's and Gender Studies 340 (Topic: Women/Socl Movements in the US, 340 (Topic 53). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as AFR 372C (TOPIC 7), AMS 321 (TOPIC 10), HIS 365G (TOPIC 8).
• 46105 TTH 1230 - 200P UTC 4.122 GREEN, L

56-MUSLIM WOMEN IN POLITICS
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Only one of the following may be counted: Anthropolgy 324L (Topic: Muslim Women in Politics), Islamic Studies 372 (Topic: Muslim Women in Politics), 372 (Topic 23), Religious Studies 358 (Topic: Muslim Women in Politics), 358 (Topic 19), Women's and Gender Studies 340 (Topic: Muslim Women in Politics), 340 (Topic 56). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as ISL 372 (TOPIC 23), R S 358 (TOPIC 19). also meets with ANT 324L.
• 46110 TTH 1230 - 200P SHIRAZI, F

66-HOLOCAUST AFTEREFFECTS-HON
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Explores the historical, political, psychological, theological, and cultural fallout of the Holocaust, as well as literary and cinematic responses in Europe and the United States. Only one of the following may be counted: Comparative Literature 323 (Topic: Holocaust Aftereffects), 323 (Topic 40), European Studies 346 (Topic: Holocaust Aftereffects), 346 (Topic 23), German, Scandinavian, and Dutch Studies 360 (Topic 1), Germanic Civilization 323E (Topic: Holocaust Aftereffects), Jewish Studies 365 (Topic: Holocaust Aftereffects), 365 (Topic 14), Liberal Arts Honors 350 (Topic: Holocaust Aftereffects), Religious Studies 357 (Topic: Holocaust Aftereffects), 357 (Topic 18), Women's and Gender Studies 340 (Topic: Holocaust Aftereffects), 340 (Topic 66). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Restricted to Plan I majors in the College of Liberal Arts. Additional prerequisite: a grade point average of at least 3.50. same as C L 323 (TOPIC 40), EUS 346 (TOPIC 23), GSD 360 (TOPIC 1), J S 365 (TOPIC 14), R S 357 (TOPIC 18). also meets with LAH 350.
• 46115 TTH 930 - 1100 BUR 234 BOS, P

67-GRAF/PSTR ART: ISLAM WORLD
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Only one of the following may be counted: Anthropology 324L (Topic: Graffiti/Poster Art: Islam World), 324L (Topic 59), Islamic Studies 373 (Topic: Graffiti/Poster Art: Islam World), 373 (Topic 17), Middle Eastern Languages and Cultures 321 (Topic: Graffiti/Poster Art: Islam World), 321 (Topic 36), Middle Eastern Studies 342 (Topic: Graffiti/Poster Art: Islam World), 342 (Topic 44), Religious Studies 358 (Topic: Graffiti/Poster Art: Islam World), 358 (Topic 21), Women's and Gender Studies 340 (Topic: Graffiti/Poster Art: Islam World), 340 (Topic67). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Prerequisite: Upper-division standing. same as ANT 324L (TOPIC 59), ISL 373 (TOPIC 17), MEL 321 (TOPIC 36), MES 342 (TOPIC 44), R S 358 (TOPIC 21).
• 46120 TTH 200 - 330P SHIRAZI, F

68-WOMEN/WEALTH IN SOUTH ASIA
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Addresses the questions surrounding poverty of South Asian women by combining legal, political and social histories of the subcontinent overfour centuries. Only one of the following may be counted: Asian Studies 372 (Topic: Women and Wealth in South Asia), 372 (Topic 47), History 350L (Topic: Women and Wealth in South Asia), 350L (Topic 94), Women's and Gender Studies 340 (Topic: Women and Wealth in South Asia), 340 (Topic 68). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as ANS 372 (TOPIC 47), HIS 350L (TOPIC 94).
• 46125 T 330 - 630P GAR 2.128 CHATTERJEE, I

WGS 345 LOVE, BEAUTY, AND PROTECTION
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with ARH 362.
• 46130 TTH 200 - 330P DFA 2.204 CLARKE, J

THTR STUDIES: YOUNG AUDIENCES
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with T D 326D.
• 46135 TTH 330 - 500P WIN 1.134 ALRUTZ, M

2-THE FAMILY
Course number may be repeated for credit when the topics vary. The American family in historical and comparative perspective. Family history and origins; comparative family systems; social antecedents of family structure and process; family formation and dissolution; family and society; recent family changes and prospects for the future. Sociology 323 and Women's and Gender Studies 345 (Topic 2) may not both be

counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as SOC 323.
• 46140 TTH 1100 - 1230P CLA 0.128 FULTON, K

3-WOMEN IN SICKNESS & HEALTH
Course number may be repeated for credit when the topics vary. Explores medical and biological views throughout the nineteenth and twentieth centuries of women and women's health, the social context of those views, the development of medical practices, and the treatment of illness and debility. Only one of the following may be counted: History 350L (Topic: Women in Sickness and Health), 350R (Topic 18), Women's and Gender Studies 345 (Topic 3). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Six semester hours of coursework in history. same as HIS 350R (TOPIC 18).
• 46145 TTH 330 - 500P PAR 206 SEAHOLM, M

26-AMERICAN DILEMMAS
Course number may be repeated for credit when the topics vary. Examination of critical American social problems, including problems in the economic, political, and health care systems, as well as inequities based on income, gender, and race. Exploration of how these problems are a natural outgrowth of the existing social structure. Only one of the following may be counted: Sociology 336C, Urban Studies 354 (Topic: American Dilemmas), 354 (Topic 13), Women's and Gender Studies 345 (Topic 26). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as SOC 336C, URB 354 (TOPIC 13).
• 46150 MWF 900 - 1000 CLA 1.108 GREEN, P

32-WOMEN HIST POLIT THOUGHT
Course number may be repeated for credit when the topics vary. Examines the themes of women, the family, and the private sphere in the history of political theory. Only one of the following may be counted: Core Texts and Ideas 335 (Topic: Women in Hist of Polit Thought), 335 (Topic 5), Government 335M (Topic: Women in History of Political Thought), 335M (Topic 17), Women's and Gender Studies 345 (Topic: Women in History of Political Thought), 345 (Topic 32). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. same as CTI 335 (TOPIC 5), GOV 335M (TOPIC 17).
• 46155 MWF 100 - 200P CLA 0.112 STAUFFER, D

46-TONI MORRISON
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An examination of select novels by the Nobel Laureate and Pulitzer Prize-winning novelist focuses on the positional uniqueness that womanism shares with a predominant feminism, which surfaces in historicized familial relationships. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Toni Morrison), 372E (Topic 1), English 349S (Topic5), Women's and Gender Studies 340 (Topic: Toni Morrison), 345 (Topic 46). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as AFR 372E (TOPIC 1), E 349S (TOPIC 5).
• 46160 MWF 1000 - 1100 WOODARD, H

WGS 356 INTRO TO FEMINIST RSCH METHODS
Introduction to feminist research methods across a range of traditional disciplines. Designed to prepare students to analyze research within gender studies and to develop their own research skills. Restricted to women's and gender studies majors and minors. Prerequisite: Upper-division standing, and six semester hours of coursework in women's and gender studies.
• 46165 TTH 1100 - 1230P PAR 310

WGS 358Q SUPERVISED RESEARCH
Hour(s) to be arranged. Supervised individual research on an issue in women's and gender studies. Prerequisite: Upper-division standing, Women's and Gender Studies 356 with grade of at least C-, and written consent of the supervising faculty member; consent forms are available in the Center for Women's and Gender Studies.
• 46170

WGS 360 RSCH/THESIS IN WOM'S/GEND STDS
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Individual project or paper to be completed under the direction of a women's and gender studies faculty member. Restricted to women's and gender studies majors. Prerequisite: Upper-division standing; Women's and Gender Studies 356 with grade of at least C-; credit or registration for Women's and Gender Studies 358Q; and written consent of the supervising faculty member on a consent form available in the Center for Women's and Gender Studies for that purpose.
• 46175

WGS 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. Restricted to honors candidates majoring in women's and gender studies. Prerequisite: For 679HA, twelve semester hours of coursework in women's and gender studies and consent of supervising faculty; for 679HB, Women's and Gender Studies 679HA.
• 46180

WGS 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual reading of selected works for one semester, followed in the second semester by the writing of an honors thesis. Restricted to honors candidates majoring in women's and gender studies. Prerequisite: For 679HA, twelve semester hours of coursework in women's and gender studies and consent of supervising faculty; for 679HB, Women's and Gender Studies 679HA.
• 46185

WGS 379L INTERNSHIP IN WGS
Hour(s) to be arranged. Experience working in the community or for a nonprofit agency. Prerequisite: At least twelve semester hours of coursework in women's and gender studies and written consent of the supervising faculty member; consent forms are available in the Center for Women's and Gender Studies.
• 46190

WGS 384N INTERNSHIP IN WOM'S/GEND STDS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Practical working involvement with participating nonprofit and research agencies. Prerequisite: Graduate standing and consent of the graduate adviser.
• 46195

WGS 390 INTRO TO WOMEN'S & GENDER STDS
Additional hour(s) to be arranged. Introduction to the interdisciplinary women's and gender studies graduate program. Prerequisite: For master's students in women's and gender studies, graduate standing; for others, graduate standing and consent of instructor.
• 46200 T 1230 - 330P MEZ 1.104 HEINZELMAN, S

WGS 391 FEMINIST THEORIES
Selected readings of feminist theories from an interdisciplinary perspective. Prerequisite: For master's students in women's and gender studies, graduate standing and Women's and Gender Studies 390; for others, graduate standing and consent of instructor.
• 46205 M 1200 - 300P CLA 1.302A GONZALEZ-LOPEZ, G

WGS 393 EQUITY AND ACCESS IN HIGHER ED
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic.
• 46210 T 100 - 400P GARCES, L

GEND IN STUDY OF LAT AM LIT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic. Additional prerequisite: Knowledge of written and spoken Spanish. meets with LAS 381.
• 46215 TTH 1230 - 200P BEN 1.118 LINDSTROM, N

GENDER & THE NEWS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic. Topic description: Contemporary social, professional, and intellectual concerns with the practice of journalism. Explores how gender relates to news, both historically and currently, and the role of the news media in reinforcing and/or challenging prevailing stereotypes and attitudes about gender. Focuses on women both as producers of journalism and as subjects of media portrayals. meets with J 395 (TOPIC 46), J 348D, WGS 324 (TOPIC 4).
• 46220 TTH 1100 - 1230P CMA 3.116 BOCK, M

GENDER AND MIGRATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic. meets with GRG 396T, LAS 388.
• 46225 TH 400 - 700P CLA 0.108 TORRES, R

PERFORMING BLACKNESS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic. meets with T D 387D, AFR 387D, AMS 391.
• 46230 W 1200 - 300P GWB 1.138 THOMPSON, L

SECOND WAVE FEMINISM NOW
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic. meets with AMS 390.
• 46235 TH 200 - 500P BUR 436B MICKENBERG, J

SOCIOLOGY OF SEXUAL VIOLENCE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic. Topic description: Examines the different social forces and dynamics responsible for a variety of expressions of sexual violence existing in contemporary society. Designed to examine these processes promoting social violence from feminist-informed sociological perspectives; explore and analyze the historical, economic, and socio-cultural contexts responsible for these processes; study the issues and concerns with regard (but not limited) to gender, race and ethnicity, class, sexuality, and political activism associated with sexual violence research in the social sciences; and discuss and critique published sexual violence research based on qualitative methodologies across disciplines. meets with SOC 395G (TOPIC 10).
• 46240 T 300 - 600P CLA 1.302F GONZALEZ-LOPEZ, G

THEORIES OF ART IDENTITY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic. meets with AFR 387D, ARH 387.
• 46245 T 930 - 1230P CMA 3.108 SMITH, C

April 5, 2018

course	unique	days	time	room	instructor

VICTORIAN LIFE-WRITING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic. meets with E 392M.

• 46250	MW	1100 - 1230P	CAL 22	MACKAY, C

WRITING WORKSHOP: WGS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisites vary with the topic.

• 46255	W	300 - 600P	MEZ 1.104	HEINZELMAN, S

WGS 394 CONF CRS IN WOM'S/GEND STUDIES
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual directed readings and conferences on selected problems or topics in women's and gender studies. Prerequisite: Graduate standing and consent of the graduate adviser.
• 46260

WGS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. The student must register for Women's and Gender Studies 698B the semester he/she intends to graduate. Prerequisite: For 698A, graduate standing in women's and gender studies,consent of the graduate adviser, and a course proposal form signed by the student's thesis supervisor must be turned into the department office before registration; for 698B, Women's and Gender Studies 698A.
• 46265

WGS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. The student must register for Women's and Gender Studies 698B the semester he/she intends to graduate. Prerequisite: For 698A, graduate standing in women's and gender studies,consent of the graduate adviser, and a course proposal form signed by the student's thesis supervisor must be turned into the department office before registration; for 698B, Women's and Gender Studies 698A.
• 46270

WGS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. The student must register for Women's and Gender Studies 398R the semester he/she intends to graduate. Prerequisite: Graduate standing in women's and gender studies, consent of the graduate adviser, and a course proposal form signed by the student's thesis supervisor must be turned in to the department office before registration.
• 46275

April 3, 2018

COLLEGE OF NATURAL SCIENCES

NATURAL SCIENCES

Natural Sciences - NSC

NSC 001D PRACTICUM MEDICAL LAB SCI-WB

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Students participate in a twelve- to sixteen-month off-campus education program. Restricted to medical laboratory science majors; contact the department for permission to register for this class. Prerequisite: Completion of all organized coursework for the Bachelor of Science in Medical Laboratory Science degree and consent of the program director. Taught as a Web-based course.

• 46520					

NSC 001S NATURAL SCIENCES SEMINAR

Designed to accommodate 35 or fewer students. May be repeated for credit. Seminars may include study sessions, career and networking events, student and community speakers, and other subjects related to issues for students in science. Emphasis on student participation. Restricted to students in special programs in the College of Natural Sciences.

• 46525	W	100 - 200P	PAI 5.33	STOVALL, G
• 46530	M	300 - 400P	PAI 5.33	STOVALL, G
• 46535	M	400 - 500P	PAI 5.33	STOVALL, G

NATURAL SCIENCES SEMINAR

May be repeated for credit. Seminars may include study sessions, career and networking events, student and community speakers, and other subjects related to issues for students in science. Emphasis on student participation. Restricted to students in special programs in the College of Natural Sciences.

• 46540	W	400 - 500P	GAR 2.124	STOVALL, G

NSC 306J HANDS-ON SCIENCE I

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. The first of an integrated sequence of laboratory-based courses. Subjects include energy and motion, electrical circuits, atomic theory, waves, and sound. Natural Sciences 306J and 309 (Topic: Science for the Twenty-First Century I) may not both be counted. May not be counted toward a degree in the College of Natural Sciences. Restricted to applied learning and development majors.

• 46545	MW	900 - 1100	RLM 7.116	MARINOVA, I
	F	1000 - 1100	RLM 7.116	
• 46550	MW	1100 - 100P	RLM 7.116	CHIMONIDOU, A
	F	1100 - 1200	RLM 7.116	
• 46555	MW	100 - 300P	RLM 7.116	CHIMONIDOU, A
	F	100 - 200P	RLM 7.116	
• 46560	MW	300 - 500P	RLM 7.116	DUNN, D
	F	200 - 300P	RLM 7.116	

NSC 306K HANDS-ON SCIENCE II

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. The second of an integrated sequence of laboratory-based courses. Subjects include physical and chemical properties of matter, Earth's building blocks, plate tectonics, landforms, and weathering. Natural Sciences 306K and 309 (Topic: Science for the Twenty-First Century II) may not both be counted. May not be counted toward a degree in the College of Natural Sciences. Restricted to applied learning and development majors. Prerequisite: Natural Sciences 306J with a grade of at least C-.

• 46565	TTH	1100 - 100P	RLM 7.114	DUNN, D
	F	1100 - 1200	RLM 7.114	
• 46570	TTH	100 - 300P	RLM 7.114	DUNN, D
	F	100 - 200P	RLM 7.114	

NSC 306L HANDS-ON SCIENCE III

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. The third of an integrated sequence of laboratory-based courses. Subjects include properties of life, compartments of living organisms, inheritance, adaptations, variations, and disease. Natural Sciences 306L and 309 (Topic: Science for the Twenty-First Century III) may not both be counted. May not be counted toward a degreein the College of Natural Sciences. Restricted to applied learning and development majors. Prerequisite: Natural Sciences 306J and 306K with a grade of at least C-in each.

• 46575	MW	900 - 1100	RLM 7.114	OSTLUND, K
	F	1000 - 1100	RLM 7.114	
• 46580	MW	1100 - 100P	RLM 7.114	OSTLUND, K
	F	1200 - 100P	RLM 7.114	

NSC 306M HANDS-ON SCIENCE IV

Laboratory hour(s) to be arranged. The fourth of an integrated sequence of laboratory-based courses. Subjects include astronomy and the earth's climate. Natural Sciences 306M and 309 (Topic: Science for the Twenty-First Century IV) may not both be counted. May not be counted toward a degree in the College of Natural Sciences. Prerequisite: Natural Sciences 306J and 306K with a grade of at least C-in each.

• 46585	TTH	1100 - 100P	RLM 7.116	CHIMONIDOU, A
	F	1200 - 100P	RLM 7.116	

NSC 108 BIOLOGY SCHOLARS SEMINAR

Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46590	M	200 - 300P	WCH 1.110 A	CONNELLY, C

TIP IN FRI CONFERENCE COURSE

Designed to accommodate 35 or fewer students. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46595	M	900 - 1000	BEN 1.102	DELGADO-REYES, C
• 46600	F	900 - 1000	BEN 1.102	DELGADO-REYES, C

TIP IN FRI CONFERENCE COURSE

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46605	T	1100 - 1200		DELGADO-REYES, C

TIP IN FRI CONFERENCE COURSE

Designed to accommodate 35 or fewer students. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46610	TH	1100 - 1200	PAI 4.28	DELGADO-REYES, C
• 46615	T	1230 - 130P	PAR 310	DELGADO-REYES, C
• 46620	TH	1230 - 130P	PAR 310	DELGADO-REYES, C
• 46625	TH	200 - 300P	MEZ 1.120	DELGADO-REYES, C
• 46627	TH	400 - 500P	MEZ 1.212	DELGADO-REYES, C
• 46628	T	1000 - 1100	SZB 426	DELGADO-REYES, C
• 46629	T	300 - 400P	SZB 240	DELGADO-REYES, C

NSC 109 HSS THESIS PREPARATION SMNR

Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46630	TH	1100 - 1200	PAI 5.42	WILCOX, R
• 46635	W	300 - 400P	PAI 5.42	WILCOX, R
• 46640	W	400 - 500P	PAI 5.42	WILCOX, R

4-POLYMATHIC CAPSTN FIELD INV

Course number may be repeated for credit when the topics vary. Guidance in developing a feasible interdisciplinary field of study and consulting with faculty who are familiar with the field. Substantive writing instruction to develop a proposal that describes and justifies the interdisciplinary field of study. Restrictions vary with the topic. Restricted to students pursuing the Evidence and Inquiry Certificate. Prerequisite: Varies with the topic.

• 46645	M	900 - 1000	CLA 0.124	MARCHIONE, M
• 46650	W	1200 - 100P	CLA 0.120	MARCHIONE, M
• 46655	F	1200 - 100P	PAI 5.33	SEARLE, D
• 46660	M	100 - 200P	CLA 0.120	MARCHIONE, M
• 46665	W	200 - 300P	GAR 2.124	MARCHIONE, M
• 46670	W	400 - 500P	CLA 0.120	MARCHIONE, M

NSC 209 5-INTRO TO APPLD PROB SOLVNG

Course number may be repeated for credit when the topics vary. Introduction to applied problem-solving with a focus on critical thinking and ethical reasoning on issues relevant to college students. Restrictions vary with the topic. Restricted to first-year students in the TIP Scholars program. Prerequisite: Varies with the topic.

• 46675	TTH	800 - 900	JES A215A	GAMEZ, B
• 46680	TTH	800 - 900	PAI 4.28	TAYLOR, M

5-INTRO TO APPLD PROB SOLVNG

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to applied problem-solving with a focus on critical thinking and ethical reasoning on issues relevant to college students. Restrictions vary with the topic. Restricted to first-year students in the TIP Scholars program. Prerequisite: Varies with the topic.

• 46685	MW	900 - 1000	PAI 4.28	REGNIER, M

5-INTRO TO APPLD PROB SOLVNG

Course number may be repeated for credit when the topics vary. Introduction to applied problem-solving with a focus on critical thinking and ethical reasoning on issues relevant to college students. Restrictions vary with the topic. Restricted to first-year students in the TIP Scholars program. Prerequisite: Varies with the topic.

• 46690	TTH	1000 - 1100	MEZ 1.204	DELGADO-REYES, C
• 46695	TTH	1000 - 1100	PAI 4.28	THOMAS, M
• 46700	TTH	1000 - 1100	UTC 3.120	HARKINS, S

5-INTRO TO APPLD PROB SOLVNG

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to applied problem-solving with a focus on critical thinking and ethical reasoning on issues relevant to college students. Restrictions vary with the topic. Restricted to first-year students in the TIP Scholars program. Prerequisite: Varies with the topic.

• 46705	MW	900 - 1000	SZB 380	REGNIER, M

5-INTRO TO APPLD PROB SOLVNG

Course number may be repeated for credit when the topics vary. Introduction to applied problem-solving with a focus on critical thinking and ethical reasoning on issues relevant to college students. Restrictions vary with the topic. Restricted to first-year students in the TIP Scholars program. Prerequisite: Varies with the topic.

• 46710	TTH	1100 - 1200		KESTER, R
• 46715	TTH	1100 - 1200	PAI 4.28	THOMAS, M
• 46720	MW	1200 - 100P	MEZ 2.118	HARMON, K

March 3, 2018

course	unique	days	time	room	instructor
	• 46725	MW	1200 - 100P	PAI 4.28	REGNIER, M

5-INTRO TO APPLD PROB SOLVNG
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to applied problem-solving with a focus on critical thinking and ethical reasoning on issues relevant to college students. Restrictions vary with the topic. Restricted to first-year students in the TIP Scholars program. Prerequisite: Varies with the topic.

• 46730	TTH	1200 - 100P	PAI 5.42	ALBRECHT, T

5-INTRO TO APPLD PROB SOLVNG
Course number may be repeated for credit when the topics vary. Introduction to applied problem-solving with a focus on critical thinking and ethical reasoning on issues relevant to college students. Restrictions vary with the topic. Restricted to first-year students in the TIP Scholars program. Prerequisite: Varies with the topic.

• 46735	MW	100 - 200P	PAI 4.28	CHOY, G
• 46740	TTH	100 - 200P	PAI 4.28	THOMAS, M
• 46745	TTH	100 - 200P	SZB 380	ROBBINS, P
• 46750	MW	200 - 300P	PAI 4.28	HARMON, K
• 46755	TTH	200 - 300P	CBA 4.344	THOMAS, M
• 46760	TTH	200 - 300P		DELGADO-REYES, C
• 46765	TTH	200 - 300P	PAI 4.28	DELGADO-REYES, C
• 46770	MW	300 - 400P		WAY, P
• 46775	MW	300 - 400P	WCH 1.110	DELGADO-REYES, C

5-INTRO TO APPLD PROB SOLVNG
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to applied problem-solving with a focus on critical thinking and ethical reasoning on issues relevant to college students. Restrictions vary with the topic. Restricted to first-year students in the TIP Scholars program. Prerequisite: Varies with the topic.

• 46780	TTH	300 - 400P	PAI 4.28	DELGADO-REYES, C

NSC 110H NAT SCI HONORS SEMINAR
Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Emphasis on student participation. Format may include student speakers, outside speakers, discussions, visits to laboratories, or other enrichment activities. Restricted to students in honors programs in the College of Natural Sciences.

• 46785	W	1000 - 1100	WCH 1.108	SAXENA, P
• 46790	M	1100 - 1200	PAI 5.42	POLLOCK, A
• 46795	W	1100 - 1200	CBA 4.338	SAXENA, I
• 46800	W	1100 - 1200	WCH 1.108	SITZ, G
• 46805	TH	1100 - 1200	UTC 3.120	SCHNYER, R
• 46810	W	1200 - 100P	GDC 1.406	CARPENTER, L
• 46815	W	100 - 200P	WCH 1.108	VANDENBOUT, D
• 46820	T	200 - 300P	CBA 4.340	LLOYD, A
• 46825	W	200 - 300P	WCH 1.110	LAUDE, D
• 46830	TH	200 - 300P	MEZ 1.204	ROEBKE, J
• 46835	W	300 - 400P	WCH 1.108	DE LOZANNE, A
• 46840	TH	330 - 430P	DFA 2.506	RATHER, S
• 46845	W	400 - 500P	PAI 5.33	ROBERTS-MILLER, P
• 46850	W	600 - 700P	JES A205A	SEARLE, D

1-DEAN SCHOLARS FIRST-YR SMNR
Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Emphasis on student participation. Format may include student speakers, outside speakers, discussions, visits to laboratories, or other enrichment activities. Restricted to students in honors programs in the College of Natural Sciences. Restricted to students in the Dean's Scholars Program.

• 46855	W	400 - 500P		HILLIS, D
• 46860	W	400 - 500P	WCH 1.108	POLLAK, G

2-HLTH SCI SCHOLR 1ST-YR SMNR
Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Emphasis on student participation. Format may include student speakers, outside speakers, discussions, visits to laboratories, or other enrichment activities. Restricted to students in honors programs in the College of Natural Sciences. Restricted to students in the Health Science Scholars Program.

• 46865	W	400 - 500P	WEL 2.110	O'HALLORAN, T

3-POLYMTHC SCHOLR 1ST-YR SMNR
Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Emphasis on student participation. Format may include student speakers, outside speakers, discussions, visits to laboratories, or other enrichment activities. Restricted to students in honors programs in the College of Natural Sciences. Restricted to students in the Polymathic Scholars Program.

• 46870	W	400 - 500P	CPE 2.212	HUK, A

NSC 115 WOMEN IN NATURAL SCIENCES SMNR
The work and lives of women scientists in a sociocultural context.

• 46875	M	1200 - 100P		MORGAN, E

NSC 120E INTERNSHIP IN THE SCIENCES-WB
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. May be repeated for credit. Practical work experience related to the student's area of interest in Natural Sciences. Internships may be on or off campus, paid or unpaid, and may include work with nonprofit agencies, government offices, or private corporations. Students work in a professional environment and apply analysis, communication, and other academic skills to practical work. Restricted to students in the College of Natural Sciences. Prerequisite: Upper-division standing and consent of instructor. Taught as Web-based course.

• 46880				

NSC 322 INTRNSHP/EXP LEARN NAT SCI-WB
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Taught as a Web-based course.

• 46885				FRANKS, R

NSC 323 PS CAPSTONE THESIS PREP SMNR
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.

• 46890	W	1000 - 1100	PAI 5.42	WILCOX, R
• 46895	W	1100 - 1200	PAI 5.42	WILCOX, R
• 46900	TH	330 - 430P	PAI 5.42	WILCOX, R

NSC 371 CAPSTONE THESIS SEMINAR-P S
Hour(s) to be arranged. Directed reading, research, and discussion followed by the writing of a substantial thesis. Restricted course; contact the College of Natural Sciences Honors Center for permission to register. Prerequisite: Upper-division standing. Restricted to students in the Polymathic Scholars Program.

• 46905				SEARLE, D

NSC 088L INTRO EVIDENCE BASED TCHG
Offered on the credit/no credit basis only. Designed for graduate students interested in learning to teach science and mathematics effectively in their own courses, rather than as Teaching Assistants. Subjects include defining learning objectives, designing learning tasks, observing classrooms to identify effective teaching strategies, and practice teaching. Intended for graduate students in the College of Natural Sciences. Professional development supplemental to primary studies. Prerequisite: Graduate standing.

• 46910	W	500 - 630P	WEL 2.140	PATTERSON, K

UTEACH-NATURAL SCIENCES

UTeach-Natural Sciences - UTS

UTS 101 SEC TCHR EDUC PREP: STEP 1
Additional hour(s) to be arranged. Introduction to mathematics, computer science, and science teaching as acareer. Discussions include standards-based lesson design and various teaching and behavior management strategies. Fieldwork consists of planning and teaching four inquiry-based lessons to students in grades three to six in local elementary schools. Chemistry 107 (Topic: STEP1-UTeach) and UTeach-Natural Sciences 101 may not both be counted. Prerequisite: For degree holders, application and admission to the UTeach CNS program.

• 46965	T	930 - 1100	PAI 4.18	EKBERG, D
• 46970	T	1100 - 1230P	PAI 4.18	EKBERG, D
• 46975	TH	1100 - 1230P	PAI 4.18	RODRIGUEZ, S
• 46980	TH	1230 - 200P	PAI 4.18	RODRIGUEZ, S
• 46985	W	400 - 530P	PAI 4.18	ALLEN, K

UTS 110 SEC TEACHER EDUC PREP: STEP 2
Additional hour(s) to be arranged. Topics may include routes to teacher certification in mathematics, computer science, and science teaching; various teaching methods that are designed to meet instructional goals; and learner outcomes. Students develop and teach three inquiry-based lessons in their field in a middle school, and participate in peer coaching. Biology 101C (Topic: STEP 2) and UTeach-Natural Sciences 110 may not both be counted. Prerequisite: UTeach-Natural Sciences 101 with a grade of at least C-, and a University grade point average of at least 2.20.

• 46990	T	1100 - 1230P	PAI 4.08	KIRBY, L
• 46995	TH	1230 - 200P	PAI 4.08	KIRBY, L
• 47000	T	200 - 330P	PAI 4.08	FITZPATRICK, D

UTS 170 STUDENT TEACHING SEMINAR
Discussions include student teaching experiences, contemporary critical issues in education, and preparation for the state certification exam. Chemistry 107 (Topic: Special Topics Seminar) and UTeach-Natural Sciences 170 may not both be counted. Restricted to students in the UTeach-Natural Sciences program who have earned a passing score on the preliminary portfolio. Prerequisite: Credit or registration for Curriculum and Instruction 650S, and a University grade point average of at least 2.50.

• 47005	W	600 - 730P	PAI 4.08	ALLEN, K
• 47010	W	600 - 730P	PAI 4.18	POWELL, P

DEPARTMENT OF ASTRONOMY

Astronomy - AST

AST 301 INTRODUCTION TO ASTRONOMY
General introduction to astronomy for nonscience majors. The solar system, stars, galaxies, and cosmology. Only one of the following may be counted: Astronomy 301,

Aug 3, 2018

course	unique	days	time	room	instructor

302, 303, 307. May not be counted toward a degree in the College of Natural Sciences.

• 47065	MWF	1100 - 1200	PAI 3.02	FINKELSTEIN, K

INTRODUCTION TO ASTRONOMY

Designed to accommodate 100 or more students. General introduction to astronomy for nonscience majors. The solar system, stars, galaxies, and cosmology. Only one of the following may be counted: Astronomy 301, 302, 303, 307. May not be counted toward a degree in the College of Natural Sciences.

• 47070	MWF	1000 - 1100	PAI 3.02	ROBINSON, E
• 47075	TTH	1100 - 1230P	PAI 3.02	FINKELSTEIN, S
• 47080	TTH	1230 - 200P	PAI 3.02	FINKELSTEIN, S
• 47085	TTH	200 - 330P	PAI 3.02	WINGET, D

AST 103L — **ASTRONOMICAL OBSERVATIONS**

Designed to accommodate 35 or fewer students. Observations of the night sky with the naked eye and small telescopes; indoor laboratory activities. May not be counted by students with credit for Astronomy 101L, 302, or 303. For nonscience majors. Prerequisite: Credit or registration for Astronomy 301 or 307.

• 47090	M	700 - 900P	RLM 13.132	
• 47095	T	700 - 900P	RLM 13.132	
• 47100	W	700 - 900P	RLM 13.132	

AST 307 — **INTRODUCTORY ASTRONOMY**

Introduction to astronomy for science and engineering students. The solar system, stars, galaxies, and cosmology. Only one of the following may be counted: Astronomy 301, 302, 303, 307. Prerequisite: Mathematics 305G or the equivalent or consent of instructor; high school trigonometry and physics are recommended.

• 47105	TTH	930 - 1100	WEL 2.110	BOWLER, B

AST 309C — **BIRTH OF STARS AND PLANETS**

Study of how stars and planets form, including discussions on the implications for the formation of our own solar system. Designed for non-College of Natural Sciences majors. Astronomy 309 (Topic: Birth of Stars and Planets) and 309C may not both be counted. May not be counted toward a degree in the College of NaturalSciences. Prerequisite: Astronomy 301 or 307.

• 47110	MWF	200 - 300P		FINKELSTEIN, K

AST 309G — **POP ASTRO NONSCIENCE STDNTS**

Subjects include new planets, neutron stars, supernovae, gamma-ray bursts, black holes, dark matter, dark energy, and the origin of the universe. Designed for non-College of Natural Sciences majors. Astronomy 309 (Topic 1: Popular Astronomy) and 309G may not both be counted. May not be counted toward a degree in the College of Natural Sciences. Prerequisite: Astronomy 301 or 307.

• 47115	TTH	930 - 1100	PAI 3.02	KUMAR, P

AST 309L — **SEARCH FOR EXTRATERRESTRL LIFE**

Origin of life in the solar system, existence of other planetary systems, possibilities and techniques for detection of and communicationwith other intelligences. Designed for non-College of Natural Sciences majors. May not be counted toward a degree in the College of Natural Sciences. Prerequisite: Astronomy 301 or 307.

• 47120	MWF	1200 - 100P	PAI 3.02	SCALO, J

AST 309N — **LIVES AND DEATHS OF STARS**

How stars live and die; extremes of stars and their life cycles. Exotic objects such as white dwarfs, supernovae, neutron stars, pulsars, and black holes. Specific subjects may vary with instructor. Designed for non-College of Natural Sciences majors. May not be counted toward a degree in the College of Natural Sciences. Prerequisite: Astronomy 301 or 307.

• 47125	MWF	100 - 200P	PAI 3.02	WHEELER, J

AST 321 — **FUTURE OF HUMANITY**

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. For nonscience majors. Prerequisite: Upper-division standing; and Astronomy 301, 302, 303, or consent of instructor.

• 47130	MWF	1000 - 1100	RLM 15.216B	WHEELER, J

AST 352K — **STELLAR ASTRONOMY**

Properties of stars and starlight: principles of radiation; interpretation of stellar spectra. Observational techniques such as photometry, spectroscopy, and telescopes and detectors; variable stars; binary stars. Prerequisite: Upper-division standing, and one of the following: Physics301 and 303L; 301 and 316; 303K and 303L; or 303K and 316.

• 47135	MW	930 - 1100	RLM 15.216B	BROMM, V

AST 152M — **STELLAR ASTRONOMY LABORATORY**

Hour(s) to be arranged. An introduction to practical observational techniques in astronomy, designed for astronomy majors or advanced students in a physical science. Exercises on the spectroscopy, photometry, and positions of stars using a sixteen-inch telescope on campus. With consent of instructor, may be repeated for credit. Prerequisite: Physics 316 and 116L; credit or registration for Astronomy352K is recommended.

• 47140				BROMM, V

AST 353 — **ASTROPHYSICS**

Survey of the physics of stellar and nonstellar radiation laws, stellar atmospheres and interiors; high-energy astrophysics. Designed for science and engineering majors. Prerequisite: One of the following: Physics 301 and 303L; 301 and 316; 303K and 303L; or 303K and 316.

• 47145	MWF	1100 - 1200	RLM 15.216B	MILOSAVLJEVIC, M

AST 375 — **WHITE DWARF STARS-FRI**

Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Designed for science and engineering majors. Prerequisite: Consent of instructor or adviser. Restricted to students in the Freshman Research Initiative.

• 47150	F	200 - 300P	RLM 7.114	MONTGOMERY, M

AST 375C — **CONFERENCE COURSE IN ASTRONOMY**

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Independent research course with astronomy faculty member or research scientist. Restricted enrollment; contact the department for permission to register.

• 47155

AST 376 — **1-OBSERVATIONAL MTHDS IN AST**

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A hands-on course in astronomical observations and data analysis. Explores astronomical observing techniques, data reduction and analysis,and interpretation of results. The coursework will include regular exercises in obtaining and analyzing data to solve currently relevant astronomical problems. Up to six semester hours may be counted toward the major requirement forthe Bachelor of Arts with a major in astronomy. Designed for science majors. Prerequisite: Upper-division standing and consent of instructor. Additional prerequisite: Astronomy 376R with a grade of at least C-.

• 47159	TTH	200 - 330P	RLM 15.201	FINKELSTEIN, S

AST 376R — **PRACTICAL INTRO TO RESEARCH**

Practical exercises including analysis of imaging data, visualization, programming exercises with Python, IDL or other languages, statistical analyses, and training for papers and oral presentations. Astronomy 376 (Topic: Practical Intro to Research) and 376R may not bothbe counted. Restricted to science and engineering majors. Prerequisite: Mathematics 305G or the equivalent; prior computing experience and an introductory astronomy course are recommended.

• 47160	TTH	930 - 1100	RLM 15.201	GEBHARDT, K
• 47165	TTH	1100 - 1230P	RLM 15.201	GEBHARDT, K

AST 379H — **HONORS TUTORIAL COURSE**

Hour(s) to be arranged. Research project and thesis for students electing to take the honors program in astronomy. May be repeated once for credit. Restricted to science majors approved to graduate with honors. Prerequisite: Consent of the departmental honors adviser.

• 47170

AST 381 — **STAR FORMATION**

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 47175	MW	200 - 330P	RLM 15.216B	OFFNER, S

AST 381S — **SMNR IN THEORETICAL ASTROPHYS**

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Topics to be announced. Prerequisite: Graduate standing and consent of instructor.

• 47180	M	330 - 430P	RLM 15.216B	

AST 382C — **ASTROPHYSICAL GAS DYNAMICS**

The basic principles of compressible gas dynamics and magnetohydrodynamics, developed and applied in an astrophysical context to a wide range of astronomical phenomena. Prerequisite: Graduate standing in astronomy or physics, or graduate standing and consent of instructor.

• 47185	TTH	200 - 330P	RLM 15.216B	SHAPIRO, P

AST 386C — **PROPERTIES OF GALAXIES**

Observational properties of galaxies and their interpretation; includes a discussion of the Milky Way galaxy. Prerequisite: Graduate standing and consent of instructor.

• 47190	TTH	930 - 1100	RLM 15.216B	CASEY, C

AST 386S — **SEMINAR IN EXTRAGALACTIC AST**

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Topics to be announced. Prerequisite: Graduate standing and consent of instructor.

• 47195	TH	330 - 430P	RLM 15.216B	

AST 391 — **GRADUATE RESEARCH IN ASTRONOMY**

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in astronomy and consent of instructor.

• 47200

AST 392G — **OBSERVING TECHNIQUES IN AST**

Designed to accommodate 35 or fewer students. Survey of techniques used at the McDonald Observatory. Includes workshopat the observatory. Prerequisite: Graduate standing and consent of instructor.

• 47203	TTH	200 - 330P	RLM 15.201	FINKELSTEIN, S

AST 393F — **SURVEY OF INTERSTELLAR MEDIUM**

A broad introduction to the processes and properties of the interstellar medium. Topics include H I regions, H II regions, molecular clouds, interstellar dust, and the distribution of the interstellar medium in our galaxy. Prerequisite: Graduate standing and consent of instructor.

• 47205	TTH	1100 - 1230P	RLM 15.216B	DINERSTEIN, H

AST 698A — **THESIS**

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in astronomy and consent of the graduate adviser; for 698B, Astronomy 698A.

• 47210

course	unique	days	time	room	instructor

AST 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in astronomy and consent of the graduate adviser; for 698B, Astronomy 698A.
• 47215

AST 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 47220

AST 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 47225

AST 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 47230

AST 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Astronomy 399R, 699R, or 999R.
• 47235

AST 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Astronomy 399R, 699R, or 999R.
• 47240

AST 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Astronomy 399R, 699R, or 999R.
• 47245

BIOLOGY INSTRUCTIONAL OFFICE

Biology - BIO

BIO 301D BIO FOR BUSINESS/LAW/LIB ARTS
The scientific method and the social uses of scientific information. Topics include diet and chronic disease, radiation biology, DNA fingerprinting, the biology of learning, conservation of biotic diversity, and the biology of reproduction. May not be counted toward a degree in the College of Natural Sciences. Designed for nonscience majors.

course	unique	days	time	room	instructor
•	47300	MWF	1000 - 1100	BEL 328	BULL, J
•	47305	MWF	1100 - 1200	BEL 328	BULL, J

BIO 301E PROBLEMS IN MODERN BIOLOGY
Restricted to students registered under Plan II for the BA degree. An introduction to major concepts in biology, with emphasis on topics, such as genetics, that are relevant to current issues in the field. Biology 301E and 301L may not both be counted; Biology 301E and 301M maynot both be counted. May not be counted toward a degree in biology. Prerequisite: Admission to the Plan II Honors Program.

course	unique	days	time	room	instructor
•	47310	MWF	100 - 200P	MEZ B0.306	BUSKIRK, R
		T	200 - 300P	RLM 7.124	
•	47315	MWF	100 - 200P	MEZ B0.306	BUSKIRK, R
		T	330 - 430P	GDC 2.210	
•	47320	MWF	100 - 200P	MEZ B0.306	BUSKIRK, R
		M	400 - 500P	GDC 6.202	
•	47325	MWF	100 - 200P	MEZ B0.306	BUSKIRK, R
		M	500 - 600P	GDC 1.406	

BIO 301M ECOLOGY, EVOLUTION, & SOCIETY
Introduction to environmental adaptations, diversity of organisms, species interactions, organization and processes of communities, population growth and limitations, evolution and population genetics, origin of life, and human impact on the environment. Biology 301M and 311D may not both be counted. Biology 301E and 301M maynot both be counted. May not be counted toward a degree in the College of Natural Sciences, except for the Bachelor of Science in Human Development and Family Sciences. Designed for nonscience majors.

course	unique	days	time	room	instructor
•	47330	TTH	800 - 930	GDC 2.216	PANERO, J
		W	900 - 1000	BIO 301	
•	47335	TTH	800 - 930	GDC 2.216	PANERO, J
		W	1100 - 1200	JES A209A	
•	47340	TTH	800 - 930	GDC 2.216	PANERO, J
		W	1200 - 100P	JES A217A	
•	47345	TTH	800 - 930	GDC 2.216	PANERO, J
		T	200 - 300P	SZB 240	
•	47350	TTH	800 - 930	GDC 2.216	PANERO, J
		W	200 - 300P	SZB 278	
•	47355	TTH	800 - 930	GDC 2.216	PANERO, J
		T	300 - 400P	SZB 286	
•	47360	TTH	800 - 930	GDC 2.216	PANERO, J
		W	300 - 400P	SZB 284	
•	47365	TTH	800 - 930	GDC 2.216	PANERO, J
		T	400 - 500P	SZB 278	

ECOLOGY, EVOLUTION, & SOCIETY
Additional hour(s) to be arranged. Introduction to environmental adaptations, diversity of organisms, species interactions, organization and processes of communities, population growth and limitations, evolution and population genetics, origin of life, and human impact on the environment. Biology 301M and 311D may not both be counted. Biology 301E and 301M maynot both be counted. May not be counted toward a degree in the College of Natural Sciences, except for the Bachelor of Science in Human Development and Family Sciences. Designed for nonscience majors.

course	unique	days	time	room	instructor
•	47370	TTH	1100 - 1230P	GEA 105	PIANKA, E
		W	900 - 1000	GDC 6.202	
•	47375	TTH	1100 - 1230P	GEA 105	PIANKA, E
		W	1000 - 1100	CLA 1.108	
•	47380	TTH	1100 - 1230P	GEA 105	PIANKA, E
		W	1100 - 1200	CMA 5.190	
•	47385	TTH	1100 - 1230P	GEA 105	PIANKA, E
		W	1200 - 100P	GAR 1.126	

BIO 102C CONFERENCE COURSE-BSP
May be repeated for credit. Supervised study of selected subjects in biology, by individual arrangement with the instructor. Prerequisite: Varies with instructor. Restricted to second-year students in Biology Scholars Program.

course	unique	days	time	room	instructor
•	47390	W	200 - 300P	GEA 114	BUSKIRK, R

BIO 206L INTRO LAB EXPERIMENTS IN BIOL
The organizing principles of biology (such as molecular and cellular functions, reproduction, development, homeostatic mechanisms, and organismal physiology and behavior) are used within a comparative and evolutionary framework to train students in modern laboratory techniques, bioinformatics, experimental design, and interpretation of results. Prerequisite: Credit or registration for Biology 311C or 311D.

course	unique	days	time	room	instructor
•	47395	M	300 - 400P	BUR 106	MAAS, M
		T	900 - 100P	PAI 1.08	
•	47400	M	300 - 400P	BUR 106	MAAS, M
		T	900 - 100P	PAI 1.24	
•	47405	M	300 - 400P	BUR 106	MAAS, M
		W	900 - 100P	PAI 1.08	
•	47410	M	300 - 400P	BUR 106	MAAS, M
		W	900 - 100P	PAI 1.24	
•	47415	M	300 - 400P	BUR 106	MAAS, M
		TH	900 - 100P	PAI 1.08	
•	47420	M	300 - 400P	BUR 106	MAAS, M
		TH	900 - 100P	PAI 1.24	
•	47425	M	300 - 400P	BUR 106	MAAS, M
		F	900 - 100P	PAI 1.08	
•	47430	M	300 - 400P	BUR 106	MAAS, M
		F	900 - 100P	PAI 1.18	
•	47435	M	300 - 400P	BUR 106	MAAS, M
		F	900 - 100P	PAI 1.24	
•	47440	M	300 - 400P	BUR 106	MAAS, M
		T	130 - 530P	PAI 1.08	
•	47445	M	300 - 400P	BUR 106	MAAS, M
		T	130 - 530P	PAI 1.24	
•	47450	M	300 - 400P	BUR 106	MAAS, M
		W	130 - 530P	PAI 1.08	
•	47455	M	300 - 400P	BUR 106	MAAS, M
		TH	130 - 530P	PAI 1.08	
•	47460	M	300 - 400P	BUR 106	MAAS, M
		T	600 - 1000P	PAI 1.08	
•	47465	M	300 - 400P	BUR 106	MAAS, M
		W	600 - 1000P	PAI 1.08	
•	47470	M	300 - 400P	BUR 106	MAAS, M
		TH	600 - 1000P	PAI 1.08	
•	47475	M	400 - 500P	BUR 106	MAAS, M
		T	900 - 100P	PAI 1.18	
•	47480	M	400 - 500P	BUR 106	MAAS, M
		W	900 - 100P	PAI 1.18	
•	47485	M	400 - 500P	BUR 106	MAAS, M
		TH	900 - 100P	PAI 1.18	
•	47490	M	400 - 500P	BUR 106	MAAS, M
		T	130 - 530P	PAI 1.18	
•	47495	M	400 - 500P	BUR 106	MAAS, M
		W	130 - 530P	PAI 1.18	
•	47500	M	400 - 500P	BUR 106	MAAS, M
		W	130 - 530P	PAI 1.24	
•	47505	M	400 - 500P	BUR 106	MAAS, M
		TH	130 - 530P	PAI 1.18	
•	47510	M	400 - 500P	BUR 106	MAAS, M
		TH	130 - 530P	PAI 1.24	
•	47515	M	400 - 500P	BUR 106	MAAS, M
		T	600 - 1000P	PAI 1.18	
•	47520	M	400 - 500P	BUR 106	MAAS, M
		T	600 - 1000P	PAI 1.24	
•	47525	M	400 - 500P	BUR 106	MAAS, M
		W	600 - 1000P	PAI 1.18	
•	47530	M	400 - 500P	BUR 106	MAAS, M
		W	600 - 1000P	PAI 1.24	
•	47535	M	400 - 500P	BUR 106	MAAS, M
		TH	600 - 1000P	PAI 1.18	

April 3, 2018

course	unique	days	time	room	instructor
	• 47540	M	400 - 500P	BUR 106	MAAS, M
		TH	600 - 1000P	PAI 1.24	

LAB EXP BIO: STRC/FUNC ORG-FRI

Laboratory hour(s) to be arranged. The organizing principles of biology (such as molecular and cellular functions, reproduction, development, homeostatic mechanisms, and organismal physiology and behavior) are used within a comparative and evolutionary framework to train students in modern laboratory techniques, bioinformatics, experimental design, and interpretation of results. Prerequisite: Credit or registration for Biology 311C or 311D. Restricted to the students in the Freshman Research Initiative.

	• 47545				PALMER, G

LAB EXP BIO: STRC/FUNC ORG-FRI

Hour(s) to be arranged. The organizing principles of biology (such as molecular and cellular functions, reproduction, development, homeostatic mechanisms, and organismal physiology and behavior) are used within a comparative and evolutionary framework to train students in modern laboratory techniques, bioinformatics, experimental design, and interpretation of results. Prerequisite: Credit or registration for Biology 311C or 311D. Restricted to the students in the Freshman Research Initiative.

	• 47550				STOVALL, G
	• 47555				YANG, S

LAB EXP BIO: STRC/FUNC ORG-FRI

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. The organizing principles of biology (such as molecular and cellular functions, reproduction, development, homeostatic mechanisms, and organismal physiology and behavior) are used within a comparative and evolutionary framework to train students in modern laboratory techniques, bioinformatics, experimental design, and interpretation of results. Prerequisite: Credit or registration for Biology 311C or 311D. Restricted to the students in the Freshman Research Initiative.

	• 47560				BAGCHI, D
	• 47565				BECKHAM, J
	• 47570				MACKRELL, A
	• 47575				MISHLER, D
	• 47580				RIEDEL, T
	• 47585				SANDY, M
	• 47590				ZAMORA-OLIVARES, D

BIO 208L FIELD BIOLOGY

Field projects, laboratory exercises, field trips, and computer simulation exercises to acquaint students with the principles and applications of ecology and some of the experimental and descriptive methods of ecological investigations. Prerequisite: Credit or registration for Biology 311D.

	• 47595	M	900 - 1000	BIO 301	MCMURRY, C
		M	100 - 500P	BIO 108	
	• 47600	M	900 - 1000	BIO 301	MCMURRY, C
		W	100 - 500P	BIO 108	
	• 47605	M	900 - 1000	BIO 301	MCMURRY, C
		F	100 - 500P	BIO 108	

BIO 311C INTRODUCTORY BIOLOGY I

Designed to accommodate 100 or more students. Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H.

	• 47610	TTH	800 - 930	GEA 105	PARTRIDGE, J
		TH	1230 - 130P	GDC 4.302	
	• 47615	TTH	800 - 930	GEA 105	PARTRIDGE, J
		TH	200 - 300P	RLM 5.114	
	• 47620	TTH	800 - 930	GEA 105	PARTRIDGE, J
		TH	300 - 400P	RLM 5.118	
	• 47625	TTH	800 - 930	GEA 105	PARTRIDGE, J
		F	1000 - 1100	JES A307A	
	• 47626	TTH	800 - 930	GEA 105	PARTRIDGE, J
		F	1100 - 1200	JES A203A	
	• 47627	TTH	800 - 930	GEA 105	PARTRIDGE, J
		F	1200 - 100P	JES A217A	

INTRODUCTORY BIOLOGY I

Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H.

	• 47630	TTH	800 - 930	PAI 3.02	BATTERTON, J
		TH	1230 - 130P	SZB 284	
	• 47635	TTH	800 - 930	PAI 3.02	BATTERTON, J
		TH	100 - 200P	JES A209A	
	• 47640	TTH	800 - 930	PAI 3.02	BATTERTON, J
		TH	200 - 300P	JES A216A	
	• 47645	TTH	800 - 930	PAI 3.02	BATTERTON, J
		TH	300 - 400P	JES A216A	
	• 47650	TTH	800 - 930	PAI 3.02	BATTERTON, J
		W	400 - 500P	SAC 5.102	
	• 47655	TTH	800 - 930	PAI 3.02	BATTERTON, J
		W	500 - 600P	GDC 1.406	
	• 47660	MWF	900 - 1000	GDC 2.216	HANSEN, D
		T	830 - 930	SZB 524	
	• 47665	MWF	900 - 1000	GDC 2.216	HANSEN, D
		T	930 - 1030	SZB 524	
	• 47670	MWF	900 - 1000	GDC 2.216	HANSEN, D
		T	1100 - 1200	JES A209A	
	• 47675	MWF	900 - 1000	GDC 2.216	HANSEN, D
		M	1200 - 100P	JES A207A	
	• 47680	MWF	900 - 1000	GDC 2.216	HANSEN, D
		M	100 - 200P	JES A217A	
	• 47685	MWF	900 - 1000	GDC 2.216	HANSEN, D
		M	200 - 300P	JES A215A	

INTRODUCTORY BIOLOGY I

Designed to accommodate 100 or more students. Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H.

	• 47695	MWF	900 - 1000	GEA 105	BUSKIRK, R
		W	1200 - 100P	RLM 5.120	
	• 47700	MWF	900 - 1000	GEA 105	BUSKIRK, R
		W	100 - 200P	RLM 7.112	
	• 47705	MWF	900 - 1000	GEA 105	BUSKIRK, R
		W	200 - 300P	RLM 7.124	
	• 47715	MWF	900 - 1000	GEA 105	BUSKIRK, R
		TH	500 - 600P	CLA 0.104	

INTRODUCTORY BIOLOGY I

Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H.

	• 47720	MWF	900 - 1000	WEL 2.122	FRITZ, J
		W	100 - 200P	JES A207A	
	• 47725	MWF	900 - 1000	WEL 2.122	FRITZ, J
		W	200 - 300P	CBA 4.346	
	• 47730	MWF	900 - 1000	WEL 2.122	FRITZ, J
		W	300 - 400P	PAR 210	
	• 47735	MWF	900 - 1000	WEL 2.122	FRITZ, J
		TH	300 - 400P	JES A215A	
	• 47740	MWF	900 - 1000	WEL 2.122	FRITZ, J
		W	400 - 500P	PAR 306	
	• 47745	MWF	900 - 1000	WEL 2.122	FRITZ, J
		TH	400 - 500P	GAR 2.128	
	• 47750	MWF	1000 - 1100	GSB 2.124	SATHASIVAN, K
		T	200 - 300P	JES A215A	
	• 47755	MWF	1000 - 1100	GSB 2.124	SATHASIVAN, K
		M	300 - 400P	JES A303A	
	• 47760	MWF	1000 - 1100	GSB 2.124	SATHASIVAN, K
		T	300 - 400P	JES A215A	
	• 47765	MWF	1000 - 1100	GSB 2.124	SATHASIVAN, K
		M	400 - 500P	RLM 5.112	
	• 47770	MWF	1000 - 1100	GSB 2.124	SATHASIVAN, K
		T	400 - 500P	BIO 301	
	• 47775	MWF	1000 - 1100	GSB 2.124	SATHASIVAN, K
		M	500 - 600P	RLM 5.124	
	• 47780	MWF	1100 - 1200	GSB 2.124	SATHASIVAN, K
		T	830 - 930	JES A203A	
	• 47785	MWF	1100 - 1200	GSB 2.124	SATHASIVAN, K
		T	930 - 1030	JES A215A	
	• 47790	MWF	1100 - 1200	GSB 2.124	SATHASIVAN, K
		M	100 - 200P	RLM 6.112	
	• 47795	MWF	1100 - 1200	GSB 2.124	SATHASIVAN, K
		M	200 - 300P	RLM 7.124	
	• 47800	MWF	1100 - 1200	GSB 2.124	SATHASIVAN, K
		M	300 - 400P	RLM 7.124	
	• 47805	MWF	1100 - 1200	GSB 2.124	SATHASIVAN, K
		M	400 - 500P	RLM 7.124	

INTRODUCTORY BIOLOGY I

Designed to accommodate 100 or more students. Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H.

	• 47810	MWF	1100 - 1200	BUR 108	HANSEN, D
		W	800 - 900	CLA 0.108	
	• 47815	MWF	1100 - 1200	BUR 108	HANSEN, D
		T	830 - 930	JES A303A	
	• 47820	MWF	1100 - 1200	BUR 108	HANSEN, D
		W	900 - 1000	GAR 3.116	
	• 47825	MWF	1100 - 1200	BUR 108	HANSEN, D
		T	1000 - 1100	JES A203A	
	• 47830	MWF	1100 - 1200	BUR 108	HANSEN, D
		T	1100 - 1200	JES A207A	
	• 47835	MWF	1100 - 1200	BUR 108	HANSEN, D
		T	100 - 200P	CBA 4.338	

INTRODUCTORY BIOLOGY I

Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H.

	• 47840	MWF	1100 - 1200	MEZ 1.306	FRITZ, J
		F	800 - 900	GDC 2.210	

April 3, 2018

course	unique	days	time	room	instructor
	• 47845	MWF	1100 - 1200	MEZ 1.306	FRITZ, J
		TH	830 - 930	GDC 6.202	
	• 47850	MWF	1100 - 1200	MEZ 1.306	FRITZ, J
		F	900 - 1000	CLA 0.118	
	• 47855	MWF	1100 - 1200	MEZ 1.306	FRITZ, J
		W	1200 - 100P	ETC 2.102	
	• 47860	MWF	1100 - 1200	MEZ 1.306	FRITZ, J
		W	100 - 200P	GAR 1.126	
	• 47865	MWF	1100 - 1200	MEZ 1.306	FRITZ, J
		W	200 - 300P	GDC 1.406	
	• 47870	TTH	1100 - 1230P	ECJ 1.202	BATTERTON, J
		TH	800 - 900	GDC 1.406	
	• 47875	TTH	1100 - 1230P	ECJ 1.202	BATTERTON, J
		TH	900 - 1000	SZB 284	
	• 47880	TTH	1100 - 1230P	ECJ 1.202	BATTERTON, J
		TH	1000 - 1100	SZB 526	
	• 47885	TTH	1100 - 1230P	ECJ 1.202	BATTERTON, J
		W	300 - 400P	GAR 0.132	
	• 47890	TTH	1100 - 1230P	ECJ 1.202	BATTERTON, J
		W	400 - 500P	GAR 0.128	
	• 47895	TTH	1100 - 1230P	ECJ 1.202	BATTERTON, J
		W	500 - 600P	CLA 0.122	

INTRODUCTORY BIOLOGY I

Designed to accommodate 100 or more students. Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H.

	• 47900	MWF	1200 - 100P	CAL 100	HANSEN, D
		M	200 - 300P	JES A209A	
	• 47905	MWF	1200 - 100P	CAL 100	HANSEN, D
		T	200 - 300P	GAR 2.126	
	• 47910	MWF	1200 - 100P	CAL 100	HANSEN, D
		M	300 - 400P	CLA 0.106	
	• 47915	MWF	1200 - 100P	CAL 100	HANSEN, D
		T	300 - 400P	JES A203A	
	• 47920	MWF	1200 - 100P	CAL 100	HANSEN, D
		M	400 - 500P	CLA 1.108	
	• 47925	MWF	1200 - 100P	CAL 100	HANSEN, D
		T	400 - 500P	GAR 3.116	

INTRODUCTORY BIOLOGY I

Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H.

	• 47930	MWF	100 - 200P	CMA 2.306	SATHASIVAN, K
		T	1200 - 100P	SZB 240	
	• 47935	MWF	100 - 200P	CMA 2.306	SATHASIVAN, K
		T	100 - 200P	JES A209A	
	• 47940	MWF	100 - 200P	CMA 2.306	SATHASIVAN, K
		M	200 - 300P	RLM 5.126	
	• 47945	MWF	100 - 200P	CMA 2.306	SATHASIVAN, K
		W	200 - 300P	RLM 5.124	
	• 47950	MWF	100 - 200P	CMA 2.306	SATHASIVAN, K
		M	300 - 400P	RLM 5.122	
	• 47955	MWF	100 - 200P	CMA 2.306	SATHASIVAN, K
		W	300 - 400P	RLM 5.124	
	• 47960	MWF	200 - 300P	GAR 0.102	FRITZ, J
		TH	830 - 930	BIO 301	
	• 47965	MWF	200 - 300P	GAR 0.102	FRITZ, J
		F	900 - 1000	BIO 301	
	• 47970	MWF	200 - 300P	GAR 0.102	FRITZ, J
		F	1000 - 1100	CLA 1.102	
	• 47975	MWF	200 - 300P	GAR 0.102	FRITZ, J
		TH	1100 - 1200	MEZ 1.102	
	• 47980	MWF	200 - 300P	GAR 0.102	FRITZ, J
		TH	1230 - 130P	JES A218A	
	• 47985	MWF	200 - 300P	GAR 0.102	FRITZ, J
		TH	200 - 300P	JES A215A	
	• 47990	TTH	200 - 330P	BEL 328	BATTERTON, J
		W	1100 - 1200	CLA 0.122	
	• 47995	TTH	200 - 330P	BEL 328	BATTERTON, J
		W	1200 - 100P	GDC 2.410	
	• 48000	TTH	200 - 330P	BEL 328	BATTERTON, J
		W	100 - 200P	GDC 2.410	
	• 48005	TTH	200 - 330P	BEL 328	BATTERTON, J
		T	300 - 400P	JES A216A	
	• 48010	TTH	200 - 330P	BEL 328	BATTERTON, J
		T	400 - 500P	GDC 2.410	
	• 48015	TTH	200 - 330P	BEL 328	BATTERTON, J
		T	500 - 600P	GDC 2.410	

INTRODUCTORY BIOLOGY I

Introduction to biological energy transformation, cell structure and physiology, and gene expression. Only one of the following may be counted: Biology 301L, 211, 311C. Biology 311C and 212 may not both be counted. Prerequisite: Credit or registration for Chemistry 301 or 301H. Restricted to students in the Texas Interdisciplinary Plan.

	• 48020	MWF	1200 - 100P	PAI 4.42	LATHAM, A
		T	900 - 1000	SZB 426	
	• 48025	MWF	1200 - 100P	PAI 4.42	LATHAM, A
		M	1000 - 1100	RLM 5.114	
	• 48030	MWF	1200 - 100P	PAI 4.42	LATHAM, A
		M	1100 - 1200	RLM 5.120	
	• 48035	MWF	1200 - 100P	PAI 4.42	LATHAM, A
		W	400 - 500P	CLA 1.102	
	• 48040	MWF	100 - 200P	GSB 2.126	LATHAM, A
		TH	800 - 900	SZB 524	
	• 48045	MWF	100 - 200P	GSB 2.126	LATHAM, A
		TH	900 - 1000	SZB 524	
	• 48050	MWF	100 - 200P	GSB 2.126	LATHAM, A
		TH	1000 - 1100	JES A215A	
	• 48055	MWF	100 - 200P	GSB 2.126	LATHAM, A
		W	300 - 400P	SZB 422	
BIO 311D	INTRODUCTORY BIOLOGY II				

Introduction to mechanisms of inheritance, evolution, physiology, and species interactions. Biology 301L and 311D may not both be counted. Biology 301M and 311D may not both be counted. Prerequisite: Biology 311C with a grade of at least C-.

	• 48060	TTH	930 - 1100	GEA 105	ENGLISH, P
		W	800 - 900	MEZ 1.216	
	• 48065	TTH	930 - 1100	GEA 105	ENGLISH, P
		W	900 - 1000	SZB 284	
	• 48070	TTH	930 - 1100	GEA 105	ENGLISH, P
		W	1000 - 1100	GAR 1.134	
	• 48075	TTH	930 - 1100	GEA 105	ENGLISH, P
		W	100 - 200P	RLM 5.116	
	• 48080	TTH	930 - 1100	GEA 105	ENGLISH, P
		W	200 - 300P	RLM 5.116	
	• 48085	TTH	930 - 1100	GEA 105	ENGLISH, P
		W	300 - 400P	RLM 5.122	
	• 48090	MWF	1100 - 1200	MEZ B0.306	THIJS, A
		T	930 - 1030	JES A209A	
	• 48095	MWF	1100 - 1200	MEZ B0.306	THIJS, A
		M	200 - 300P	GDC 2.402	
	• 48100	MWF	1100 - 1200	MEZ B0.306	THIJS, A
		M	300 - 400P	GDC 2.502	
	• 48105	MWF	1200 - 100P	GEA 105	LEVIN, D
		F	900 - 1000	CMA 3.114	
	• 48110	MWF	1200 - 100P	GEA 105	LEVIN, D
		F	1000 - 1100	GEA 114	
	• 48115	MWF	1200 - 100P	GEA 105	LEVIN, D
		W	200 - 300P	GAR 0.128	
	• 48120	MWF	1200 - 100P	GEA 105	LEVIN, D
		TH	200 - 300P	RLM 7.124	
	• 48125	MWF	1200 - 100P	GEA 105	LEVIN, D
		W	300 - 400P	GEA 114	
	• 48130	MWF	1200 - 100P	GEA 105	LEVIN, D
		TH	330 - 430P	SAC 5.102	
	• 48135	MWF	200 - 300P	GSB 2.126	THIJS, A
		M	1100 - 1200	BIO 301	
	• 48140	MWF	200 - 300P	GSB 2.126	THIJS, A
		M	1200 - 100P	MEZ 1.202	
	• 48145	MWF	200 - 300P	GSB 2.126	THIJS, A
		M	300 - 400P	JES A203A	
	• 48150	TTH	330 - 500P	PAI 3.02	LEVIN, D
		W	900 - 1000	RLM 6.112	
	• 48155	TTH	330 - 500P	PAI 3.02	LEVIN, D
		W	1000 - 1100	CMA 5.190	
	• 48160	TTH	330 - 500P	PAI 3.02	LEVIN, D
		M	200 - 300P	GDC 4.302	
	• 48165	TTH	330 - 500P	PAI 3.02	LEVIN, D
		T	200 - 300P	RLM 5.122	
	• 48170	TTH	330 - 500P	PAI 3.02	LEVIN, D
		M	300 - 400P	GDC 4.302	
	• 48175	TTH	330 - 500P	PAI 3.02	LEVIN, D
		M	400 - 500P	GDC 4.302	

INTRODUCTORY BIOLOGY II

Introduction to mechanisms of inheritance, evolution, physiology, and species interactions. Biology 301L and 311D may not both be counted. Biology 301M and 311D may not both be counted. Prerequisite: Biology 311C with a grade of at least C-. meets with BIO 311D.

	• 48180	MWF	200 - 300P	GSB 2.126	THIJS, A
		M	800 - 900		
	• 48185	MWF	200 - 300P	GSB 2.126	THIJS, A
		M	900 - 1000		
	• 48190	MWF	200 - 300P	GSB 2.126	THIJS, A
		M	1000 - 1100		

INTRODUCTORY BIOLOGY II

Designed to accommodate 100 or more students. Introduction to mechanisms of inheritance, evolution, physiology, and species interactions. Biology 301L and 311D

April 3, 2018

course	unique	days	time	room	instructor

may not both be counted. Biology 301M and 311D maynot both be counted. Prerequisite: Biology 311C with a grade of at least C-. Restricted to students in the Texas Interdisciplinary Plan.

• 48195	TTH	800 - 930	WEL 2.110	GONZALEZ, L
	TH	900 - 1000	SZB 526	
• 48200	TTH	800 - 930	WEL 2.110	GONZALEZ, L
	TH	1000 - 1100	SZB 524	
• 48205	TTH	800 - 930	WEL 2.110	GONZALEZ, L
	TH	330 - 430P	ETC 2.132	
• 48210	TTH	800 - 930	WEL 2.110	GONZALEZ, L
	TH	430 - 530P	ETC 2.132	

BIO 315H ADV INTRO TO GENETICS: HONORS

Basic principles of genetics and cell biology. Emphasis on gene structure and regulation; transmission of heritable traits; structure and function of cells; bacterial and viral genetics; and recombinant DNA technology. Prerequisite: A score of 5 on the College Board Advanced Placement Examination in Biology and credit or registration for Chemistry 301 or 301H.

• 48215	TTH	200 - 330P	RLM 5.120	MOON, J
	TH	900 - 1000	JES A205A	
• 48220	TTH	200 - 330P	RLM 5.120	MOON, J
	TH	1000 - 1100	SZB 434	
• 48225	TTH	200 - 330P	RLM 5.120	MOON, J
	W	300 - 400P	BUR 128	
• 48230	TTH	200 - 330P	RLM 5.120	MOON, J
	W	400 - 500P	BUR 128	

ADV INTRO TO GENETICS: HONORS

Restricted enrollment; contact the department for permission to register for this class. Basic principles of genetics and cell biology. Emphasis on gene structure and regulation; transmission of heritable traits; structure and function of cells; bacterial and viral genetics; and recombinant DNA technology. Prerequisite: A score of 5 on the College Board Advanced Placement Examination in Biology and credit or registration for Chemistry 301 or 301H.

• 48235	MWF	1100 - 1200	WEL 2.110	PAYNE, S
	TH	830 - 930	CLA 0.106	
• 48240	MWF	1100 - 1200	WEL 2.110	PAYNE, S
	TH	930 - 1030	JES A303A	
• 48245	MWF	1100 - 1200	WEL 2.110	PAYNE, S
	W	200 - 300P	CMA 3.108	
• 48250	MWF	1100 - 1200	WEL 2.110	PAYNE, S
	W	300 - 400P	CLA 0.106	
• 48255	TTH	1230 - 200P	BUR 112	MOON, J
	W	900 - 1000	MEZ 1.206	
• 48260	TTH	1230 - 200P	BUR 112	MOON, J
	W	1000 - 1100	MEZ 1.206	
• 48265	TTH	1230 - 200P	BUR 112	MOON, J
	T	300 - 400P	SAC 5.102	
• 48270	TTH	1230 - 200P	BUR 112	MOON, J
	T	400 - 500P	CLA 0.106	

BIO 320 CELL BIOLOGY

Principles of eukaryotic cell structure and function; macromolecules, membranes, organelles, cytoskeleton, signaling, cell division, differentiation, motility, and experimental methodologies. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 48275	TTH	930 - 1100	JGB 2.218	POENIE, M
	M	900 - 1000	RLM 6.112	
• 48280	TTH	930 - 1100	JGB 2.218	POENIE, M
	F	900 - 1000	GDC 2.502	
• 48285	TTH	930 - 1100	JGB 2.218	POENIE, M
	M	1000 - 1100	SZB 426	
• 48290	TTH	930 - 1100	JGB 2.218	POENIE, M
	F	1000 - 1100	GDC 4.302	
• 48295	TTH	930 - 1100	BUR 108	CHAN, C
	W	900 - 1000	BUR 228	
• 48300	TTH	930 - 1100	BUR 108	CHAN, C
	W	1000 - 1100	BUR 228	
• 48305	TTH	930 - 1100	BUR 108	CHAN, C
	TH	200 - 300P	JES A217A	
• 48310	TTH	930 - 1100	BUR 108	CHAN, C
	TH	330 - 430P	JES A303A	
• 48315	TTH	1100 - 1230P	BUR 108	CHAN, C
	T	800 - 900	ETC 2.132	
• 48320	TTH	1100 - 1230P	BUR 108	CHAN, C
	T	900 - 1000	ETC 2.132	
• 48325	TTH	1100 - 1230P	BUR 108	CHAN, C
	M	200 - 300P	GDC 2.502	
• 48330	TTH	1100 - 1230P	BUR 108	CHAN, C
	M	300 - 400P	GDC 2.210	
• 48335	TTH	1230 - 200P	WRW 102	DICKINSON, D
	W	1100 - 1200	BIO 301	
• 48340	TTH	1230 - 200P	WRW 102	DICKINSON, D
	W	1200 - 100P	GDC 2.210	
• 48345	TTH	1230 - 200P	WRW 102	DICKINSON, D
	W	100 - 200P	GDC 4.302	
• 48350	TTH	1230 - 200P	WRW 102	DICKINSON, D
	W	200 - 300P	BIO 301	

BIO 321G INTRO TO COMPUTATIONAL BIO-FRI

Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Introduces computational methods for the analysis of nucleic acid and protein sequences, with applications towards biological problems. Performance assessment will be based on experiential learning methods. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H; Statistics and Data Sciences 328M (or Statistics and Scientific Computation 328M); and Mathematics 408C, 408S, or 408R.

• 48355	TTH	500 - 630P	WEL 2.140	GUTELL, R
	TH	630 - 830P	WEL 2.140	

PRINCPLS OF COMPUTATIONAL BIO

Designed to accommodate 35 or fewer students. Introduces computational methods for the analysis of nucleic acid and protein sequences, with applications towards biological problems. Performance assessment will be based on experiential learning methods. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H; Statistics and Data Sciences 328M (or Statistics and Scientific Computation 328M); and Mathematics 408C, 408S, or 408R.

• 48360	TTH	500 - 630P	WEL 2.140	GUTELL, R
	T	630 - 830P	WEL 2.140	

BIO 322 STRUC/PHYS/REPRO OF SEED PLANT

The principles of structure and functioning of higher plants; special attention to the dynamics of growth and development and reproduction. Prerequisite: Biology 325 or 325H with a grade of at least C-, Chemistry302 or 302H, and concurrent enrollment in Biology 122L.

• 48365	MWF	900 - 1000	ECJ 1.308	PANERO, J

BIO 122L STRUCT/PHYS/REP SEED PLANT LAB

Observation of structure and reproduction in seed plants and employment of experimental techniques that demonstrate physiological processes, especially processes of growth and development. Prerequisite: Concurrent enrollment in Biology 322; and the following with a grade of at least C-: Biology 206L, 208L, 226L or Environmental Sciences 311.

• 48370	M	1200 - 200P	BIO 108	PANERO, J
• 48375	M	200 - 400P	BIO 108	PANERO, J
• 48380	M	400 - 600P	BIO 108	PANERO, J

BIO 325 GENETICS

Basic principles of Mendelism, molecular genetics, structure and function of genes and chromosomes, populations and evolution. Biology 325 and 325H may not both be counted. Prerequisite: Biology 311C and 311D with a grade of at least C- in each.

• 48385	TTH	800 - 930	GAR 0.102	MACDONALD, P
	F	900 - 1000	WAG 112	
• 48390	TTH	800 - 930	GAR 0.102	MACDONALD, P
	F	1000 - 1100	GDC 2.410	
• 48395	TTH	800 - 930	GAR 0.102	MACDONALD, P
	F	1100 - 1200	GDC 6.202	
• 48400	TTH	800 - 930	GAR 0.102	MACDONALD, P
	TH	200 - 300P	CBA 4.338	
• 48405	TTH	800 - 930	GAR 0.102	MACDONALD, P
	TH	300 - 400P	CBA 4.344	
• 48410	TTH	800 - 930	GAR 0.102	MACDONALD, P
	TH	400 - 500P	CBA 4.344	
• 48415	TTH	800 - 930	WCH 1.120	FISCHER, J
	TH	200 - 300P	RLM 5.118	
• 48420	TTH	800 - 930	WCH 1.120	FISCHER, J
	T	300 - 400P	CBA 4.344	
• 48425	TTH	800 - 930	WCH 1.120	FISCHER, J
	W	300 - 400P	GAR 1.126	
• 48430	TTH	800 - 930	WCH 1.120	FISCHER, J
	TH	330 - 430P	GDC 1.406	
• 48435	TTH	800 - 930	WCH 1.120	FISCHER, J
	T	400 - 500P	JES A215A	
• 48440	TTH	800 - 930	WCH 1.120	FISCHER, J
	W	400 - 500P	GAR 0.132	
• 48445	MWF	900 - 1000	GAR 0.102	SAXENA, I
	TH	1100 - 1200	SZB 284	
• 48450	MWF	900 - 1000	GAR 0.102	SAXENA, I
	W	200 - 300P	ECJ 1.308	
• 48455	MWF	900 - 1000	GAR 0.102	SAXENA, I
	TH	200 - 300P	SZB 380	
• 48460	MWF	900 - 1000	GAR 0.102	SAXENA, I
	W	300 - 400P	ECJ 1.306	
• 48465	MWF	900 - 1000	GAR 0.102	SAXENA, I
	TH	300 - 400P	SZB 380	
• 48470	MWF	900 - 1000	GAR 0.102	SAXENA, I
	TH	400 - 500P	SZB 240	

GENETICS

Designed to accommodate 100 or more students. Basic principles of Mendelism, molecular genetics, structure and function of genes and chromosomes, populations and evolution. Biology 325 and 325H may not both be counted. Prerequisite: Biology 311C and 311D with a grade of at least C- in each.

• 48475	MWF	1100 - 1200	GSB 2.126	KIM, G
	TH	930 - 1030	SZB 380	
• 48480	MWF	1100 - 1200	GSB 2.126	KIM, G
	TH	1100 - 1200	GAR 3.116	
• 48485	MWF	1100 - 1200	GSB 2.126	KIM, G
	TH	1200 - 100P	SZB 380	

April 3, 2018

course	unique	days	time	room	instructor
	• 48490	MWF	1100 - 1200	GSB 2.126	KIM, G
		W	100 - 200P	GDC 6.202	
	• 48495	MWF	1100 - 1200	GSB 2.126	KIM, G
		W	200 - 300P	PAR 103	
	• 48500	MWF	1100 - 1200	GSB 2.126	KIM, G
		W	300 - 400P	GAR 0.128	
	• 48505	MWF	1200 - 100P	GSB 2.124	KIM, G
		F	900 - 1000	RLM 6.112	
	• 48510	MWF	1200 - 100P	GSB 2.124	KIM, G
		F	1000 - 1100	RLM 5.114	
	• 48515	MWF	1200 - 100P	GSB 2.124	KIM, G
		F	1100 - 1200	ETC 2.114	
	• 48520	MWF	1200 - 100P	GSB 2.124	KIM, G
		F	1200 - 100P	ETC 2.114	

GENETICS

Basic principles of Mendelism, molecular genetics, structure and function of genes and chromosomes, populations and evolution. Biology 325 and 325H may not both be counted. Prerequisite: Biology 311C and 311D with a grade of at least C- in each.

• 48525	TTH	930 - 1100	BUR 208	SUNG, S
	W	800 - 900	JES A205A	
• 48530	TTH	930 - 1100	BUR 208	SUNG, S
	W	900 - 1000	JES A203A	
• 48535	TTH	930 - 1100	BUR 208	SUNG, S
	W	1000 - 1100	JES A209A	
• 48540	TTH	930 - 1100	BUR 208	SUNG, S
	T	230 - 330P	GAR 0.120	
• 48545	TTH	930 - 1100	BUR 208	SUNG, S
	T	330 - 430P	GAR 0.132	
• 48550	TTH	930 - 1100	BUR 208	SUNG, S
	T	430 - 530P	GAR 0.132	
• 48565	TTH	1100 - 1230P	BUR 212	LLOYD, A
	TH	200 - 300P	SAC 5.102	
• 48571	TTH	1100 - 1230P	BUR 212	LLOYD, A
	W	100 - 200P	JES A217A	
• 48572	TTH	1100 - 1230P	BUR 212	LLOYD, A
	W	200 - 300P	JES A218A	
• 48575	TTH	1230 - 200P	CLA 0.126	FISCHER, J
	W	900 - 1000	WAG 112	
• 48580	TTH	1230 - 200P	CLA 0.126	FISCHER, J
	W	1000 - 1100	CAL 200	
• 48585	TTH	1230 - 200P	CLA 0.126	FISCHER, J
	W	1100 - 1200	PAR 308	
• 48590	TTH	1230 - 200P	CLA 0.126	FISCHER, J
	T	200 - 300P	SZB 524	
• 48595	TTH	1230 - 200P	CLA 0.126	FISCHER, J
	T	300 - 400P	MEZ 1.120	
• 48600	TTH	1230 - 200P	CLA 0.126	FISCHER, J
	T	400 - 500P	SZB 284	
• 48605	MWF	100 - 200P	WRW 102	SAXENA, I
	F	900 - 1000	GDC 1.406	
• 48610	MWF	100 - 200P	WRW 102	SAXENA, I
	F	1000 - 1100	GDC 1.406	
• 48615	MWF	100 - 200P	WRW 102	SAXENA, I
	F	1100 - 1200	GDC 1.406	
• 48620	MWF	100 - 200P	WRW 102	SAXENA, I
	TH	200 - 300P	GDC 5.304	
• 48625	MWF	100 - 200P	WRW 102	SAXENA, I
	TH	330 - 430P	GEA 127	
• 48630	MWF	100 - 200P	WRW 102	SAXENA, I
	TH	430 - 530P	GEA 127	
• 48635	MWF	200 - 300P	WRW 102	SAXENA, I
	TH	830 - 930	GDC 2.210	
• 48640	MWF	200 - 300P	WRW 102	SAXENA, I
	TH	930 - 1030	ETC 2.132	
• 48645	MWF	200 - 300P	WRW 102	SAXENA, I
	TH	1100 - 1200	CMA 5.190	
• 48650	MWF	200 - 300P	WRW 102	SAXENA, I
	W	300 - 400P	GDC 2.210	
• 48655	MWF	200 - 300P	WRW 102	SAXENA, I
	W	400 - 500P	GDC 2.210	
• 48660	MWF	200 - 300P	WRW 102	SAXENA, I
	W	500 - 600P	GDC 2.410	

GENETICS

Basic principles of Mendelism, molecular genetics, structure and function of genes and chromosomes, populations and evolution. Biology 325 and 325H may not both be counted. Prerequisite: Biology 311C and 311D with a grade of at least C- in each. Restricted to students in the Texas Interdisciplinary Plan.

• 48665	MWF	100 - 200P	WEL 2.110	PATTERSON, K
	TH	1200 - 100P	SZB 526	
• 48670	MWF	100 - 200P	WEL 2.110	PATTERSON, K
	TH	100 - 200P	SZB 524	
• 48675	MWF	100 - 200P	WEL 2.110	PATTERSON, K
	W	300 - 400P	PAR 208	
• 48680	MWF	100 - 200P	WEL 2.110	PATTERSON, K
	W	400 - 500P	PAR 208	

BIO 325L LAB EXPERIENCE IN GENETICS

Experimentation and direct observation in fundamental aspects of transmission genetics. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Sciences 311.

• 48685	M	200 - 300P	JGB 2.216	BRUNER, K
	T	900 - 100P	PAI 1.40	
• 48690	M	200 - 300P	JGB 2.216	BRUNER, K
	W	900 - 100P	PAI 1.40	
• 48695	M	200 - 300P	JGB 2.216	BRUNER, K
	W	130 - 530P	PAI 1.40	
• 48700	M	200 - 300P	JGB 2.216	BRUNER, K
	W	130 - 530P	PAI 1.44	
• 48705	M	200 - 300P	JGB 2.216	BRUNER, K
	T	200 - 600P	PAI 1.40	
• 48710	M	200 - 300P	JGB 2.216	BRUNER, K
	TH	200 - 600P	PAI 1.40	

BIO 226L GENERAL MICROBIOLOGY LAB

Introduction to microbiology laboratory techniques and experimental demonstration of principles of microbiology. Prerequisite: Credit with a grade of at least C- or registration for Biology 326M or 326R.

• 48715	M	200 - 300P	JES A121A	
	T	1100 - 200P	BME 2.106	
• 48720	M	200 - 300P	JES A121A	
	T	1100 - 200P	BME 2.204	
• 48725	M	200 - 300P	JES A121A	
	W	1100 - 200P	BME 2.106	
• 48730	M	200 - 300P	JES A121A	
	W	1100 - 200P	BME 2.204	
• 48735	M	200 - 300P	JES A121A	
	TH	1100 - 200P	BME 2.106	
• 48740	M	200 - 300P	JES A121A	
	TH	1100 - 200P	BME 2.204	
• 48745	M	200 - 300P	JES A121A	
	T	300 - 600P	BME 2.106	
• 48750	M	200 - 300P	JES A121A	
	T	300 - 600P	BME 2.204	
• 48755	M	200 - 300P	JES A121A	
	W	300 - 600P	BME 2.106	
• 48760	M	200 - 300P	JES A121A	
	W	300 - 600P	BME 2.204	
• 48765	M	200 - 300P	JES A121A	
	TH	300 - 600P	BME 2.106	
• 48770	M	200 - 300P	JES A121A	
	TH	300 - 600P	BME 2.204	

GENERAL MICROBIOLOGY LAB-FRI

Hour(s) to be arranged. Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Introduction to microbiology laboratory techniques and experimental demonstration of principles of microbiology. Prerequisite: Credit with a grade of at least C- or registration for Biology 326M or 326R. Restricted to students in the Freshman Research Initiative program.

• 48774 PALMER, G

BIO 326M INTRO MEDICAL MICROBIO/IMMUNOL

Overview of the structure, function, and genetics of bacteria, viruses, and fungi, with emphasis on the interactions between micro-organisms andthe human host. Includes principles of microbial pathogenesis, the host's innate and adaptive immune responses to infection, epidemiology, laboratory diagnosis, and antimicrobial chemotherapy and vaccines. Designed primarily for nursing and prepharmacy students. Prerequisite: Biology 311C; Biology 325 or 325H with a grade of at leastC-; Chemistry 301 with a grade of at least C-; and one of the following with a grade of at least C-: Mathematics 408C, 408K, 408N, 408R, Statistics and Scientific Computation 302.

• 48775	MWF	1100 - 1200	BUR 116	SAXENA, P
	T	900 - 1000	MEZ 1.204	
• 48780	MWF	1100 - 1200	BUR 116	SAXENA, P
	T	1000 - 1100	GAR 1.126	
• 48785	MWF	1100 - 1200	BUR 116	SAXENA, P
	T	100 - 200P	RLM 7.112	
• 48790	MWF	1100 - 1200	BUR 116	SAXENA, P
	T	200 - 300P	BEN 1.102	
• 48795	MWF	200 - 300P	BUR 116	SAXENA, P
	M	800 - 900	GDC 2.502	
• 48800	MWF	200 - 300P	BUR 116	SAXENA, P
	M	900 - 1000	GDC 2.502	
• 48805	MWF	200 - 300P	BUR 116	SAXENA, P
	M	1100 - 1200	GDC 1.406	
• 48810	MWF	200 - 300P	BUR 116	SAXENA, P
	M	1200 - 100P	GDC 5.304	

INTRO MEDICAL MICROBIO/IMMUNOL

Overview of the structure, function, and genetics of bacteria, viruses, and fungi, with emphasis on the interactions between micro-organisms andthe human host. Includes principles of microbial pathogenesis, the host's innate and adaptive immune responses to infection, epidemiology, laboratory diagnosis, and antimicrobial chemotherapy and vaccines. Designed primarily for nursing and prepharmacy students. Prerequisite: Biology 311C; Biology 325 or 325H with a grade of at leastC-; Chemistry 301

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course	unique	days	time	room	instructor

with a grade of at least C-; and one of the following with a grade of at least C-: Mathematics 408C, 408K, 408N, 408R, Statistics and Scientific Computation 302. Restricted to nursing, pre-pharmacy, and public health students.

• 48815	MWF	100 - 200P	BUR 116	SAXENA, P
	W	900 - 1000	PAR 105	
• 48820	MWF	100 - 200P	BUR 116	SAXENA, P
	W	1000 - 1100	PAR 208	
• 48825	MWF	100 - 200P	BUR 116	SAXENA, P
	M	200 - 300P	CLA 0.118	
• 48830	MWF	100 - 200P	BUR 116	SAXENA, P
	M	300 - 400P	CLA 1.108	

BIO 326R GENERAL MICROBIOLOGY

Overview of the major areas of microbiological study, including cell structure and function, genetics, host-microbe interactions, physiology, ecology, diversity, and virology. Prerequisite: Credit with a grade of at least C- or registration for Biology 325 or 325H, and Chemistry 302 or 302H with a grade of at least C-.

• 48835	MWF	900 - 1000	BUR 112	KING, P
	M	200 - 300P	JES A217A	
• 48840	MWF	900 - 1000	BUR 112	KING, P
	T	200 - 300P	JES A216A	
• 48845	MWF	900 - 1000	BUR 112	KING, P
	M	300 - 400P	JES A217A	
• 48850	MWF	900 - 1000	BUR 112	KING, P
	T	330 - 430P	JES A205A	
• 48855	MWF	1000 - 1100	BUR 108	WALKER, J
	T	1230 - 130P	PAR 101	
• 48860	MWF	1000 - 1100	BUR 108	WALKER, J
	M	200 - 300P	SZB 284	
• 48865	MWF	1000 - 1100	BUR 108	WALKER, J
	T	200 - 300P	GDC 5.304	
• 48870	MWF	1000 - 1100	BUR 108	WALKER, J
	M	300 - 400P	MEZ 1.118	
• 48875	MWF	1200 - 100P	BUR 108	WALKER, J
	W	900 - 1000	GDC 5.304	
• 48880	MWF	1200 - 100P	BUR 108	WALKER, J
	W	1000 - 1100	JES A216A	
• 48885	MWF	1200 - 100P	BUR 108	WALKER, J
	T	200 - 300P	MEZ 2.124	
• 48890	MWF	1200 - 100P	BUR 108	WALKER, J
	T	330 - 430P	GEA 127	

BIO 328 INTRODUCTORY PLANT PHYSIOLOGY

General principles of the mineral nutrition, water relations, metabolic activities, growth and development of green plants. Prerequisite: Biology 325 or 325H with a grade of at least C-, and Chemistry 302 or 302H. meets with BIO 381P.

• 48895	TTH	200 - 330P	WEL 2.140	CLARK, G

BIO 330 MOL BIOLOGY OF ANIMAL VIRUSES

Mechanisms by which viruses replicate and kill or transform cells. Prerequisite: Biology 325 or 325H, and 326M or 326R with a grade of at least C- in each. meets with BIO 391P.

• 48900	TTH	1230 - 200P	BUR 220	SULLIVAN, C

BIO 230L VIROLOGY LABORATORY

Basic experimental techniques applied to selected bacteriophages and animal viruses. Prerequisite: Biology 226L with a grade of at least C-, and credit with a grade of at least C- or registration for Biology 330.

• 48905	F	100 - 200P	BME 2.110	ULUG, E
	M	100 - 500P	BME 2.310	

BIO 331L LAB STUDIES IN MOLECULAR BIO

Designed to accommodate 35 or fewer students. The methods and principles of molecular biology in a research laboratorycontext. Students conduct a research project directed by a faculty member. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Sciences 311. Topic description: Explores molecular biology methods, experimental design, analyses applicable to both research and fields such as healthcare, biotechnology, and genetic analyses while carrying out experiments in a research project format. meets with BIO 395.

• 48910	W	1100 - 1200	GDC 2.402	MEHDY, M
	W	100 - 600P	PAI 1.30	

BIO 335 INTRO TO BIOCHEM ENGINEERING

Microorganisms in chemical and biochemical synthesis; genetic manipulation of cells by classical and recombinant DNA techniques. Enzyme technology; design of bioreactors and microbial fermentations; separations of biological products. Only one of the following may be counted: Biology 335, Biomedical Engineering 339, Chemical Engineering 339, 379 (Topic: Introduction to Biochemical Engineering). Prerequisite: Biochemistry 339F (or Chemistry 339K) or 369 (or Chemistry 369), and Biology 311C with a grade of at least C-. meets with BME 339, CHE 339.

• 48915	TTH	930 - 1100	BUR 112	GEORGIOU, G
	TH	500 - 600P	CPE 2.210	

BIO 336 TUMOR BIOLOGY

Designed to accommodate 35 or fewer students. Covers core aspects of cancer pathology, treatment, epidemiology, the discovery of oncogenes and tumor suppressors, and the molecular geneticsunderlying the characteristic features of malignant tumors (including metastatic behavior, genomic instability, angiogenesis, cell cycle regulation, and apoptosis). Strong emphasis on the biochemical functionsof cancer-related proteins and enzymes and therapeutic approaches based on our understanding of these proteins. Important experimental approaches that have influenced our current understanding of cancer willalso be stressed. Prerequisite: Biology 325 or 325H with a grade of at least C-; and one of the following with a grade of at least C-: Biochemistry 339F, 369, Biology 330, 360K. meets with BIO 394M.

• 48920	MWF	1000 - 1100	BUR 136	HUIBREGTSE, J

BIO 137 6-PRACTICAL ETHICS BIOLOGISTS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Recent developments and research methods in the biological sciences. Incorporates weekly case studies to introduce common ethical issues faced by biologists in the field and the lab. Employs the Systematic Moral Analysis framework to critically examine ethical issues in scientific inquiry in general (data integrity, who pays for science) as well as issues specific to biologists in the field and laboratory (questionable research practices, conflicts of interest, expertise vs advocacy). Explores issues of personal values, implicit bias and environmental justice. Prerequisite: Biology 325 or 325H with a grade of at least C-; additional prerequisites vary with the topic.

• 48924	M	1200 - 100P	PHR 2.116	CAMERON, S

BIO 337 2-RESEARCH METHODS: UTEACH

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Recent developments and research methods in the biological sciences. Students perform independent inquiries and use skills from mathematics and science to solve research problems. Restricted to students in the UTeach-Natural Sciences program. Prerequisite: Biology 325 or 325H with a grade of at least C-; additional prerequisites vary with the topic. Restricted to students seeking math and science certification in the UTeach program. meets with CH 368 (TOPIC 1), PHY 341 (TOPIC 7).

• 48925	M	900 - 1100	PAI 4.08	MARDER, M
	W	900 - 1100	PAI 4.14	
• 48930	M	1100 - 100P	PAI 4.08	BOLNICK, D
	W	1100 - 100P	PAI 4.14	

BIO 339M BACTRL BEHAV & SIGNALING MECHS

Designed to accommodate 35 or fewer students. Advanced studies in how bacteria perceive their environment and communicate with each other. Subjects may include chemotaxis and motility, morphogenesis and development, and secretion and virulence. Taught entirely through reading and discussion of original articles. Prerequisite: Biology 325 or 325H with a grade of at least C-, and Biology 326R with a grade of at least C-. meets with BIO 394M.

• 48935	TTH	930 - 1100	ECJ 1.314	HARSHEY, R

BIO 344 MOLECULAR BIOLOGY

Molecular basis of cellular processes: gene structure and function, DNA replication, RNA and protein synthesis, viruses, molecular aspects of immunology and cancer, and recombinant DNA. Prerequisite: Biology 325 or 325H, and Biochemistry 369 or 339F with a grade of at least a C-.

• 48940	TTH	930 - 1100	BUR 134	HUQ, E
	W	800 - 900	MBB 3.304	
• 48945	TTH	930 - 1100	BUR 134	HUQ, E
	W	900 - 1000	MBB 3.304	
• 48950	TTH	930 - 1100	BUR 134	HUQ, E
	W	300 - 400P	MBB 3.304	
• 48955	TTH	930 - 1100	BUR 134	HUQ, E
	W	400 - 500P	MBB 3.304	
• 48960	MW	1230 - 200P	JGB 2.218	STEVENS, S
	T	830 - 930	SZB 526	
• 48965	MW	1230 - 200P	JGB 2.218	STEVENS, S
	T	930 - 1030	SZB 526	
• 48970	MW	1230 - 200P	JGB 2.218	STEVENS, S
	T	230 - 330P	MEZ 1.204	
• 48975	MW	1230 - 200P	JGB 2.218	STEVENS, S
	T	330 - 430P	GDC 2.402	

BIO 346 HUMAN BIOLOGY

Introduction to human evolution, genetics, sexuality, senescence, and population growth. Only one of the following may be counted: Biology 301G, 309F, 346. Prerequisite: Biology 325 or 325H with a grade of at least C-. meets with BIO 346.

• 48980	TTH	930 - 1100	JGB 2.202	PHELPS, S
	M	1100 - 1200	UTC 3.120	
• 48985	TTH	930 - 1100	JGB 2.202	PHELPS, S
	M	1200 - 100P	GDC 2.402	
• 48990	TTH	930 - 1100	JGB 2.202	PHELPS, S
	M	200 - 300P	RLM 5.118	
• 48995	TTH	930 - 1100	JGB 2.202	PHELPS, S
	M	300 - 400P	RLM 5.118	

BIO 446L HUMAN MICROSCOPIC & GROSS ANAT

Designed to accommodate 100 or more students. Designed for students preparing for biomedical research and the health professions. Focuses on microscopic and gross anatomy of human tissues and organs, with an emphasis on structure function relationships. Subjects include the effects of disease and aging in addition to normal human anatomy. Prerequisite: The following courses with a grade of at least C-: Biology325 or 325H; Chemistry 301; and Mathematics 408C, 408K, 408N, 408R, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), or 328M (or Statistics and Scientific Computation 328M).

• 49000	MWF	900 - 1000		CANNATELLA, D
	M	100 - 500P		
• 49005	MWF	900 - 1000		CANNATELLA, D
	W	100 - 500P	PAI 3.22	

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course	unique	days	time	room	instructor
	• 49010	MWF	900 - 1000		CANNATELLA, D
		T	200 - 600P	PAI 3.22	
	• 49015	MWF	900 - 1000		CANNATELLA, D
		W	500 - 900P	PAI 3.20	

HUMAN MICROSCOPIC & GROSS ANAT

Designed for students preparing for biomedical research and the health professions. Focuses on microscopic and gross anatomy of human tissues and organs, with an emphasis on structure function relationships. Subjects include the effects of disease and aging in addition to normal human anatomy. Prerequisite: The following courses with a grade of at least C-: Biology325 or 325H; Chemistry 301; and Mathematics 408C, 408K, 408N, 408R, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), or 328M (or Statistics and Scientific Computation 328M).

• 49020	MWF	1000 - 1100	WCH 1.120	HINES, M
	M	100 - 500P	PAI 3.20	
• 49025	MWF	1000 - 1100	WCH 1.120	HINES, M
	M	100 - 500P	PAI 3.20	
• 49030	MWF	1000 - 1100	WCH 1.120	HINES, M
	W	100 - 500P	PAI 3.20	
• 49035	MWF	1000 - 1100	WCH 1.120	HINES, M
	TH	200 - 600P	PAI 3.22	
• 49040	MWF	1000 - 1100	WCH 1.120	HINES, M
	M	500 - 900P	PAI 3.20	
• 49045	MWF	1000 - 1100	WCH 1.120	HINES, M
	M	500 - 900P	PAI 3.22	
• 49050	MWF	1000 - 1100	WCH 1.120	HINES, M
	W	500 - 900P	PAI 3.22	
• 49055	MWF	1000 - 1100	WCH 1.120	HINES, M
	W	500 - 900P	PAI 3.22	

BIO 349 DEVELOPMENTAL BIOLOGY

Principles of animal development, with emphasis on developmental mechanisms. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 49060	MW	200 - 330P	CPE 2.212	EBERHART, J
	F	900 - 1000	GDC 2.410	
• 49065	MW	200 - 330P	CPE 2.212	EBERHART, J
	F	1000 - 1100	GDC 2.402	
• 49070	MW	200 - 330P	CPE 2.212	EBERHART, J
	TH	200 - 300P	CBA 4.340	
• 49075	MW	200 - 330P	CPE 2.212	EBERHART, J
	TH	300 - 400P	GDC 2.402	

BIO 350M PLANT MOLECULAR BIOLOGY

Fundamentals of plant molecular biology, including structure and expression of the chloroplast and mitochondrial genomes. Biology 350M and 388M may not both be counted. Prerequisite: Biology 325 or 325H with a grade of at least C-. meets with BIO 388M.

• 49080	TTH	330 - 500P	BUR 134	HERRIN, D

BIO 351 ECONOMIC BOTANY

An in-depth analysis of the origin of domesticated plant species, the role in nature of plant products, and the ways natural products have been altered through artificial selection. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 49085	MWF	900 - 1000	BIO 118	THIJS, A

BIO 453L ENTOMOLOGY

Additional hour(s) to be arranged. Characteristics, importance, and biology of the major groups of insects. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Science 311.

• 49090	TTH	1100 - 1200	BIO 214	WILD, A
	T	100 - 400P	BIO 413	

BIO 359K PRINCIPLES OF ANIMAL BEHAVIOR

An introduction to the study of animal behavior: descriptive analysis of behavior; physiological basis of behavior; development of behavior; adaptive significance and evolution of behavior; communication and social behavior. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 49095	MWF	1100 - 1200	BUR 212	MCCLELLAND, B
	T	830 - 930	CAL 221	
• 49100	MWF	1100 - 1200	BUR 212	MCCLELLAND, B
	T	930 - 1030	BEN 1.106	
• 49105	MWF	1100 - 1200	BUR 212	MCCLELLAND, B
	T	1230 - 130P	JES A218A	
• 49110	MWF	1100 - 1200	BUR 212	MCCLELLAND, B
	T	200 - 300P	JES A217A	
• 49115	MWF	1200 - 100P	BUR 208	MCCLELLAND, B
	M	800 - 900	GDC 2.402	
• 49120	MWF	1200 - 100P	BUR 208	MCCLELLAND, B
	F	800 - 900	GDC 4.302	
• 49125	MWF	1200 - 100P	BUR 208	MCCLELLAND, B
	M	900 - 1000	GDC 1.406	
• 49130	MWF	1200 - 100P	BUR 208	MCCLELLAND, B
	F	900 - 1000	GDC 4.302	
• 49135	TTH	330 - 500P	PHR 2.114	RYAN, M
	M	100 - 200P	ECJ 1.308	
• 49140	TTH	330 - 500P	PHR 2.114	RYAN, M
	M	200 - 300P	ECJ 1.308	
• 49145	TTH	330 - 500P	PHR 2.114	RYAN, M
	M	300 - 400P	CLA 0.108	
• 49150	TTH	330 - 500P	PHR 2.114	RYAN, M
	M	400 - 500P	ECJ 1.308	

BIO 360K IMMUNOLOGY

The basic concepts of humoral and cell-associated immune phenomena. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 326R or 326M. meets with BIO 394M (TOPIC 1).

• 49155	MW	200 - 330P	BUR 112	EHRLICH, L

BIO 260L IMMUNOLOGY LABORATORY

Current techniques in experimental cellular and humoral immunology. Prerequisite: Biology 325 or 325H with a grade of at least C-; Biology 206L, 208L, 226L, or Environmental Science 311 with a grade of at least C-; and credit or registration for Biology 360K.

• 49160	F	300 - 400P	BME 2.110	ULUG, E
	W	100 - 500P	BME 2.310	
• 49165	F	300 - 400P	BME 2.110	ULUG, E
	W	600 - 1000P	BME 2.310	

BIO 361 HUMAN INFECTIOUS DISEASES

Etiology, pathogenesis, diagnosis, and immunobiology of the major microbial diseases, with emphasis on their prevention. Prerequisite: Biology 325 or 325H, and Biology 326M or 326R with a gradeof at least C- in each.

• 49170	TTH	1100 - 1230P	BUR 134	BARTH, S

BIO 361L CLINICAL BACTERIOLOGY LAB

Designed to accommodate 35 or fewer students. Training in techniques required for independent work in diagnostic and epidemiological bacteriology. Prerequisite: The following with a grade of at least C- in each: Biology325 or 325H; 226L; and 326R or 326M.

• 49175	TTH	1230 - 130P	ETC 2.102	BARTH, S
	TTH	130 - 400P	BME 2.308	
• 49180	TTH	1230 - 130P	ETC 2.102	BARTH, S
	TTH	400 - 630P	BME 2.308	

BIO 463L PLANT SYSTEMATICS

Principles of plant classification, phylogeny, and diversity as exemplified by families and species of flowering plants found seasonallyin Texas with an emphasis on the local flora. Biology 262 and 262L, and 463L may not both be counted. Prerequisite: The following with grades of at least C-: Biology 325 or 325H; and Biology 206L, 208L, 226L, or Environmental Science 311.

• 49185	MW	100 - 200P	BIO 214	JANSEN, R
	W	200 - 500P	BIO 118	

BIO 365S HUMAN SYSTEMS PHYSIOLOGY

Overview of human physiology, including the cardiovascular, respiratory,and renal systems, with an emphasis on critical thinking, integration, and application. Additional subjects include membrane movement, osmolarity and tonicity, endocrinology, and neurophysiology. Prerequisite: Biology 311C; Biology 325 or 325H, and Chemistry 301 or 301H with a grade of at least C- in each; and one of the following with a grade of at least C-: Mathematics 408C, 408K, 408N, 408R, or Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302).

• 49190	TTH	800 - 930	CMA 2.306	CHENG, S
	M	1000 - 1100	PAR 208	
• 49195	TTH	800 - 930	CMA 2.306	CHENG, S
	F	1000 - 1100	GDC 4.304	
• 49200	TTH	800 - 930	CMA 2.306	CHENG, S
	M	1100 - 1200	SAC 5.102	
• 49205	TTH	800 - 930	CMA 2.306	CHENG, S
	F	1100 - 1200	GAR 0.128	
• 49210	MWF	1200 - 100P	GAR 0.102	MACHART, J
	W	800 - 900	GDC 4.302	
• 49215	MWF	1200 - 100P	GAR 0.102	MACHART, J
	T	830 - 930	SZB 278	
• 49220	MWF	1200 - 100P	GAR 0.102	MACHART, J
	W	900 - 1000	SAC 5.102	
• 49225	MWF	1200 - 100P	GAR 0.102	MACHART, J
	T	930 - 1030	SZB 278	

HUMAN SYSTEMS PHYSIOLOGY

Overview of human physiology, including the cardiovascular, respiratory,and renal systems, with an emphasis on critical thinking, integration, and application. Additional subjects include membrane movement, osmolarity and tonicity, endocrinology, and neurophysiology. Prerequisite: Biology 311C; Biology 325 or 325H, and Chemistry 301 or 301H with a grade of at least C- in each; and one of the following with a grade of at least C-: Mathematics 408C, 408K, 408N, 408R, or Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302). Restricted to nursing majors.

• 49230	TTH	930 - 1100	CMA 2.306	CHENG, S
	W	1200 - 100P	JES A209A	
• 49235	TTH	930 - 1100	CMA 2.306	CHENG, S
	W	100 - 200P	JES A209A	
• 49240	TTH	930 - 1100	CMA 2.306	CHENG, S
	W	300 - 400P	ETC 2.114	
• 49245	TTH	930 - 1100	CMA 2.306	CHENG, S
	W	400 - 500P	CLA 0.104	

BIO 165U HUMAN SYSTEMS PHYSIO LAB

Additional hour(s) to be arranged. Offers hands-on experience in human physiology and encourages critical thinking via case study application. Explores the scientific method through the reading of scientific journal articles; writing protocols for basic physiological experiments; and collecting, analyzing, and presenting data. Prerequisite: Biology 325 or 325H with a grade of at least C-, and credit or registration for Biology 365S.

• 49250	M	100 - 500P	PAI 3.12	MACHART, J

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course	unique	days	time	room	instructor
	• 49255	W	100 - 500P	PAI 3.12	MACHART, J
	• 49260	TH	200 - 600P	PAI 3.12	MACHART, J
	• 49265	M	500 - 900P	PAI 3.12	MACHART, J
	• 49270	W	500 - 900P	PAI 3.12	MACHART, J

HUMAN SYSTEMS PHYSIO LAB

Additional hour(s) to be arranged. Offers hands-on experience in human physiology and encourages critical thinking via case study application. Explores the scientific method through the reading of scientific journal articles; writing protocols for basic physiological experiments; and collecting, analyzing, and presenting data. Prerequisite: Biology 325 or 325H with a grade of at least C-, and credit or registration for Biology 365S. Restricted to nursing majors.

• 49275	T	200 - 600P	PAI 3.12	MACHART, J
• 49280	T	600 - 1000P	PAI 3.12	MACHART, J
• 49285	TH	600 - 1000P	PAI 3.12	MACHART, J

BIO 366 MICROBIAL GENETICS

Molecular biology of nucleic acids; biosynthesis of macromolecules, transfer of genetic material from cell to cell, recombination, mutagenesis, and regulatory mechanisms. Biology 366 and 391S may not both be counted. Prerequisite: Biology 325 or 325H with a grade of at least C-, and Biology 326R with a grade of at least C-.

• 49290	TTH	1100 - 1230P	PHR 2.116	JAYARAM, M

BIO 367C CELL/MOLEC BASES NEUR DEVEL

An introduction to the principles by which the neural tube (brain and spinal cord) forms during embryonic development. Subjects include the cellular and molecular mechanisms underlying the formation of a three-dimensional neural tube and its division into forebrain, midbrain,hindbrain, and spinal cord. Biology 365N and BIO 367C may not both be counted. Prerequisite: One of the following with a grade of at least C-: Biology 325, Neuroscience 330, 365R. meets with BIO 381K.

• 49295	TTH	930 - 1100	GDC 2.410	AGARWALA, S

BIO 370 EVOLUTION

Introduction to modern evolutionary biology, focusing on the evolution of molecular, developmental, morphological, and behavioral traits. Genetic and ecological bases of evolutionary changes within populations and of evolutionary divergence in animals and plants. Biology 370 and 385K (Topic 2: Evolution) may not both be counted. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 49300	TTH	930 - 1100	BUR 116	OCHMAN, H
	W	1100 - 1200	SZB 426	
• 49305	TTH	930 - 1100	BUR 116	OCHMAN, H
	W	1200 - 100P	SZB 426	
• 49310	TTH	930 - 1100	BUR 116	OCHMAN, H
	T	200 - 300P	GDC 2.210	
• 49315	TTH	930 - 1100	BUR 116	OCHMAN, H
	T	330 - 430P	ECJ 1.222	
• 49320	TTH	930 - 1100	BUR 224	KIRKPATRICK, M
	F	900 - 1000	GAR 3.116	
• 49325	TTH	930 - 1100	BUR 224	KIRKPATRICK, M
	F	1000 - 1100	GAR 2.128	
• 49330	TTH	930 - 1100	BUR 224	KIRKPATRICK, M
	TH	330 - 430P	GAR 1.134	
• 49335	TTH	930 - 1100	BUR 224	KIRKPATRICK, M
	TH	430 - 530P	GAR 0.132	
• 49340	MWF	1000 - 1100	BUR 112	HAVIRD, J
	T	830 - 930	CLA 0.106	
• 49345	MWF	1000 - 1100	BUR 112	HAVIRD, J
	T	930 - 1030	JES A217A	
• 49350	MWF	1000 - 1100	BUR 112	HAVIRD, J
	M	200 - 300P	GDC 2.410	
• 49355	MWF	1000 - 1100	BUR 112	HAVIRD, J
	M	300 - 400P	GDC 2.410	
• 49360	MWF	1100 - 1200	BUR 112	LINDER, C
	T	1100 - 1200	GDC 2.502	
• 49365	MWF	1100 - 1200	BUR 112	LINDER, C
	T	1230 - 130P	CAL 200	
• 49370	MWF	1100 - 1200	BUR 112	LINDER, C
	T	130 - 230P	CLA 0.104	
• 49375	MWF	1100 - 1200	BUR 112	LINDER, C
	T	230 - 330P	GDC 1.406	
• 49380	TTH	1100 - 1230P	BUR 116	JUENGER, T
	W	1000 - 1100	MEZ 2.118	
• 49385	TTH	1100 - 1230P	BUR 116	JUENGER, T
	W	1100 - 1200	GAR 0.132	
• 49390	TTH	1100 - 1230P	BUR 116	JUENGER, T
	T	200 - 300P	JES A209A	
• 49395	TTH	1100 - 1230P	BUR 116	JUENGER, T
	T	300 - 400P	JES A209A	
• 49400	TTH	1100 - 1230P	BUR 216	LINDER, C
	F	900 - 1000	JES A215A	
• 49405	TTH	1100 - 1230P	BUR 216	LINDER, C
	F	1000 - 1100	JES A305A	
• 49410	TTH	1100 - 1230P	BUR 216	LINDER, C
	F	1200 - 100P	JES A209A	
• 49415	TTH	1100 - 1230P	BUR 216	LINDER, C
	F	100 - 200P	JES A209A	

BIO 170C CONFERENCE COURSE

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Supervised study of selected topics in biology, by individual arrangement with the instructor. Prerequisite: Biology 325 or 325H with a grade of at least C-; additional prerequisites vary with the topic.

• 49420

BIO 371L EXPERIMENTAL PHYSIOLOGY

Additional hour(s) to be arranged. Experimental approach to physiological mechanisms by which animals adaptto their environment. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Science 311.

• 49425	W	1200 - 100P	PHR 2.116	ENGLISH, P
	W	100 - 500P	PAI 3.06	
• 49430	W	1200 - 100P	PHR 2.116	ENGLISH, P
	T	200 - 600P	PAI 3.06	

BIO 372C BIO PEER MENTORS RSCH/TCH

Additional hour(s) to be arranged. Students work as peer mentors and assistants in the teaching of biology,with emphasis on developing instructional materials that teach fundamental biology with real world data. Biology 372C and Chemistry 372C may not both be counted. Prerequisite: Biology 311C, 311D, and 325, or Biology 315H and 325H, with a grade of at least B in each; and consent of the undergraduate adviser.

• 49435	W	200 - 400P	WEL 2.140	MOON, J

BIO 373 ECOLOGY

An introduction to ecology, the study of relationships among organisms and between organisms and their environment; adaptations, population, communities, and ecosystems. Includes both plants and animals and both terrestrial and aquatic ecosystems. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 49440	TTH	930 - 1100	WEL 2.110	FOWLER, N
	W	900 - 1000	JES A217A	
• 49445	TTH	930 - 1100	WEL 2.110	FOWLER, N
	W	1000 - 1100	JES A218A	
• 49450	TTH	930 - 1100	WEL 2.110	FOWLER, N
	T	200 - 300P	RLM 5.114	
• 49455	TTH	930 - 1100	WEL 2.110	FOWLER, N
	T	330 - 430P	RLM 5.126	
• 49460	TTH	330 - 500P	WEL 2.110	FARRIOR, C
	M	900 - 1000	GDC 5.304	
• 49465	TTH	330 - 500P	WEL 2.110	FARRIOR, C
	M	1000 - 1100	GDC 2.402	
• 49470	TTH	330 - 500P	WEL 2.110	FARRIOR, C
	M	200 - 300P	MEZ 2.102	
• 49475	TTH	330 - 500P	WEL 2.110	FARRIOR, C
	M	300 - 400P	PAR 210	

BIO 373L ECOLOGY LABORATORY

Additional hour(s) to be arranged. Intensive field ecology. Includes group field experiment and observation, independent projects, and field trips to other vegetation zones. Students complete weekly write-ups of observation and data analysis, reports of independent projects, and an oral presentation on an independent project. Prerequisite: Credit with a grade of at least C- or registration for Biology 373; and the following with a grade of at least C-: Biology 206L, 208L, 226L, or Environmental Science 311. Taught at the Brackenridge Field Laboratory in Austin, Texas.

• 49480	W	100 - 600P	F20 119	GILBERT, L

BIO 375 CONSERVATION BIOLOGY

Application of principles of ecology to the preservation of wild plant and animal species and to the preservation, management, and restoration of natural and seminatural ecosystems. Emphasis on scientific, biological aspects of issues such as endangered species protection, preserve design, and forest management. Prerequisite: Biology 325 or 325H with a grade of at least C-, and Biology 357, 359J, or 373 with a grade of at least C-.

• 49485	TTH	330 - 500P	JGB 2.202	SARKAR, S

BIO 177 UNDERGRADUATE RESEARCH

Hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor.

• 49490

UNDERGRADUATE RESEARCH-FRI

Additional hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative meets with BIO 377, CH 369K.

• 49495	T	400 - 500P	GDC 1.406	STOVALL, G

UNDERGRADUATE RESEARCH-FRI

Laboratory hour(s) to be arranged. Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with BIO 377, CH 369K.

• 49500	W	100 - 200P	WEL 2.140	BECKHAM, J

April 3, 2018

UNDERGRADUATE RESEARCH-FRI
May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to the students in the Freshman Research Initiative. meets with BIO 377, CH 369K.
• 49505 M 300 - 400P WEL 2.140 BAGCHI, D
• 49510 M 200 - 300P BIO 301 PALMER, G

UNDERGRADUATE RESEARCH-FRI
Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to the students in the Freshman Research Initiative. meets with BIO 377, CH 369K.
• 49515 M 100 - 200P GDC 4.302 YANG, S

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to the students in the Freshman Research Initiative.
• 49520 SANDY, M

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to the students in the Freshman Research Initiative. meets with BIO 377, CH 369K.
• 49525 MISHLER, D
• 49530 M 100 - 200P WEL 2.140 ZAMORA-OLIVARES, D

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to the students in the Freshman Research Initiative. meets with CH 369K, BIO 377, BCH 369K.
• 49535 M 300 - 400P GEA 127 MACKRELL, A

UNDERGRADUATE RESEARCH-FRI
Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to the students in the Freshman Research Initiative. meets with BIO 377.
• 49540 RIEDEL, T

BIO 277 UNDERGRADUATE RESEARCH
Hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor.
• 49545

BIO 377 UNDERGRADUATE RESEARCH
Hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor.
• 49550

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative.
• 49555 TTH 1100 - 1230P FNT 1.104 ARASAPPAN, D

UNDERGRADUATE RESEARCH-FRI
Additional hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with CH 220C, CH 369K.
• 49560 F 700 - 800P ILARDI, E

UNDERGRADUATE RESEARCH-FRI
Additional hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with CH 369K, BCH 369K, BIO 177.
• 49565 M 300 - 400P GEA 127 MACKRELL, A

UNDERGRADUATE RESEARCH-FRI
Additional hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with CH 369K, BIO 177.
• 49570 M 100 - 200P GDC 4.302 YANG, S
• 49575 M 200 - 300P BIO 301 PALMER, G

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative.
• 49580 M 100 - 200P HOLLEY, J

UNDERGRADUATE RESEARCH-FRI
Hour(s) to be arranged. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative.
• 49585 SANDY, M

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative.
• 49590 M 200 - 300P GDC 2.210 RAMSEY, M
• 49595 M 300 - 400P YELLMAN, C

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with BIO 177.
• 49600 RIEDEL, T

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with CH 455, CH 220C, CH 369K.
• 49605 M 400 - 500P WEL 2.140 METOLA, P

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with CH 369K, BIO 177.
• 49610 MISHLER, D

UNDERGRADUATE RESEARCH-FRI
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class.

May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative.
• 49615 TH 330 - 500P PAI 5.33 CAMPITELLI, B

UNDERGRADUATE RESEARCH-FRI
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative.
• 49620 W 400 - 500P PHR 2.114 GONZALEZ, A
• 49625 TH 400 - 500P MEZ 1.118 CLARK, G

UNDERGRADUATE RESEARCH-FRI
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with BIO 177, CH 369K.
• 49630 W 100 - 200P WEL 2.140 BECKHAM, J
• 49635 T 400 - 500P GDC 1.406 STOVALL, G

UNDERGRADUATE RESEARCH-FRI
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to students in the Freshman Research Initiative. meets with CH 369K, BIO 177.
• 49640 M 100 - 200P WEL 2.140 ZAMORA-OLIVARES, D
• 49645 M 300 - 400P WEL 2.140 BAGCHI, D

UNDERGRADUATE RESEARCH-FRI
Laboratory hour(s) to be arranged. Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or field research in the various fields of biological scienceunder the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Arts degree with a major in biology. Prerequisite: Biology 325 or 325H with a grade of at least C-, and written consent of instructor. Restricted to the students in the Freshman Research Initiative.
• 49650 M 100 - 200P RLM 5.116 CAMERON, S

BIO 478L COMPARATIVE VERTEBRATE ANATOMY
Study of vertebrate morphology from developmental anatomy to the function, biomechanics, and phylogenetic relationships of living and fossil taxa. Biology 478L and Kinesiology 324K, 424K may not both be counted. Prerequisite: Biology 325 or 325H with a grade of at least C-.
• 49655 MWF 900 - 1000 GDC 2.402 MCCLELLAND, B
MW 1000 - 1200 BIO 411

BIO 379H HONORS TUTORIAL COURSE
Hour(s) to be arranged. Original laboratory or field research project under the direction of a faculty mentor, leading to a thesis or research presentation for students in the honors program in biology. May be repeated for credit, but no more than six hours may be counted toward a degree in biology. Prerequisite: Consent of the student's research supervisor and the departmental honors adviser.
• 49660

BIO 679H HONORS TUTORIAL COURSE
Hour(s) to be arranged. Original laboratory or field research project under the direction of a faculty mentor, leading to a thesis or research presentation for students in the honors program in biology. May be repeated for credit, but no more than six hours may be counted toward a degree in biology. Prerequisite: Consent of the student's research supervisor and the departmental honors adviser.
• 49665

BIO 381K CELL & MOL BASES OF NEUR DEV
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser; additional prerequisites vary with the topic. meets with BIO 367C.
• 49670 TTH 930 - 1100 GDC 2.410 AGARWALA, S

BIO 381P ADVANCED PLANT PHYSIOLOGY
General principles of mineral nutrition, water relations, metabolic activities, growth and development of green plants. Biology 381P and 389 (Topic 12) may not both be counted. meets with BIO 328.
• 49675 TTH 200 - 330P WEL 2.140 CLARK, G

BIO 182 ADVANCED STUDY AND RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 49680

BIO 282 ADVANCED STUDY AND RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 49685

BIO 382 ADVANCED STUDY AND RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 49690

BIO 682 ADVANCED STUDY AND RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 49695

BIO 982 ADVANCED STUDY AND RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 49700

BIO 384K 36-RECENT ADVCS IN EVOLUTION
Course number may be repeated for credit when the topics vary. Basic concepts and methods of laboratory and field analysis in various fields of biology; systematics and ecology of natural populations. Examines recent and classic research and primary literature concerning general subjects within evolutionary biology. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser; additional prerequisites vary with the topic. Additional prerequisite: Undergraduate upper-division evolution course (Biology 370 or similar course).
• 49705 TTH 1100 - 1230P LINDER, C
F 900 - 1000

39-PHYLOGENETIC PRSPCTVS EEB
Course number may be repeated for credit when the topics vary. Basic concepts and methods of laboratory and field analysis in various fields of biology; systematics and ecology of natural populations. Theory, methods, and applications of phylogenetics in ecology, evolution, and behavior. The development of phylogenetics; the various phylogenetic optimality criteria and their advantages and disadvantages (include non-parametric, semi-parametric, and parametric methods); models of evolution for molecular and morphological data; algorithms andheuristics for searching solution space, including discussion of Bayesian Markov chain Monte Carlo approaches; phylogenetic simulation; statistical assessment of phylogenetic results; molecular clocks; and major applications of phylogenetics. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser; additional prerequisites vary with the topic.
• 49710 W 1000 - 100P NMS 3.106 HILLIS, D

45-SEMNRS IN BRAIN BEHAV/EVOL
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Basic concepts and methods of laboratory and field analysis in various fields of biology; systematics and ecology of natural populations. Explores how to give a seminar and/or writing a grant proposal. Preparation for job talks, paper presentations, or writing grants. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser; additional prerequisites vary with the topic.
• 49715 F 1200 - 100P PHELPS, S

BIO 384L ISSUES IN POPULATION BIOLOGY
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis at an advanced level of currently active areas of research in population biology. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 49720 TH 200 - 300P NHB 1.720 MEYERS, L

BIO 388M PLANT MOLECULAR BIOLOGY
Fundamentals of plant molecular biology, including structure and expression of the chloroplast and mitochondrial genomes. Biology 350M and 388M may not both be counted. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser. meets with BIO 350M.
• 49725 TTH 330 - 500P BUR 134 HERRIN, D

BIO 389D SUBJ/SKILLS GRAD STDNTS IN BIO
Designed for first-year graduate students in ecology, evolution, and behavior. Provides training in many of the skills required of research scientists. Introduction to the writing, presentation and appraisal skills needed to excel in all fields of biological research. Biology 384C and 389D may not both be counted. Prerequisite: Graduate standing, and consent of instructor and graduate adviser.
• 49730 W 900 - 1200 NMS 1.120 MUELLER, U

BIO 390E FUNDAMENTALS OF ECOLOGY
Fundamentals of ecology, ranging from organism physiology to population,species, community, and ecosystem-level processes across landscapes and biomes. Prerequisite: Graduate standing and consent of instructor.
• 49735 KEITT, T

BIO 391 GRANT WRITING & PRES SKILLS
Offered on the letter-grade basis only. Preparation of a detailed proposal of the dissertation research goals of each student with a presentation in the form of a short talk. Emphasis on critical evaluation of research aims, methodology, and communication skills. Designed for second-year doctoral students in biology. Biology 391 and 394 (Topic: Grant Writing and Presentation Skills) may not both be counted. Restricted to second-year graduate students in the microbiology and cell and microbiology programs. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 49740 M 200 - 500P NMS 1.120 PAULL, T
• 49745 M 300 - 600P NMS 5.106 JOHNSON, A

March 5, 2018

course	unique	days	time	room	instructor

BIO 391P ADVANCED VIROLOGY
Replication of and transformation by DNA and RNA animal viruses. Prerequisite: Graduate standing, consent of instructor and the graduate adviser, and Biology 330. meets with BIO 330.
• 49750 TTH 1230 - 200P BUR 220 SULLIVAN, C

BIO 394M BACTRL BEHAV & SIGNALING MECHS
Course number may be repeated for credit when the topics vary. In-depth study of microbiology topics. Students read original research papers in addition to text assignments. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser; additional prerequisites vary with the topic. meets with BIO 339M.
• 49755 TTH 930 - 1100 ECJ 1.314 HARSHEY, R

TUMOR BIOLOGY
Course number may be repeated for credit when the topics vary. In-depth study of microbiology topics. Students read original research papers in addition to text assignments. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser; additional prerequisites vary with the topic. Topic description: Covers core aspects of cancer pathology, treatment, epidemiology, the discovery of oncogenes and tumor suppressors, and the molecular genetics underlying the characteristic features of malignant tu mors (including metastatic behavior, genomic instability, angiogenesis, cell cycle regulation, and apoptosis). Strong emphasis on the biochemical functions of cancer-related proteins and enzymes and therapeutic appro aches based on our understanding of these proteins. Important experimental approaches that have influenced our current understanding of cancer will also be stressed. meets with BIO 336.
• 49760 MWF 1000 - 1100 BUR 136 HUIBREGTSE, J

1-ADVANCED IMMUNOLOGY
Course number may be repeated for credit when the topics vary. In-depth study of microbiology topics. Students read original research papers in addition to text assignments. Studies in cell signaling in the immune system, transgenic and knockout gene analysis, T and B cell selection and maturation, and development of the immune system. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser; additional prerequisites vary with the topic. meets with BIO 360K.
• 49765 MW 200 - 330P BUR 112 EHRLICH, L

BIO 395 PLANT BIO: LAB STDS IN MOL BIO
Additional hour(s) to be arranged. Laboratory experience in modern molecular biology, including cloning using recombinant DNA methods, organelle isolation, purification of eukaryotic DNA and RNA, blot hybridization and transformation. Prerequisite: Graduate standing; consent of instructor and the graduate adviser; and one of the following courses: Biology 320, 325, 328, 344, Chemistry 339L. meets with BIO 331L.
• 49770 W 1100 - 1200 GDC 2.402 MEHDY, M
W 100 - 600P PAI 1.30

BIO 395G STRUC/FUNCT OF PROTEINS/MEMB
Detailed consideration of the structure and function of proteins, with discussion of enzyme mechanisms and kinetics, the biochemistry of energyproduction, and the metabolism of lipids and nucleotides. Only one of the following may be counted: Biochemistry 395G, Biology 395G, Chemistry 395G, Molecular Biology 395G. Prerequisite: Graduate standing; a one-year undergraduate sequence in biochemistry, such as Chemistry 339K and 339L, is strongly recommended. same as BCH 395G, MOL 395G.
• 49775 TTH 800 - 930 WEL 2.140 ELLINGTON, A

BIO 395J GENES/GENOMES/GENE EXPRESSN
Detailed consideration of prokaryotic and eukaryotic mechanisms of DNA replication and transcription; posttranscriptional processing of transcription products; and mechanism and regulation of the translation of messenger RNAs. Only one of the following may be counted: Biochemistry 395J, Biology 395J, Chemistry 395J, Molecular Biology 395J. Prerequisite: Graduate standing; and Biology 395F and 395G, or Chemistry 395F and 395G, or Molecular Biology 395F and 395G, or consent of instructor. same as BCH 395J, MOL 395J.
• 49780 TTH 930 - 1100 MBB 1.210 RUSSELL, R

BIO 396R MICROBIOLOGY RESEARCH SEMINAR
Additional hour(s) to be arranged. Students present their research findings and receive feedback from faculty and peers. Designed to help students refine their presentation techniques, practice giving critical feedback, and gain familiarity with a wide variety of research topics. Prerequisite: Graduate standing.
• 49785 W 1230 - 300P NMS 1.120 STEVENS, S

BIO 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. For 698A, graduate standing in the School of Biological Sciences and consent of the graduate adviser; for 698B, Biology 698A or the equivalent.
• 49790

BIO 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. For 698A, graduate standing in the School of Biological Sciences and consent of the graduate adviser; for 698B, Biology 698A or the equivalent.
• 49795

BIO 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in the School of Biological Sciences andconsent of the graduate adviser.
• 49800

BIO 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 49805

BIO 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 49810

BIO 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 49815

BIO 399W DISSERTATION
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Biology 399R, 699R, 999R, or the equivalent.
• 49820

BIO 699W DISSERTATION
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Biology 399R, 699R, 999R, or the equivalent.
• 49825

BIO 999W DISSERTATION
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Biology 399R, 699R, 999R, or the equivalent.
• 49830

DEPARTMENT OF CHEMISTRY

Chemistry - CH

CH 301 PRINCIPLES OF CHEMISTRY I
Designed to accommodate 100 or more students. Only one of the following may be counted: Chemistry 301, 301H, 304K. Prerequisite: An appropriate score on the Department of Chemistry placement examination.
• 49885 TTH 930 - 1100 BUR 106
• 49890 MWF 1000 - 1100 BUR 106
• 49895 MWF 1100 - 1200 BUR 106
• 49900 TTH 1100 - 1230P BUR 106
• 49905 MWF 1200 - 100P BUR 106
• 49910 TTH 1230 - 200P BUR 106
• 49915 MWF 100 - 200P JES A121A
• 49920 TTH 200 - 330P BUR 106 LAUDE, D

PRINCIPLES OF CHEMISTRY I
Only one of the following may be counted: Chemistry 301, 301H, 304K. Prerequisite: An appropriate score on the Department of Chemistry placement examination. Restricted to students in the Texas Interdisciplinary Plan and Discovery Scholars programs. Mandatory exams 7pm-9pm Thursdays, September 20, October 11, November 8, and December 6.
• 49925 MWF 1100 - 1200 WEL 2.122 FAKHREDDINE, F
F 900 - 1000 CBA 4.344
• 49930 MWF 1100 - 1200 WEL 2.122 FAKHREDDINE, F
W 1200 - 100P WEL 4.132B
• 49935 MWF 1100 - 1200 WEL 2.122 FAKHREDDINE, F
W 300 - 400P PAI 4.28
• 49940 MWF 1100 - 1200 WEL 2.122 FAKHREDDINE, F
TH 300 - 400P SZB 286
• 49945 MWF 1100 - 1200 WEL 2.122 FAKHREDDINE, F
TH 400 - 500P PAR 101
• 49950 MWF 200 - 300P WEL 2.122 FAKHREDDINE, F
TH 830 - 930 GAR 0.132
• 49955 MWF 200 - 300P WEL 2.122 FAKHREDDINE, F
TH 930 - 1030 JES A217A
• 49960 MWF 200 - 300P WEL 2.122 FAKHREDDINE, F
TH 1100 - 1200 JES A209A
• 49965 MWF 200 - 300P WEL 2.122 FAKHREDDINE, F
F 100 - 200P PAI 4.28
• 49970 MWF 200 - 300P WEL 2.122 FAKHREDDINE, F
TH 200 - 300P WEL 4.132B

PRINCIPLES OF CHEMISTRY I
Only one of the following may be counted: Chemistry 301, 301H, 304K. Prerequisite: An appropriate score on the Department of Chemistry placement examination. Restricted to students in the Texas Interdisciplinary Plan and Discovery Scholars programs. Mandatory exams 7pm-9pm Thursdays, September 20, October 18, November 8, and December 6.
• 49975 MWF 1000 - 1100 WEL 2.122 WALKER, D
T 1100 - 1200 SZB 278
• 49980 MWF 1000 - 1100 WEL 2.122 WALKER, D
T 100 - 200P GDC 4.302
• 49985 MWF 1000 - 1100 WEL 2.122 WALKER, D
TH 100 - 200P GDC 4.308
• 49990 MWF 1200 - 100P WEL 2.122 WALKER, D
TH 1100 - 1200 SZB 278

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course	unique	days	time	room	instructor
	• 49995	MWF	1200 - 100P	WEL 2.122	WALKER, D
		M	100 - 200P	ECJ 1.314	
	• 50000	MWF	1200 - 100P	WEL 2.122	WALKER, D
		W	100 - 200P	JGB 2.202	

PRINCIPLES OF CHEMISTRY I

Designed to accommodate 100 or more students. Only one of the following may be counted: Chemistry 301, 301H, 304K. Prerequisite: An appropriate score on the Department of Chemistry placement examination.

	• 50004	TTH	800 - 930	JES A121A	

CH 301H PRINCIPLES OF CHEM I: HONORS

Restricted enrollment; contact the department for permission to register for this class. Only one of the following may be counted: Chemistry 301, 301H, 304K. Prerequisite: Credit with a grade of at least C- or registration for oneof the following: Mathematics 408C, 408D, 408K, 308L, 408L, 408M, 408N, 408R, 408S.

	• 50005	TTH	1100 - 1230P	UTC 4.122	CAMPION, A

CH 302 PRINCIPLES OF CHEMISTRY II

Designed to accommodate 100 or more students. Development and application of concepts, theories, and laws underlying chemistry. Only one of the following may be counted: Chemistry 302, 302H, 305. Prerequisite: Chemistry 301 or 301H with a grade of at least C-.

	• 50010	TTH	1230 - 200P	JES A121A	SUTCLIFFE, S

PRINCIPLES OF CHEMISTRY II

Development and application of concepts, theories, and laws underlying chemistry. Only one of the following may be counted: Chemistry 302, 302H, 305. Prerequisite: Chemistry 301 or 301H with a grade of at least C-.

	• 50015	MWF	200 - 300P	BUR 106	SUTCLIFFE, S

CH 204 INTRO TO CHEMICAL PRACTICE

Additional hour(s) to be arranged. Introduction to the techniques of modern experimental chemistry. Designed to provide basic laboratory and analytical skills. May include organic, analytical, and physical chemistry, as well as materials science. Only one of the following may be counted: Chemistry 204, 317, or 104M and 104N. Prerequisite: Credit with a grade of at least C- or registration for Chemistry 302 or 302H.

	• 50020	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	900 - 100P	WEL 5.130	
	• 50025	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	900 - 100P	WEL 5.132	
	• 50030	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	900 - 100P	WEL 5.134	
	• 50035	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	900 - 100P	WEL 5.136	
	• 50040	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	900 - 100P	WEL 5.146	
	• 50045	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	100 - 500P	WEL 5.130	
	• 50050	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	100 - 500P	WEL 5.132	
	• 50055	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	100 - 500P	WEL 5.134	
	• 50060	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	100 - 500P	WEL 5.136	
	• 50065	M	800 - 900	GSB 2.124	BARANOVA, Z
		M	100 - 500P	WEL 5.146	
	• 50070	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	900 - 100P	WEL 5.130	
	• 50075	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	900 - 100P	WEL 5.132	
	• 50080	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	900 - 100P	WEL 5.134	
	• 50085	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	900 - 100P	WEL 5.136	
	• 50090	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	900 - 100P	WEL 5.146	
	• 50095	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	100 - 500P	WEL 5.130	
	• 50100	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	100 - 500P	WEL 5.132	
	• 50105	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	100 - 500P	WEL 5.134	
	• 50110	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	100 - 500P	WEL 5.136	
	• 50115	T	800 - 900	GSB 2.124	BARANOVA, Z
		T	100 - 500P	WEL 5.146	
	• 50120	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	900 - 100P	WEL 5.130	
	• 50125	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	900 - 100P	WEL 5.132	
	• 50130	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	900 - 100P	WEL 5.134	
	• 50135	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	900 - 100P	WEL 5.136	
	• 50140	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	900 - 100P	WEL 5.146	
	• 50145	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	100 - 500P	WEL 5.130	
	• 50150	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	100 - 500P	WEL 5.132	
	• 50155	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	100 - 500P	WEL 5.134	
	• 50160	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	100 - 500P	WEL 5.136	
	• 50165	W	800 - 900	GSB 2.124	BARANOVA, Z
		W	100 - 500P	WEL 5.146	
	• 50170	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	900 - 100P	WEL 5.130	
	• 50175	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	900 - 100P	WEL 5.132	
	• 50180	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	900 - 100P	WEL 5.134	
	• 50185	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	900 - 100P	WEL 5.136	
	• 50190	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	900 - 100P	WEL 5.146	
	• 50195	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	100 - 500P	WEL 5.130	
	• 50200	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	100 - 500P	WEL 5.132	
	• 50205	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	100 - 500P	WEL 5.134	
	• 50210	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	100 - 500P	WEL 5.136	
	• 50215	TH	800 - 900	GSB 2.124	BARANOVA, Z
		TH	100 - 500P	WEL 5.146	
	• 50220	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	900 - 100P	WEL 5.130	
	• 50225	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	900 - 100P	WEL 5.132	
	• 50230	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	900 - 100P	WEL 5.134	
	• 50235	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	900 - 100P	WEL 5.136	
	• 50240	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	900 - 100P	WEL 5.146	
	• 50245	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	100 - 500P	WEL 5.130	
	• 50250	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	100 - 500P	WEL 5.132	
	• 50255	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	100 - 500P	WEL 5.134	
	• 50260	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	100 - 500P	WEL 5.136	
	• 50265	F	800 - 900	GSB 2.124	BARANOVA, Z
		F	100 - 500P	WEL 5.146	

CH 304K CHEMISTRY IN CONTEXT I

Chemistry 304K and 305 form a two-semester sequence designed to fulfill the science requirement for students not majoring in science or engineering. Issues of contemporary interest and importance, such as ozone depletion and global warming, motivate the discussion; the underlying chemistry is developed as needed. Social, political, economic, and ethical implications of scientific developments and science policy are considered. Chemistry 304K addresses the nature of matter, energy, chemical reactions, and chemical thermodynamics. Not intended as preparation for Chemistry 301. May not be counted toward a degree in the College of Natural Sciences. Only one of the following may be counted: Chemistry 301, 301H, 304K. Designed for nonscience majors.

	• 50270	TTH	930 - 1100	UTC 2.112A	

CH 305 CHEMISTRY IN CONTEXT II

Chemistry 304K and 305 form a two-semester sequence designed to fulfill the science requirement for students not majoring in science or engineering. Chemistry 305 addresses water chemistry, acids and bases, elementary organic chemistry, polymers, pharmaceuticals, nutrition, and genetics. May not be counted toward a degree in the College of Natural Sciences. Only one of the following may be counted: Chemistry 302, 302H, 305. Designed for nonscience majors. Prerequisite: Chemistry 301 or 304K.

	• 50275	MWF	200 - 300P	WCH 1.120	

CH 206K UNDERGRADUATE RESEARCH

Hour(s) to be arranged. May be repeated for credit. Introduction to research practices; supervised individual undergraduate research in chemistry. May be repeated for credit, but no more than four semester hours may be counted toward a degree in chemistry. Hours beyond four must be taken on the pass/fail basis. Prerequisite: Consent of the undergraduate adviser in chemistry.

	• 50280				

CH 207K INTRO SCI OUTREACH IN ELEM SCH

Hour(s) to be arranged. Developing and presenting level-appropriate science laboratories to students in local elementary schools. A hands-on, discovery learning approach to science is emphasized. May be counted as an elective only.

	• 50285				MILLER, M

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course	unique	days	time	room	instructor

CH 108 CONFERENCE COURSE

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. May not be counted toward a major or minor in chemistry. Restricted to students in the Texas Interdisciplinary Plan.

• 50290	M	300 - 400P	WCH 1.120	FAKHREDDINE, F

INTENSIVE CHEMISTRY SEMINAR

Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. May not be counted toward a major or minor in chemistry.

• 50295	MW	500 - 630P	CBA 4.324	CAMPION, A
• 50300	MW	500 - 630P	CBA 4.344	CAMPION, A

CH 317 DESCRIPT INORG CHEM

Synthesis and properties of inorganic, bioinorganic, and organometallic compounds. Only one of the following may be counted: Chemistry 204, 317, or 104M and 104N. Prerequisite: Credit with a grade of at least C- or registration for Chemistry 302 or 302H.

• 50305	M	1000 - 1100	GEA 114	JONES, R
	MW	100 - 400P	WEL 5.148	
• 50310	M	1000 - 1100	GEA 114	JONES, R
	MW	500 - 800P	WEL 5.148	

CH 220C ORGANIC CHEM LABORATORY-FRI

Laboratory hour(s) to be arranged. Only one of the following may be counted: Chemistry 110L, 220C, 128L. Prerequisite: Credit with a grade of at least C- or registration for Chemistry 320N; and the following coursework with a grade of at least C-in each: Chemistry 204, 317, or 104M and 104N; and 320M or 328M. Restricted to students in the Freshman Research Initiative. meets with CH 455, BIO 377, CH 369K.

• 50315	M	400 - 500P	WEL 2.140	METOLA, P

ORGANIC CHEM LABORATORY-FRI

Additional hour(s) to be arranged. Only one of the following may be counted: Chemistry 110L, 220C, 128L. Prerequisite: Credit with a grade of at least C- or registration for Chemistry 320N; and the following coursework with a grade of at least C-in each: Chemistry 204, 317, or 104M and 104N; and 320M or 328M. Restricted to students in the Freshman Research Initiative. meets with BIO 377, CH 369K.

• 50320	F	700 - 800P		ILARDI, E

ORGANIC CHEMISTRY LABORATORY

Additional hour(s) to be arranged. Only one of the following may be counted: Chemistry 110L, 220C, 128L. Prerequisite: Credit with a grade of at least C- or registration for Chemistry 320N; and the following coursework with a grade of at least C-in each: Chemistry 204, 317, or 104M and 104N; and 320M or 328M.

• 50325	M	500 - 600P	GEA 105	FJETLAND, C
	W	200 - 600P	NHB 1.102	
• 50330	M	500 - 600P	GEA 105	FJETLAND, C
	W	200 - 600P	NHB 1.116	
• 50335	M	500 - 600P	GEA 105	FJETLAND, C
	W	200 - 600P	NHB 1.118	
• 50340	M	500 - 600P	GEA 105	FJETLAND, C
	W	200 - 600P	NHB 1.124	
• 50345	M	500 - 600P	GEA 105	FJETLAND, C
	W	200 - 600P	NHB 1.126	
• 50350	M	500 - 600P	GEA 105	FJETLAND, C
	W	630 - 1030P	NHB 1.102	
• 50355	M	500 - 600P	GEA 105	FJETLAND, C
	W	630 - 1030P	NHB 1.116	
• 50360	M	500 - 600P	GEA 105	FJETLAND, C
	W	630 - 1030P	NHB 1.118	
• 50365	M	500 - 600P	GEA 105	FJETLAND, C
	W	630 - 1030P	NHB 1.124	
• 50370	M	500 - 600P	GEA 105	FJETLAND, C
	W	630 - 1030P	NHB 1.126	
• 50375	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	800 - 1200	NHB 1.102	
• 50380	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	800 - 1200	NHB 1.116	
• 50385	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	800 - 1200	NHB 1.118	
• 50390	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	800 - 1200	NHB 1.124	
• 50395	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	200 - 600P	NHB 1.102	
• 50400	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	200 - 600P	NHB 1.116	
• 50405	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	200 - 600P	NHB 1.118	
• 50410	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	200 - 600P	NHB 1.124	
• 50415	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	200 - 600P	NHB 1.126	
• 50420	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	630 - 1030P	NHB 1.102	
• 50425	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	630 - 1030P	NHB 1.116	
• 50430	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	630 - 1030P	NHB 1.118	
• 50435	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	630 - 1030P	NHB 1.124	
• 50440	TH	500 - 600P	JGB 2.324	FJETLAND, C
	T	630 - 1030P	NHB 1.126	

CH 320M ORGANIC CHEMISTRY I

Primarily for premedical, predental, life sciences, and pharmacy majors.Development of organic chemical structure, nomenclature, and reactivity. Chemistry 320M and 328M may not both be counted. Prerequisite: Chemistry 302 or 302H with a grade of at least C-. Mandatory exams 7pm-9pm Thursdays, September 27, October 25, and November 15. meets with CH 328M.

• 50445	TTH	930 - 1100	JES A121A	SESSLER, J
• 50450	MWF	100 - 200P	BUR 106	IVERSON, B

ORGANIC CHEMISTRY I

Primarily for premedical, predental, life sciences, and pharmacy majors.Development of organic chemical structure, nomenclature, and reactivity. Chemistry 320M and 328M may not both be counted. Prerequisite: Chemistry 302 or 302H with a grade of at least C-. Mandatory exams 7pm-9pm Tuesdays, September 25, October 23, and November 13. meets with CH 328M.

• 50455	TTH	800 - 930	BUR 106	COLAPRET, J

ORGANIC CHEMISTRY I

Primarily for premedical, predental, life sciences, and pharmacy majors.Development of organic chemical structure, nomenclature, and reactivity. Chemistry 320M and 328M may not both be counted. Prerequisite: Chemistry 302 or 302H with a grade of at least C-. Mandatory exams 7pm-9pm Wednesdays, September 26, October 24, and November 14. meets with CH 328M.

• 50460	MWF	1000 - 1100	SAC 1.402	SHABBIR, S
• 50465	MWF	1200 - 100P	JES A121A	SHABBIR, S

CH 320N ORGANIC CHEMISTRY II

Primarily for premedical, predental, life sciences, and pharmacy majors.The development of organic chemical functional group reactivity, reaction mechanics, with analogous aqueous transformations in biochemical settings. Chemistry 320N and 328N may not both be counted. Prerequisite: The following coursework with a grade of at least C-: Chemistry 320M, or 328M. Mandatory exams 7pm-9pm Tuesdays, September 25, October 23, and November 13.

• 50470	MWF	900 - 1000	BUR 106	DRAGNA, J

CH 128K ORGANIC CHEMISTRY LABORATORY

May not be counted by students with credit for Chemistry 220C. Only one of the following may be counted: Chemistry 110K or 128K. Prerequisite: Credit with a grade of at least C- or registration for Chemistry 328M; and the following coursework with a grade of at least C-in each: Chemistry 302 or 302H; and 204, 317, or 104M and 104N. Restricted to chemistry majors and Cockrell School of Engineering majors.

• 50475	M	200 - 300P	CAL 100	FJETLAND, C
	M	300 - 600P	NHB 1.102	
• 50480	M	200 - 300P	CAL 100	FJETLAND, C
	M	300 - 600P	NHB 1.116	
• 50485	M	200 - 300P	CAL 100	FJETLAND, C
	M	300 - 600P	NHB 1.118	
• 50490	M	200 - 300P	CAL 100	FJETLAND, C
	M	300 - 600P	NHB 1.124	
• 50495	M	200 - 300P	CAL 100	FJETLAND, C
	M	300 - 600P	NHB 1.126	
• 50500	M	200 - 300P	CAL 100	FJETLAND, C
	M	630 - 930P	NHB 1.102	
• 50505	M	200 - 300P	CAL 100	FJETLAND, C
	M	630 - 930P	NHB 1.116	
• 50510	M	200 - 300P	CAL 100	FJETLAND, C
	M	630 - 930P	NHB 1.118	
• 50515	M	200 - 300P	CAL 100	FJETLAND, C
	M	630 - 930P	NHB 1.124	
• 50520	M	200 - 300P	CAL 100	FJETLAND, C
	M	630 - 930P	NHB 1.126	
• 50525	TH	200 - 300P	CPE 2.212	FJETLAND, C
	TH	300 - 600P	NHB 1.102	
• 50530	TH	200 - 300P	CPE 2.212	FJETLAND, C
	TH	300 - 600P	NHB 1.116	
• 50535	TH	200 - 300P	CPE 2.212	FJETLAND, C
	TH	300 - 600P	NHB 1.118	
• 50540	TH	200 - 300P	CPE 2.212	FJETLAND, C
	TH	300 - 600P	NHB 1.124	

CH 128L ORGANIC CHEMISTRY LABORATORY

May not be counted by students with credit for Chemistry 210C or 220C. Only one of the following may be counted: Chemistry 110L, 118L, 128L. Prerequisite: Credit or registration for Chemistry 318N or 328N; and the following coursework with a grade of at least C- in each: Chemistry 118K or 128K; and 318M or 328M. Restricted to chemistry majors and Cockrell School of Engineering majors.

• 50545	TH	630 - 730P	ECJ 1.204	FJETLAND, C
	TH	730 - 1030P	NHB 1.102	
• 50550	TH	630 - 730P	ECJ 1.204	FJETLAND, C
	TH	730 - 1030P	NHB 1.116	
• 50555	TH	630 - 730P	ECJ 1.204	FJETLAND, C
	TH	730 - 1030P	NHB 1.118	
• 50560	TH	630 - 730P	ECJ 1.204	FJETLAND, C
	TH	730 - 1030P	NHB 1.124	

CH 328M ORGANIC CHEMISTRY I-CH MAJ

Primarily for chemistry and chemical engineering majors. The developmentof organic chemical structure, nomenclature, and reactivity. Chemistry 320M and 328M may not

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both be counted. Prerequisite: The following coursework with a grade of at least C-: Chemistry 302 or 302H; and 204, 317, or 104M and 104N. Restricted to chemistry majors. Mandatory exams 7pm-9pm Wednesdays, September 26, October 24, and November 14.

• 50565	TTH	930 - 1100	BUR 130	KRISCHE, M

ORGANIC CHEMISTRY I-ENGR MAJS

Primarily for chemistry and chemical engineering majors. The developmentof organic chemical structure, nomenclature, and reactivity. Chemistry 320M and 328M may not both be counted. Prerequisite: The following coursework with a grade of at least C-: Chemistry 302 or 302H; and 204, 317, or 104M and 104N. Restricted to Cockrell School of Engineering majors. Mandatory exams 7pm-9pm Thursdays, September 27, October 25, and November 15. meets with CH 320M.

• 50570	TTH	930 - 1100	JES A121A	SESSLER, J
• 50575	MWF	100 - 200P	BUR 106	IVERSON, B

ORGANIC CHEMISTRY I-ENGR MAJS

Restricted enrollment; contact the department for permission to register for this class. Primarily for chemistry and chemical engineering majors. The developmentof organic chemical structure, nomenclature, and reactivity. Chemistry 320M and 328M may not both be counted. Prerequisite: The following coursework with a grade of at least C-: Chemistry 302 or 302H; and 204, 317, or 104M and 104N. Restricted to Cockrell School of Engineering majors. Mandatory exams 7pm-9pm Tuesdays, September 25, October 23, and November 13. meets with CH 320M.

• 50580	TTH	800 - 930	BUR 106	COLAPRET, J

ORGANIC CHEMISTRY I-ENGR MAJS

Primarily for chemistry and chemical engineering majors. The developmentof organic chemical structure, nomenclature, and reactivity. Chemistry 320M and 328M may not both be counted. Prerequisite: The following coursework with a grade of at least C-: Chemistry 302 or 302H; and 204, 317, or 104M and 104N. Restricted to Cockrell School of Engineering majors. Mandatory exams 7pm-9pm Wednesdays, September 26, October 24, and November 14. meets with CH 320M.

• 50585	MWF	1000 - 1100	SAC 1.402	SHABBIR, S
• 50590	MWF	1200 - 100P	JES A121A	SHABBIR, S

CH 328N ORGANIC CHEMISTRY II

Primarily for chemistry and chemical engineering majors. The developmentof organic chemical reactivity, with an emphasis on synthesis and polymers. Chemistry 320N and 328N may not both be counted. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 328M and 128K. Restricted to chemistry majors and Cockrell School of Engineering majors. Mandatory exams 7pm-9pm Tuesdays, September 25, October 23, and November 13.

• 50595	MWF	1100 - 1200	WRW 102	COLAPRET, J

CH 431 INORGANIC CHEMISTRY

Survey of the chemistry of the elements, incorporating both descriptive and theoretical aspects. Open-ended experiments designed to illustrate avariety of synthetic techniques. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 302 or 302H; Chemistry 204, 317, or 104M and 104N; and Chemistry 320M or 328M.

• 50600	TTH	1100 - 1230P	WEL 2.122	QUE, E
	W	900 - 1200	WEL 5.140	
• 50605	TTH	1100 - 1230P	WEL 2.122	QUE, E
	F	100 - 400P	WEL 5.140	
• 50610	TTH	1100 - 1230P	WEL 2.122	QUE, E
	M	200 - 500P	WEL 5.140	
• 50615	TTH	1100 - 1230P	WEL 2.122	QUE, E
	T	200 - 500P	WEL 5.140	
• 50620	TTH	1100 - 1230P	WEL 2.122	QUE, E
	W	200 - 500P	WEL 5.140	
• 50625	TTH	1100 - 1230P	WEL 2.122	QUE, E
	TH	200 - 500P	WEL 5.140	
• 50630	TTH	1100 - 1230P	WEL 2.122	QUE, E
	M	600 - 900P	WEL 5.140	
• 50635	TTH	1100 - 1230P	WEL 2.122	QUE, E
	T	600 - 900P	WEL 5.140	
• 50640	TTH	1100 - 1230P	WEL 2.122	QUE, E
	TH	600 - 900P	WEL 5.140	

CH 341 LAB TECHS IN ORGANIC CHEMISTRY

Course number may be repeated for credit when the topics vary. Examples of topics are physical measurements techniques; electronics for scientists; advanced synthetic chemistry (organic or inorganic); separation techniques. Prerequisite: Eight semester hours of coursework in organic chemistry and consent of the undergraduate adviser.

• 50645	W	1000 - 1100	GDC 2.402	MARTIN, S
	TTH	200 - 600P	NHB 1.106	

CH 353 PHYSICAL CHEMISTRY I

Equations of state, laws of thermodynamics, ideal and nonideal solutions, phase equilibria, thermodynamics of chemical reactions. Chemistry 353 and 353M may not both be counted. For chemistry and chemical engineering majors. Prerequisite: Mathematics 408C and 408D, or two of the following: Mathematics 408K, 408L, 408M, 408N, 408S; Chemistry 302 or 302H with a grade of at least C-; and Physics 316 and 116L, 303L and 103N, or 317L and 117N. Restricted to chemistry majors.

• 50650	TTH	1230 - 200P	BUR 212	CAMPION, A

PHYSICAL CHEMISTRY I

Equations of state, laws of thermodynamics, ideal and nonideal solutions, phase equilibria, thermodynamics of chemical reactions. Chemistry 353 and 353M may not both be counted. For chemistry and chemical engineering majors. Prerequisite: Mathematics 408C and 408D, or two of the following: Mathematics 408K, 408L, 408M, 408N, 408S; Chemistry 302 or 302H with a grade of at least C-; and Physics 316 and 116L, 303L and 103N, or 317L and 117N. Restricted to Cockrell School of Engineering majors.

• 50655	TTH	930 - 1100	WEL 2.122	WEBB, L

CH 153K PHYSICAL CHEMISTRY LABORATORY

Designed to accommodate 35 or fewer students. Prerequisite: Chemistry 353 or 353M with a grade of at least C-.

• 50660	W	900 - 1200	WEL 4.138	WORDEN, M
• 50665	T	930 - 1230P	WEL 4.138	WORDEN, M
• 50670	TH	930 - 1230P	WEL 4.138	WORDEN, M
• 50675	T	200 - 500P	WEL 4.138	WORDEN, M
• 50680	W	200 - 500P	WEL 4.138	WORDEN, M
• 50685	TH	200 - 500P	WEL 4.138	WORDEN, M
• 50690	T	600 - 900P	WEL 4.138	WORDEN, M
• 50695	W	600 - 900P	WEL 4.138	WORDEN, M
• 50700	TH	600 - 900P	WEL 4.138	WORDEN, M

CH 353M PHYS CHEM I FOR LIFE SCIENCES

Thermochemistry and kinetics of reactions in cells, enzyme catalysis, electrical and transport properties of membranes. Chemistry 353 and 353M may not both be counted. For biochemistry and biology majors. Prerequisite: Mathematics 408C and 408D, or two of the following: Mathematics 408K, 408L, 408M, 408N, 408S; Chemistry 302 or 302H with a grade of at least C-; and Physics 316 and 116L, 303L and 103N, or 317L and 117N.

• 50705	TTH	200 - 330P	WEL 2.122	BAIZ, C

CH 154K PHYSICAL CHEMISTRY LABORATORY

Designed to accommodate 35 or fewer students. Prerequisite: Chemistry 153K, and 353 or 353M with a grade of at least C-; and credit or registration for Chemistry 354 or 354L.

• 50710	T	200 - 500P	WEL 4.140	WORDEN, M
• 50715	W	200 - 500P	WEL 4.140	WORDEN, M
• 50720	TH	200 - 500P	WEL 4.140	WORDEN, M

CH 455 FUNDMNTLS OF ANALYTICAL CHEM

Chemical and instrumental methods in analytical chemistry. Chemistry 455 and 456 may not both be counted. For biochemistry, engineering, and clinical laboratory science majors. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 302 or 302H; and Chemistry 204, 317, or 104M and 104N.

• 50730	TTH	1230 - 200P	BUR 208	CROOKS, R
	T	930 - 1230P	WEL 4.110	
• 50735	TTH	1230 - 200P	BUR 208	CROOKS, R
	TH	930 - 1230P	WEL 4.110	
• 50740	TTH	1230 - 200P	BUR 208	CROOKS, R
	M	200 - 500P	WEL 4.110	
• 50745	TTH	1230 - 200P	BUR 208	CROOKS, R
	T	200 - 500P	WEL 4.110	
• 50750	TTH	1230 - 200P	BUR 208	CROOKS, R
	W	200 - 500P	WEL 4.110	
• 50755	TTH	1230 - 200P	BUR 208	CROOKS, R
	T	600 - 900P	WEL 4.110	

FUNDMTL ANLYTCL CHEM-FRI

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Chemical and instrumental methods in analytical chemistry. Chemistry 455 and 456 may not both be counted. For biochemistry, engineering, and clinical laboratory science majors. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 302 or 302H; and Chemistry 204, 317, or 104M and 104N. Restricted to students in the Freshman Research Initiative. meets with CH 220C, BIO 377, CH 369K.

• 50760	M	400 - 500P	WEL 2.140	METOLA, P

CH 456 ANALYTICAL CHEMISTRY

Chemistry 455 and 456 may not both be counted. For chemistry majors. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 302 or 302H; and Chemistry 204, 317, or 104M and 104N.

• 50765	MW	1230 - 200P	BUR 220	SCHIAVINATO EBERLI
	T	930 - 1230P	WEL 4.124	
• 50770	MW	1230 - 200P	BUR 220	SCHIAVINATO EBERLI
	TH	930 - 1230P	WEL 4.124	
• 50775	MW	1230 - 200P	BUR 220	SCHIAVINATO EBERLI
	M	200 - 500P	WEL 4.124	
• 50780	MW	1230 - 200P	BUR 220	SCHIAVINATO EBERLI
	TH	200 - 500P	WEL 4.124	
• 50785	MW	1230 - 200P	BUR 220	SCHIAVINATO EBERLI
	T	600 - 900P	WEL 4.124	

CH 366D BIO INORG CHEM/SPECTROSCOPY

Covers the roles of transition metals in biology, mostly with respect toprotein structure, function, and catalysis. Also covers methods of spectroscopy that are used to probe the geometrical and electronic structure of metal ions in proteins. Exposure to modern areas of study in bio-inorganic chemistry. Explores the principles of transition metal chemistry in the context of biological systems. Chemistry 366D and 368 (Topic: Bio-inorganic Chemistry) may not both be counted. Prerequisite: Chemistry 431 with a grade of at least C-. meets with CH 390K (TOPIC 2).

• 50790	TTH	200 - 330P	BIO 301	ROSE, M

CH 366E CH S-/P-/D-/F- BLOCK ELMNTS

Focuses on the electronic structure of molecules and complexes, and how such information can predict important properties such as chemical reactivity, spectroscopy, and magnetism. Intended for upper-division chemistry majors with a basic understanding

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of concepts in inorganic chemistry. Chemistry 366E and 368 (Topic: Inorganic Reactions and Structures) may not both be counted. Prerequisite: Credit with a grade of at least C- for Chemistry 431. meets with CH 380L.
• 50795 TTH 330 - 500P GAR 0.128 HUMPHREY, S

CH 367L MACROMOLECULAR CHEMISTRY
Occurrence, preparation, structure, and properties of macromolecular substances. Designed for chemistry and chemical engineering students. Prerequisite: Credit with a grade of at least C- in the following coursework: Chemistry 320M and 320N, or 328M and 328N; Chemistry 220C, or 128K and 128L; and Chemistry 353 or 353M. meets with CHE 392P, CHE 355, CH 392N.
• 50800 MWF 1000 - 1100 BUR 220 LYND, N

CH 368 PHYSICAL ORGANIC CHEMISTRY
Course number may be repeated for credit when the topics vary. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 320M and 320N, or Chemistry 328M and 328N; credit with agrade of at least C- or registration for Chemistry 353 or 353M. meets with CH 386J.
• 50805 TTH 1230 - 200P PHR 2.114 ANSLYN, E

1-RESEARCH METHODS: UTEACH
Course number may be repeated for credit when the topics vary. Students use mathematics and science skills to solve research problems. Restricted to students in the UTeach-Natural Sciences program. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 320M and 320N, or Chemistry 328M and 328N; credit with agrade of at least C- or registration for Chemistry 353 or 353M. meets with BIO 337 (TOPIC 2), PHY 341 (TOPIC 7).
• 50810 M 900 - 1100 PAI 4.08 MARDER, M
W 900 - 1100 PAI 4.14
• 50815 M 1100 - 100P PAI 4.08 BOLNICK, D
W 1100 - 100P PAI 4.14

CH 368L PEER TEACHING
Hour(s) to be arranged. Chemistry 368 (Topic: Peer Teaching) and 368L may not both be counted.
• 50820 RODENBUSCH, S

CH 369K TECHNIQUES OF RESEARCH
Hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry.
• 50825

TECHNIQUES OF RESEARCH-AIF
Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Austin International Framework Program.
• 50830 HUMPHREY, S

TECHNIQUES OF RESEARCH-FRI
Hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry.
• 50835 SANDY, M

TECHNIQUES OF RESEARCH-FRI
Laboratory hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with BIO 377, BIO 177.
• 50840 M 100 - 200P GDC 4.302 YANG, S

TECHNIQUES OF RESEARCH-FRI
Laboratory hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with BIO 377, CH 220C.
• 50845 F 700 - 800P ILARDI, E

TECHNIQUES OF RESEARCH-FRI
Additional hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with BIO 177, BIO 377.
• 50850 T 400 - 500P GDC 1.406 STOVALL, G

TECHNIQUES OF RESEARCH-FRI
Additional hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with BIO 377, BCH 369K, BIO 177.
• 50855 M 300 - 400P GEA 127 MACKRELL, A

TECHNIQUES OF RESEARCH-FRI
Additional hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with BIO 377, BIO 177.
• 50860 MISHLER, D
• 50865 M 100 - 200P WEL 2.140 ZAMORA-OLIVARES, D
• 50870 M 200 - 300P BIO 301 PALMER, G

TECHNIQUES OF RESEARCH-FRI
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with C S 378.
• 50875 RIEDEL, T

TECHNIQUES OF RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative.
• 50880 M 300 - 400P BIO 301 DYLLA, A
• 50885 F 700 - 800P DEPUE, L

TECHNIQUES OF RESEARCH-FRI
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with CH 220C, BIO 377, CH 455.
• 50890 M 400 - 500P WEL 2.140 METOLA, P

TECHNIQUES OF RESEARCH-FRI
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative.
• 50895 M 500 - 600P WEL 2.140 DUNCAN, J

TECHNIQUES OF RESEARCH-FRI
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with BIO 177, BIO 377.
• 50900 W 100 - 200P WEL 2.140 BECKHAM, J

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course	unique	days	time	room	instructor

TECHNIQUES OF RESEARCH-FRI
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry or biochemistry. Prerequisite: Eight semester hours of coursework in organic chemistry; and six semester hours of upper-division chemistry courses approved by the undergraduate adviser's office, or consent of the undergraduate adviser in chemistry. Restricted to students in the Freshman Research Initiative. meets with BIO 377, BIO 177.
• 50905 M 300 - 400P WEL 2.140 BAGCHI, D

CH 371K SCI OUTREACH IN ELEM SCHOOLS
Hour(s) to be arranged. May be repeated for credit. Students develop and present level-appropriate science laboratories to students in local elementary schools. Students also plan and create the infrastructure needed to administer the science program in concert with the science curriculum at a specific elementary school. A hands-on, discovery learning approach to science is emphasized. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry. Prerequisite: Upper-division standing, at least six hours of upper-division coursework in the College of Natural Sciences, and consent of the UTeach adviser in the College of Natural Sciences.
• 50910 MILLER, M

CH 372C CHEM PEER MENTORS IN RSCH/TCH
Additional hour(s) to be arranged. May be repeated for credit. Students work as peer mentors and assistants in the teaching of chemistry, with emphasis on developing instructional materials and laboratories that teach fundamental chemistry with real world data. Students mentor students for at least six hours a week in addition to other weekly meetings. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry. Biology 372Cand Chemistry 372C may not both be counted. Prerequisite: Chemistry 301 or 301H, and 302 or 302H with a grade of at least B in each; and consent of the undergraduate adviser.
• 50915 MWF 900 - 1000 WEL 2.140 SPARKS, S
• 50920 MWF 1200 - 100P WEL 2.110 SPARKS, S

CHEM PEER MENTORS IN RSCH/TCH
Hour(s) to be arranged. May be repeated for credit. Students work as peer mentors and assistants in the teaching of chemistry, with emphasis on developing instructional materials and laboratories that teach fundamental chemistry with real world data. Students mentor students for at least six hours a week in addition to other weekly meetings. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in chemistry. Biology 372Cand Chemistry 372C may not both be counted. Prerequisite: Chemistry 301 or 301H, and 302 or 302H with a grade of at least B in each; and consent of the undergraduate adviser.
• 50925 SPARKS, S

CH 372S STUDY/RESEARCH ABROAD: AIF
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Designed specifically for students participating in the AIF program. Facilitates student-led mini-seminars and video conference call discussions. Explores student research and wider learning and cultural experiences in Austin and abroad. Prerequisite: Enrollment in the Austin International Framework (AIF) program and consent of the instructor.
• 50930 HUMPHREY, S

CH 376K ADVANCED ANALYTICAL CHEMISTRY
Prerequisite: Chemistry 353 and 456 with a grade of at least C- in each.
• 50935 MW 100 - 200P BIO 301 SHEAR, J
T 200 - 500P WEL 4.124
• 50940 MW 100 - 200P BIO 301 SHEAR, J
W 200 - 500P WEL 4.124

CH 379H CHEM HONORS TUTORIAL COURSE
Hour(s) to be arranged. May be repeated for credit. Laboratory research project in a specific field of chemistry under the supervision of one or more faculty members. May be taken twice for credit. Must be taken in addition to the requiredhours for the Bachelor of Science in Chemistry degree. Students must enter no later than the first semester of the year of graduation. Prerequisite: Consent of the student's research supervisor and the departmental honors adviser.
• 50945

CH 380L INORGANIC REACTIONS AND STRUCT
Prerequisite: Graduate standing and consent of instructor. meets with CH 366E.
• 50950 TTH 330 - 500P GAR 0.128 HUMPHREY, S

CH 381M ADVANCED ANALYTICAL CHEMISTRY
Theory and application of special methods and recent advances. Prerequisite: Graduate standing in chemistry and consent of instructor.
• 50955 MW 500 - 630P PHR 2.114 SHEAR, J

CH 382K ADV PHYS CHEM: INTRO QUAN MECH
Prerequisite: Graduate standing, and Chemistry 354 or the equivalent.
• 50960 TTH 800 - 930 GAR 2.128 MAKAROV, D

CH 382L ADV PHYS CHEM: STAT MECHANICS
Prerequisite: Graduate standing and consent of instructor.
• 50965 TTH 1230 - 200P GAR 0.132 ELBER, R

CH 386J ADVANCED ORGANIC CHEMISTRY
Advanced organic chemistry, with emphasis on theory and reaction mechanisms. Prerequisite: Graduate standing, six semester hours of coursework in organic chemistry, and six semester hours of coursework in physical chemistry. meets with CH 368.
• 50970 TTH 1230 - 200P PHR 2.114 ANSLYN, E

CH 190 1-ANALYTICAL-PHYSICAL CHEM
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in chemistry.
• 50975 TH 330 - 500P WEL 2.122 MAKAROV, D

2-ORGANIC CHEMISTRY
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in chemistry.
• 50980 F 300 - 500P WEL 2.122 SESSLER, J

4-INORGANIC CHEMISTRY
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in chemistry.
• 50985 S 1000 - 1200 WEL 2.122 JONES, R
• 50990 W 300 - 500P WEL 2.122 JONES, R

CH 390K 2-ADV INORG CH: BIO INORG CH
Course number may be repeated for credit when the topics vary. Topics include magnetic resonance; organometallic, main-group, and transition metal chemistry; nonaqueous solvents; high-temperature superconductors; new developments in synthetic chemistry; and aspects of inorganic chemistry relevant to material science. Explores the roles of transition metals in biology, mostly with respect to protein structure, function and catalysis. Examines established and developing methods of spectroscopy used to probe the geometrical and electronic structure of metal ions in proteins. Analyzes modern areas ofstudy in bio-inorganic chemistry, especially relating to the roles of metals in metalloenzymes, but also including emerging topics such as metallodrugs, metal-based imaging agents, and molecular sensors. The principles of transition metal chemistry will be explored, expanded and demonstrated in the context of biological systems. Chemistry 390K (Topic: Bio-Inorganic Chemistry) and 390K (Topic 2) may not both be counted. Prerequisite: Graduate standing in chemistry, Chemistry 380L, and consent of instructor. meets with CH 366D.
• 50995 TTH 200 - 330P BIO 301 ROSE, M

CH 391 CHEMICAL AND SYNTHETIC BIOLOGY
Course number may be repeated for credit when the topics vary. Topics include organic photochemistry; molecular orbital theory; free radical chemistry; organometallic compounds; nuclear magnetic resonance and mass spectrometry; organic synthesis. Prerequisite: Graduate standing and consent of instructor. meets with BCH 339J.
• 51000 TTH 800 - 930 PHR 2.110 KEATINGE-CLAY, A

CH 392N PHYS CHEM OF MACROMOLEC SYSTEM
Theory of macromolecular solutions and methods for characterization of macromolecular systems. Prerequisite: Graduate standing, and undergraduate coursework in physical chemistry or consent of instructor. meets with CHE 392P, CHE 355, CH 367L.
• 51005 MWF 1000 - 1100 BUR 220 LYND, N

CH 192W ANALYTICAL STUDENT SEMINAR
Offered on the credit/no credit basis only. Student seminar presentations covering current research topics. Prerequisite: Graduate standing and consent of instructor.
• 51010 T 330 - 500P WEL 2.122 BRODBELT, J

CH 197C PROBLEMS IN CHEMISTRY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in chemistry and consent of instructor and the graduate adviser.
• 51015

CH 297C PROBLEMS IN CHEMISTRY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in chemistry and consent of instructor and the graduate adviser.
• 51020

CH 397C PROBLEMS IN CHEMISTRY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in chemistry and consent of instructor and the graduate adviser.
• 51025

CH 597C PROBLEMS IN CHEMISTRY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in chemistry and consent of instructor and the graduate adviser.
• 51030

CH 697C PROBLEMS IN CHEMISTRY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in chemistry and consent of instructor and the graduate adviser.
• 51035

CH 297P PROBLEMS IN CHEMISTRY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in chemistry and consent of instructor.
• 51040

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course	unique	days	time	room	instructor

CH 397P PROBLEMS IN CHEMISTRY
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing in chemistry and consent of instructor.
• 51045

CH 397S ADV TPCS IN CHEM: ANALYTICAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 51050

ADV TPCS IN CHEM: INORGANIC
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 51055

ADV TPCS IN CHEM: ORGANIC
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 51060

ADV TPCS IN CHEM: PHYSICAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 51065

CH 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in chemistry and consent of the graduate adviser; for 698B, Chemistry 698A.
• 51070

CH 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in chemistry and consent of the graduate adviser; for 698B, Chemistry 698A.
• 51075

CH 398T PROF DEV GRAD STDTS CHEMISTRY
Offered on the credit/no credit basis only. Provides professional development skills to graduate students in chemistry. Subjects include excellence in teaching, scientific communication, grantsmanship, ethics, and career planning. Restricted to graduate students in chemistry. Prerequisite: Graduate standing.

• 51080	MWF	1200 - 100P	WEL 2.140	BRODBELT, J
	F	100 - 200P	WEL 2.140	

CH 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 51085

CH 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 51090

CH 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 51095

CH 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemistry 399R, 699R, or 999R.
• 51100

CH 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemistry 399R, 699R, or 999R.
• 51105

CH 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemistry 399R, 699R, or 999R.
• 51110

DEPARTMENT OF COMPUTER SCIENCE

Computer Science - C S

C S 302 COMPUTER FLUENCY
An introduction to the fundamental concepts of computing: how computers work, what they can do, and how they can be used effectively. Some programming is required. Credit for Computer Science 302 may not be earned after a student has received credit for Computer Science 303E, 305J, 307, 312, 312H, 314, or314H. May not be counted toward a degree in computer science.

• 51165	MW	300 - 400P	GDC 2.216	PORTER, B
	F	900 - 1000	GDC 6.202	
• 51170	MW	300 - 400P	GDC 2.216	PORTER, B
	F	1000 - 1100	GDC 6.202	
• 51175	MW	300 - 400P	GDC 2.216	PORTER, B
	F	1100 - 1200	SAC 5.102	
• 51180	MW	300 - 400P	GDC 2.216	PORTER, B
	F	1200 - 100P	GDC 2.210	
• 51185	MW	300 - 400P	GDC 2.216	PORTER, B
	F	100 - 200P	GDC 2.210	
• 51190	MW	300 - 400P	GDC 2.216	PORTER, B
	F	200 - 300P	GDC 1.406	

C S 303E ELEMS OF COMPUTERS/PROGRAMMING
Problem solving and fundamental algorithms for various applications in science, business, and on the World Wide Web, and introductory programming in a modern object-oriented programming language. Only one of the following may be counted: Computer Science 303E, 305J, 312, 312H. Credit for Computer Science 303E may not be earned after a student has received credit for Computer Science 307, 314, or 314H. May not be counted toward a degree in computer science.

• 51195	MWF	1100 - 1200	ECJ 1.202	BEASLEY, A
• 51200	MWF	1100 - 1200	FAC 21	BULKO, W
• 51205	MWF	100 - 200P	FAC 21	BULKO, W

C S 104C COMPETITIVE PROGRAMMING
Explores the algorithms needed to solve a given problem, reason about corner cases, and write correct implementations under time pressure. Focuses on skills useful for international programming competitions, whiteboard job interviews, and programming tasks that require quickly solving challenging problems with creative use of algorithms. Computer Science 104 and 109 (Topic: Competitive Programming) may not both be counted. Prerequisite: Computer Science 311 or 311H with a grade of at least C-, and registration or credit in Computer Science 314 or 314H with a grade of at least C-.

• 51210	F	200 - 300P	GDC 1.304	DOWNING, G

C S 105C COMPUTER PROGRAMMING: C++
Explores the syntax and concepts needed to program in C++. Prerequisite: Computer Science 307, 313E, 314, 314H, or Electrical Engineering 422C, with a grade of at least C-.

• 51215	MW	900 - 1000	GDC 5.302	TREJO, A

C S 109 COMPUTER PROGRAMMING: PYTHON
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 51220	MW	100 - 200P	GDC 4.304	PETERS, A

C S 313E ELEMENTS OF SOFTWARE DESIGN
Object-oriented design of software using Python, a modern high-level language. Introduction to abstract data types, fundamental algorithms, and basics of complexity analysis. May not be counted toward a degree in computer science. Prerequisite: Computer Science 303E, 305J, 312, or 312H with a grade of at least C-.

• 51345	MWF	1100 - 1200	CLA 0.130	MITRA, S
• 51350	MWF	100 - 200P	JGB 2.216	MITRA, S

C S 314 DATA STRUCTURES
Second part of a two-part sequence in programming. Introduction to specifications, simple unit testing, and debugging; building and using canonical data structures; algorithm analysis and reasoning techniques such as assertions and invariants. Only one of the following may be counted: Computer Science 307, 314, 314H, 315, 315H. Prerequisite: Computer Science 312 or 312H with a grade of at least C-.

• 51360	TTH	200 - 330P	GDC 2.216	NOVAK, G
	W	200 - 300P	CLA 0.130	

C S 327E ELEMENTS OF DATABASES
A practical introduction to database management systems, with discussionof database administration and management. Survey of logical modeling, database design with a focus on relational databases, SQL query language, and current applications. Subjects may include data integrity,performance, concurrency, transaction processing, recovery, security, and Web applications. May not be counted toward a degree in computer science. Prerequisite: One of the following with a grade of at least C-: ComputerScience 303E, 305J, 307, 312, 312H, 314, 314H, 315, 315H, Electrical Engineering 422C.

• 51410	M	600 - 900P	GDC 1.304	COHEN, S

C S 429 COMP ORGANIZATN AND ARCH
An introduction to low-level computer design ranging from the basics of digital design to the hardware/software interface for application programs. Includes basic systems principles of pipelining and caching, and requires writing and understanding programs at multiple levels. Only one of the following may be counted: Computer Science 310, 310H, 429, 429H. Restricted to computer science majors. Prerequisite: The following courses with a grade of at least C-: Computer Science 311 (or 313K) or 311H (or 313H); and Computer Science 314 (or 315) or 314H (or 315H).

• 51415	MW	200 - 400P	UTC 3.122	YOUNG, W
	F	900 - 1100	UTC 1.102	
• 51420	MW	200 - 400P	UTC 3.122	YOUNG, W
	F	1100 - 100P	UTC 1.102	
• 51425	MW	200 - 400P	UTC 3.122	YOUNG, W
	F	200 - 400P	UTC 1.102	
• 51430	MW	400 - 600P	UTC 3.122	YOUNG, W
	F	900 - 1100	UTC 1.102	
• 51435	MW	400 - 600P	UTC 3.122	YOUNG, W
	F	900 - 1100	UTC 1.102	
• 51440	MW	400 - 600P	UTC 3.122	YOUNG, W
	F	200 - 400P	UTC 1.102	

April 3, 2026

course	unique	days	time	room	instructor

C S 329E ELEMENTS OF DATA ANALYTICS

Course number may be repeated for credit when the topics vary. May not be counted toward a degree in computer science. Prerequisite: Computer Science 313E, 314, or 314H with a grade of at least C-.

course	unique	days	time	room	instructor
•	51445	MW	400 - 530P	PHR 2.108	CANNATA, P

ELEMENTS OF DATA VISUALIZATION

Course number may be repeated for credit when the topics vary. May not be counted toward a degree in computer science. Prerequisite: Computer Science 313E, 314, or 314H with a grade of at least C-.

course	unique	days	time	room	instructor
•	51450	TTH	500 - 630P	PHR 2.108	CANNATA, P

ELEMENTS OF GAME DEVELOPMENT

Course number may be repeated for credit when the topics vary. May not be counted toward a degree in computer science. Prerequisite: Computer Science 313E, 314, or 314H with a grade of at least C-.

course	unique	days	time	room	instructor
•	51455	MW	200 - 300P	JGB 2.218	TOPRAC, P
		F	1100 - 1200	CBA 4.328	

ELEMENTS OF MOBILE COMPUTING

Course number may be repeated for credit when the topics vary. May not be counted toward a degree in computer science. Prerequisite: Computer Science 313E, 314, or 314H with a grade of at least C-.

course	unique	days	time	room	instructor
•	51460	TTH	730 - 900P	CLA 1.104	SEITSINGER, R

ELEMENTS OF WEB PROGRAMMING

Course number may be repeated for credit when the topics vary. May not be counted toward a degree in computer science. Prerequisite: Computer Science 313E, 314, or 314H with a grade of at least C-.

course	unique	days	time	room	instructor
•	51465	MWF	200 - 300P	GDC 2.216	MITRA, S

ELEMS OF SOFTWARE ENGINEERING

Course number may be repeated for credit when the topics vary. May not be counted toward a degree in computer science. Prerequisite: Computer Science 313E, 314, or 314H with a grade of at least C-.

course	unique	days	time	room	instructor
•	51470	MW	930 - 1100	UTC 4.124	FRAIJ, F
•	51475	TTH	1100 - 1230P	JGB 2.218	COFFMAN-WOLPH, S

C S 331 ALGORITHMS AND COMPLEXITY

An investigation of algorithmic paradigms: divide and conquer, dynamic programming, greedy algorithms, graph algorithms, randomized algorithms, undecidability, NP-completeness, and approximation algorithms. Only one of the following may be counted: Computer Science 331, 331H, 357, 357H, 378 (Topic: Algorithms and Complexity). Prerequisite: The following coursework with a grade of at least C-: Computer Science 429 (or 310) or 429H (or 310H); Mathematics 362K or Statistics and Data Sciences 321 (or Statistics and Scientific Computation 321); and credit with a grade of at least C- or registration for: Mathematics 340L, 341, or Statistics and Data Sciences 329C (or Statistics and Scientific Computation 329C).

course	unique	days	time	room	instructor
•	51480	MW	1230 - 200P	GDC 1.304	FRAIJ, F
		F	100 - 200P	SAC 5.102	
•	51485	MW	1230 - 200P	GDC 1.304	FRAIJ, F
		F	200 - 300P	UTC 1.146	
•	51490	MW	200 - 330P	GDC 1.304	FRAIJ, F
		W	1000 - 1100	SAC 5.102	
•	51495	MW	200 - 330P	GDC 1.304	FRAIJ, F
		W	1100 - 1200	GEA 114	

ALGORITHMS AND COMPLEXITY

Additional hour(s) to be arranged. An investigation of algorithmic paradigms: divide and conquer, dynamic programming, greedy algorithms, graph algorithms, randomized algorithms, undecidability, NP-completeness, and approximation algorithms. Only one of the following may be counted: Computer Science 331, 331H, 357, 357H, 378 (Topic: Algorithms and Complexity). Prerequisite: The following coursework with a grade of at least C-: Computer Science 429 (or 310) or 429H (or 310H); Mathematics 362K or Statistics and Data Sciences 321 (or Statistics and Scientific Computation 321); and credit with a grade of at least C- or registration for: Mathematics 340L, 341, or Statistics and Data Sciences 329C (or Statistics and Scientific Computation 329C).

course	unique	days	time	room	instructor
•	51500	MWF	1000 - 1100	GDC 5.302	PLAXTON, C
		M	100 - 200P	JGB 2.202	
•	51505	MWF	1000 - 1100	GDC 5.302	PLAXTON, C
		M	200 - 300P	RLM 7.114	

C S 439 PRINCIPLES OF COMPUTER SYS-C S

An introduction to computer systems software abstractions with an emphasis on the connection of these abstractions to underlying computer hardware. Key abstractions include threads, virtual memory, protection, and I/O. Requires writing of synchronized multithreaded programs and pieces of an operating system. Only one of the following may be counted: Computer Science 439, 439H, 352, 352H, 372, and 372H. Restricted to computer science majors. Prerequisite: Computer Science 310, 310H, 429, or 429H with a grade of at least C-.

course	unique	days	time	room	instructor
•	51510	MW	900 - 1100	UTC 3.124	NORMAN, A
		F	900 - 1100	JES A217A	
•	51515	MW	900 - 1100	UTC 3.124	NORMAN, A
		F	1100 - 100P	ETC 2.102	
•	51520	MW	900 - 1100	UTC 3.124	NORMAN, A
		F	100 - 300P	ETC 2.114	
•	51525	MW	1100 - 100P	UTC 3.124	NORMAN, A
		F	900 - 1100	GAR 2.112	
•	51530	MW	1100 - 100P	UTC 3.124	NORMAN, A
		F	100 - 300P	GAR 2.112	
•	51535	MW	1100 - 100P	UTC 3.124	NORMAN, A
		F	300 - 500P	JGB 2.202	
•	51540	MW	700 - 900P	GDC 2.216	GHEITH, A
		F	1000 - 1200	GAR 3.116	
•	51545	MW	700 - 900P	GDC 2.216	GHEITH, A
		F	1200 - 200P	JGB 2.202	
•	51550	MW	700 - 900P	GDC 2.216	GHEITH, A
		F	200 - 400P	GDC 2.210	

C S 439H PRINS OF COMPUTER SYS: HONORS

An introduction to computer systems software abstractions with an emphasis on the connection of these abstractions to underlying computer hardware. Key abstractions include threads, virtual memory, protection, and I/O. Requires writing of synchronized multithreaded programs and pieces of an operating system. Only one of the following may be counted: Computer Science 439, 439H, 352, 352H, 372, and 372H. Restricted to computer science majors. Prerequisite: Computer Science 310, 310H, 429, or 429H with a grade of at least C-.

course	unique	days	time	room	instructor
•	51555	MW	500 - 700P	GDC 5.302	GHEITH, A
		F	300 - 500P	BUR 220	

C S 340D DEBUGGING & VERIFYING PROGRAMS

Basic concepts of formal methods with emphasis on using and applying mathematical logic plus finite state systems theory to program verification and debugging. Computer Science 340D and 378 (Topic: Debugging and Verifying Programs) may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

course	unique	days	time	room	instructor
•	51560	TTH	200 - 330P	GDC 4.302	HEULE, M

C S 342 NEURAL NETWORKS

Biological information processing; architectures and algorithms for supervised learning, self-organization, reinforcement learning, and neuroevolution; deep learning, recurrent, and memory networks; hardware implementations and simulators; applications in engineering, artificial intelligence, and cognitive science. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

course	unique	days	time	room	instructor
•	51565	TTH	1000 - 1100		KRAEHENBUEHL, P
		F	1000 - 1100		
•	51570	TTH	1000 - 1100		KRAEHENBUEHL, P
		F	1100 - 1200		

C S 343 ARTIFICIAL INTELLIGENCE

An introduction to the field of artificial intelligence (AI), starting from foundations in search and knowledge representation, and then sampling from major AI topics such as probabilistic reasoning, intelligent agents (including for games), machine learning, planning, natural language processing, robotics, computer vision, and philosophical foundations. Programming projects are required. Only one of the following may be counted: Computer Science 343, 343H, 378H (Topic: Artificial Intelligence: Honors). Prerequisite: The following coursework with a grade of at least C- in each: Computer Science 429 (or 310) or 429H (or 310H); and Mathematics 362K or Statistics and Data Sciences 321 (or Statistics and Scientific Computation 321).

course	unique	days	time	room	instructor
•	51575	MW	330 - 500P	GDC 1.304	NIEKUM, S
•	51580	T	500 - 800P	GDC 2.216	MIIKKULAINEN, R

C S 345 PROGRAMMING LANGUAGES

Survey of significant concepts underlying modern programming languages, including syntax, functions, expressions, types, polymorphism, assignment, procedures, pointers, encapsulation, classes, and inheritance, with some discussion of implementation issues. Prominent programming paradigms, such as sequential, concurrent, object-oriented, functional, and logic programming. Illustrative examples drawn from a variety of current languages. Computer Science 345 and 345H may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

course	unique	days	time	room	instructor
•	51585	MWF	200 - 300P	WAG 201	COOK, W

C S 346 CRYPTOGRAPHY

A theoretical introduction to cryptography. Subjects include private key cryptosystems, public key cryptosystems, digital signatures, secret sharing schemes, and the necessary mathematical background. Prerequisite: The following coursework with a grade of at least C-: Computer Science 429 (or 310) or 429H (310H); 331 (or 357), 331H (or 357H), 341, or 341H; and credit with a grade of at least C- or registration for: Mathematics 340L, 341, or Statistics and Data Sciences 329C (or Statistics and Scientific Computation 329C).

course	unique	days	time	room	instructor
•	51590	MW	900 - 1030	GDC 4.304	WATERS, B

C S 347 DATA MANAGEMENT

Concepts of database design and database system implementation. Data models, query processing, database design theory, crash recovery, concurrent control, and distributed databases. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

course	unique	days	time	room	instructor
•	51595	TTH	1100 - 1230P	WAG 214	MIRANKER, D

C S 349 CONTEMP ISSUES IN COMPUTER SCI

An examination of social, professional, and ethical issues involved in the use of computer technology. Subjects may include software engineering ethics, computer safety and reliability, constitutional issues, intellectual property, computer crime, societal impact, emerging technologies, and philosophical issues. Computer Science 349 and 378 (Topic: Contemporary Issues in Computer Science) may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

course	unique	days	time	room	instructor
•	51600	MWF	1200 - 100P	GDC 4.304	ABRAHAM, S

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course	unique	days	time	room	instructor

C S 353 THEORY OF COMPUTATION

An introduction to computability theory and computational complexity, focusing on the limits of computation. Subjects include undecidability, NP-completeness, time and space complexity, circuit complexity, and randomized complexity. Prerequisite: One of the following with a grade of at least C-: ComputerScience 331 (or 357), 331H (or 357H), 341, or 341H.

• 51605	TTH	1100 - 1230P	GDC 6.202	ZUCKERMAN, D

C S 354 COMPUTER GRAPHICS

Introduction to techniques for human-machine communication through imagery. Subjects include display hardware, transformations, interactivetechniques, geometric modeling, two- and three-dimensional display algorithms, graphics software systems architecture, and hidden-line and surface elimination. Projects are assigned and in-depth exploration is encouraged. Prerequisite: The following courses with a grade of at least C-: Computer Science 429 (or 310) or 429H (or 310H); Computer Science 105C, 371G or 371P; Mathematics 408D, 408M, or 427L; and Mathematics 340L, 341, or Statistics and Data Sciences 329C. meets with BME 345.

• 51610	MWF	300 - 400P	CLA 1.104	ABRAHAM, S

C S 354R GAME TECHNOLOGY

An examination of major technological components of computer games and their integration, modeling and animation, physics simulation, networking for games, interface and interaction techniques, and special effects. Computer Science 354R and 378 (Topic: Game Technology) may not both be counted. Prerequisite: The following coursework with a grade of at least C-: Computer Science 105C, 371G or 371P; and Computer Science 429 (or 310) or 429H (or 310H).

• 51615	MWF	200 - 300P	GDC 5.302	ABRAHAM, S

C S 354S GAME DEV CAPSTNE: 2-D GAMES

Restricted enrollment; contact the department for permission to register for this class. Participation in an interdisciplinary team to gain a thorough understanding of the two-dimensional game development process, through modeling of the environment and practices that are used in game studios. Only one of the following may be counted: Computer Science 354S, 378 (Topic: Game Development Capstone: 2D Games), Music 354S, 376J (Topic: Game Development Capstone: 2D Games), Theatre and Dance 354T (Topic 17). Prerequisite: For computer science majors, Computer Science 429 or 429H with a grade of at least C- and consent of instructor; for others, consent of instructor. same as MUS 354S, T D 354T (TOPIC 17). also meets with ART 379S (TOPIC 1), AET 376, RTF 344T (TOPIC 1).

• 51620	MF	1230 - 200P	GDC 6.202	TOPRAC, P
	W	600 - 900P	GDC 6.202	

C S 356 COMPUTER NETWORKS

Introduction to computer networks with emphasis on the Internet. Prerequisite: Computer Science 439 (or 372) or 439H (or 372H) with a grade of at least C-.

• 51625	TTH	330 - 500P	PAR 201	LAM, S

C S 356R INTRO TO WIRELESS NETWORKS

An introduction to basic knowledge in wireless networks ranging from the physical layer to the application layer, and across different types of wireless networks such as WiFi, cellular, and multihop networks. Computer Science 356R and 378 (Topic: Introduction to Wireless Networks) may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

• 51630	M	900 - 1200	SZB 370	QIU, L

C S 361 INTRO TO COMPUTER SECURITY

An introduction to computer security, both in the abstract and in the context of real systems, including recognizing potential threats to confidentiality, integrity and availability, and developing familiarity with current security-related issues in computer science. Computer Science 361 and 378 (Topic: Introduction to Security) may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

• 51635	TTH	1230 - 200P	JGB 2.218	COFFMAN-WOLPH, S

C S 361S NETWORK SECURITY AND PRIVACY

An examination of common computer security threats; fundamental techniques for implementing secure software systems and networks; practical experience in attacking and defending networked systems. Computer Science 361S and 378 (Topic: Network Security and Privacy) may not both be counted. Prerequisite: Computer Science 439 (or 352 or 372) or 439H (or 352H or 372H) with a grade of at least C-.

• 51640	MW	1100 - 1230P	BUR 224	BEASLEY, C

C S 363D INTRODUCTION TO DATA MINING

Introduction to the topic of data mining: data preprocessing regression, classification, clustering, dimensionality reduction, association analysis, and anomaly detection. Computer Science 363D and 378 (Topic: Introduction to Data Mining) may not both be counted. Prerequisite: The following coursework with a grade of at least C-: Computer Science 429 (or 310) or 429H (or 310H); Mathematics 362K or Statistics and Data Sciences 321 (or Statistics and Scientific Computation 321); and Mathematics 340L, 341, or Statistics and Data Sciences 329C (or Statistics and Scientific Computation 329C).

• 51645	TTH	1230 - 200P	GDC 5.302	BEASLEY, A
• 51650	TTH	330 - 500P	GDC 5.302	LIU, Q

C S 370 UNDERGRAD READING AND RESEARCH

Hour(s) to be arranged. Supervised study of selected problems in computer science, by individualarrangement with supervising instructor. Computer Science 370 and 370F may not both be counted. No more than three semester hours may be counted toward a degree in computer science. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-, and consent of the undergraduate adviser.

• 51655

C S 370F UNDERGRAD RDG/RSCH: WRITING

Hour(s) to be arranged. Supervised study of selected problems in computer science, by individualarrangement with supervising instructor. Computer Science 370 and 370F may not both be counted. No more than three semester hours may be counted toward a degree in computer science. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-, and consent of the undergraduate adviser.

• 51660

C S 371M MOBILE COMPUTING

Overview of mobile computing. Emphasis on mobile application development. Use of mobile capabilities: sensors, location, telephony, and multimedia. Computer Science 371M and 378 (Topic: Mobile Computing) may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-; and credit with a grade of at least C- or registration for Computer Science 439 (or 352 or 372) or 439H (or 352H or 372H).

• 51665	MW	1230 - 200P	GDC 5.302	WITCHEL, E

C S 371P OBJECT-ORIENTED PROGRAMMING

Programming using class derivation, inheritance, and dynamic polymorphism. Application of a simple object-oriented design methodology to several software development problems. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

• 51670	MWF	100 - 200P	CLA 0.128	DOWNING, G

C S 371R INFO RETRIEVAL AND WEB SEARCH

Introduction to traditional and recent methodologies for indexing, processing, querying, and classifying unstructured and semi-structured textual data, including hypertext and World Wide Web documents. Computer Sciences 371R and 378 (Topic: Intelligent Information Retrieval and Web Search) may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

• 51675	TTH	930 - 1100	GDC 4.302	MOONEY, R

C S 373 SOFTWARE ENGINEERING

Introduction to current knowledge, techniques, and theories in large software system design and development. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

• 51680	MWF	1000 - 1100	GDC 1.304	DOWNING, G
• 51685	MWF	1100 - 1200	CLA 1.106	DOWNING, G

C S 373S SOFTWARE DESIGN

Model-driven engineering, UML metamodels and constraints, model transformatons, object-oriented refactorings, design patterns, object-oriented frameworks and plug-ins, layered and dataflow architectural styles, map-reduce parallel software architectures, and service-oriented architectures. Computer Science 373S and 378 (Topic: Software Design) may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

• 51690	TTH	1230 - 200P	GDC 2.216	BATORY, D

C S 375 COMPILERS

An examination of formal description of languages, lexical analysis, syntax analysis, syntax-directed translation, run-time system management, code generation, code optimization, compiler-building tools. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.

• 51695	TTH	1230 - 200P	GDC 1.304	NOVAK, G

C S 178 LONGHORN STARTUP SEMINAR

Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with MAN 137, E S 177, COM 125, F A 170.

• 51700	TH	600 - 800P	GDC 2.216	BAER, J

C S 378 AUTON INTELLGNT ROBTCS II-FRI

Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Restricted to students in the Freshman Research Initiative.

• 51705	TTH	330 - 500P	CBA 4.324	HART, J

BIG DATA PROGRAMMING

Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.

• 51710	TTH	930 - 1100	PAR 203	FRANKE, D

COMP INTEL IN GAME DSGN II-FRI

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Topic title: Computational intelligence in design: Games, agents, and 3D printing. Restricted to students in the Freshman Research Initiative.

• 51715	TTH	330 - 500P		TUTUM, C

ETHICAL HACKING

Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.

• 51720	W	200 - 500P	GDC 2.212	PROSISE, C

April 3, 2018

course unique days time room instructor

FRACTALS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.
• 51725 TTH 930 - 1100 GDC 5.302
• 51730 TTH 1100 - 1230P GDC 5.302

GEOMETRIC FNDTNS OF DATA SCI
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with CSE 392.
• 51735 MW 930 - 1100 GDC 4.302 BAJAJ, C

IOS MOBILE COMPUTING
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.
• 51740 TTH 600 - 730P CLA 1.104 SEITSINGER, R

MODERN WEB APPLICATIONS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.
• 51745 TTH 530 - 700P GDC 1.304 KULKARNI, D

PROG CORRECTNESS/PERFORMNC
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Topic title: Programming for correctness and performance.
• 51750 TTH 330 - 500P GDC 4.302 VAN DE GEIJN, R

QUANTUM COMPUTING-FRI
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Restricted to the students in the Freshman Research Initiative.
• 51755 TTH 330 - 500P LA COUR, B

ROBOT LEARNING-FRI
Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Restricted to students in the Freshman Research Initiative program.
• 51759 NIEKUM, S

TECHNIQUES OF RESEARCH-FRI
Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Restricted to students in the Freshman Research Initiative. meets with CH 369K.
• 51760 RIEDEL, T

C S 378H CONCURRENCY: HONORS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.
• 51765 MW 1100 - 1230P GDC 1.304 ROSSBACH, C

INTRO TO QUANTUM INFO SCI: HON
Course number may be repeated for credit when the topics vary. Only one of the following may be counted unless the topics vary: Computer Science 178, 378, 178H, 378H. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.
• 51770 MW 330 - 500P GDC 5.302 AARONSON, S

C S 379H COMPUTER SCIENCE HONORS THESIS
Hour(s) to be arranged. Directed reading, research, and/or projects in areas of computer science, under supervision of a faculty member, leading to an honors thesis. The thesis must be approved by a committee of three readers. Prerequisite: The following coursework with a grade of at least C- in each: Computer Science 311, 311H, 313H, or 313K; Computer Science 314, 314H, 315, or 315H; Computer Science 310, 310H, 429, or 429H; Mathematics 408C, 408K, or 408N; nine additional semester hours of upper-division coursework in computer science; and consent of the student's research supervisor and the departmental honors adviser.
• 51775

C S 380C COMPILERS
Basics of static analysis and transformation techniques; exploration in depth of one aspect of compilation and optimization. Computer Science 380C and 395T (Topic: Compilers) may not both be counted. Prerequisite: Graduate standing; Computer Science 357 and 375 are recommended.
• 51780 TTH 1230 - 200P GDC 1.406 PINGALI, K

C S 381V VISUAL RECOGNITION
Subjects include fundamental representations, learning approaches, matching-based algorithms, human activity models for video, and large-scale recognition. Computer Science 381V and 395T (Topic: Visual Recognition) may not both be counted. Prerequisite: Graduate standing; a background in basic computer vision and machine learning is recommended.
• 51785 W 200 - 500P GDC 2.410 GRAUMAN, K

C S 383C NUMERICAL ANLY: LINEAR ALGEBRA
Survey of numerical methods in linear algebra: floating-point computation, solution of linear equations, least squares problems, algebraic eigenvalue problems. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 383C, Computer Science 383C, Mathematics 383E, Statistics and Data Sciences 393C, Statistics and Scientific Computation 393C. Prerequisite: Graduate standing; Computer Science 367 or Mathematics 368K; and Mathematics 340L, 341, or consent of instructor. same as CSE 383C, M 383E, SDS 393C. also meets with M E 397.
• 51790 TTH 930 - 1100 ECJ 1.214 BIROS, G

C S 384G COMPUTER GRAPHICS
Advanced material in computer graphics, including in-depth treatments oftechniques for realistic image synthesis, advanced geometric modeling methods, animation and dynamic simulation, scientific visualization, and high-performance graphics architectures. Computational Science, Engineering, and Mathematics 382G and Computer Science 384G may not both be counted. Prerequisite: Graduate standing; and Computer Science 354 or another introductory course in computer graphics, or equivalent background and consent of instructor. same as CSE 382G.
• 51795 TTH 1230 - 200P GDC 4.304 FUSSELL, D

C S 386C DEPENDABLE COMPUTING SYSTEMS
System models from synchronous to asynchronous, with emphasis on in-between models such as the timed asynchronous model. Control structures such as timed state-transition systems, and constraints in temporal and real-time logics. Analysis techniques such as model checking of timed systems, and extended Presburger arithmetic. Basic building blocks such as clock synchronization, synchronous atomic broadcast, time-bounded membership protocols, real-time scheduling theory, and state recovery methods. Practical implementation issues suchas special operating system data structures and algorithms, open system design, and security concerns. Computer Science 386C and 395T (Topic: Dependable Computing Systems) may not both be counted. Prerequisite: Graduate standing, and an undergraduate course in operating systems or consent of instructor.
• 51800 TTH 200 - 330P GDC 6.202 MOK, A

C S 386L PROGRAMMING LANGUAGES
Topics include formal syntax representations, program correctness, typing, and data abstraction. Features and problems in languages that allow parallelism. Exploration of different programming styles, such as imperative, functional, logic, data flow, and object-oriented programming. Prerequisite: Graduate standing, and Computer Science 345 or consent of instructor.
• 51805 TTH 200 - 330P GDC 2.410 COOK, W

C S 386W WIRELESS NETWORKING
Fundamental concepts and principles of wireless network technologies and protocol design, ranging from physical layer to application layer, and in-depth studies of current wireless research. Computer Science 386W and 395T (Topic: Wireless Networking) may not both be counted. Prerequisite: Graduate standing.
• 51810 M 100 - 400P GDC 5.516 QIU, L

C S 388 NATURAL LANGUAGE PROCESSING
Computational methods for syntactic and semantic analysis of structures representing meanings of natural language; study of current natural language processing systems; methods for computing outlines and discourse structures of descriptive text. Prerequisite: Graduate standing, and a course in artificial intelligenceor consent of instructor.
• 51815 TTH 930 - 1100 GDC 4.304 DURRETT, G

C S 388G ALGORITHMS: TECHNIQUES & THRY
Sorting and searching algorithms, graph algorithms, algorithm design techniques, lower bound theory, fast Fourier transforms, NP-completeness. Prerequisite: Graduate standing, and Computer Science 357 or the equivalent or consent of instructor.
• 51820 TTH 200 - 330P GDC 5.302 RAMACHANDRAN, V

C S 393R AUTONOMOUS ROBOTS
Covers the steps necessary to create and program fully functional teams of autonomous robots, including locomotion, object manipulation, vision (segmentation and object detection), localization, inter-robot communication, Kalman filters and control theory, individual behavior creation, and multiagent coordination and strategic reasoning. Computer Science 393R and 395T (Topic: Autonomous Robots) may not both be counted. Prerequisite: Graduate standing.
• 51825 TTH 930 - 1100 GDC 6.202 STONE, P

C S 394N NEURAL NETWORKS
Biological information processing; architectures and algorithms for supervised learning, self-organization, reinforcement learning, and neuro-evolution; theoretical analysis; hardware implementations and simulators; applications in engineering, artificial intelligence, and cognitive science. Prerequisite: Graduate standing. meets with NEU 394P.
• 51830 W 900 - 1200 FNT 1.104 MIIKKULAINEN, R

C S 195 CONFERENCE COURSE
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Offered on the credit/no credit basis only. Prerequisite: Graduate standing and consent of instructor.
• 51835

course	unique	days	time	room	instructor

PRACTICUM IN COMP SCI APPLICS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Offered on the credit/no credit basis only. Prerequisite: Graduate standing and consent of instructor.
• 51840 KLIVANS, A

C S 295 CONFERENCE COURSE
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Offered on the credit/no credit basis only. Prerequisite: Graduate standing and consent of instructor.
• 51845

C S 395 CONFERENCE COURSE
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Offered on the credit/no credit basis only. Prerequisite: Graduate standing and consent of instructor. Restricted to computer science majors.
• 51850

C S 395T APPROXIMABILITY
Course number may be repeated for credit when the topics vary. From eight to fifteen topics are offered each semester. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 51855 MW 200 - 330P CLA 0.104 MOSHKOVITZ AARONSO

DATACENTERS
Course number may be repeated for credit when the topics vary. From eight to fifteen topics are offered each semester. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 51860 TTH 1100 - 1230P GDC 4.302 PETER, S

DEEP LEARNING SEMINAR
Course number may be repeated for credit when the topics vary. From eight to fifteen topics are offered each semester. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 51865 MW 200 - 330P GDC 4.304 KRAEHENBUEHL, P

HUMAN COMPUTATN/CROWDSOURCING
Course number may be repeated for credit when the topics vary. From eight to fifteen topics are offered each semester. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with INF 384H.
• 51870 TH 1200 - 300P UTA 1.212 LEASE, M

NUMER OPTIMIZ: GRAPHICS/AI
Course number may be repeated for credit when the topics vary. From eight to fifteen topics are offered each semester. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 51875 MW 330 - 500P GDC 1.406 HUANG, Q

VER/SYNTH OF CYBERPHYSICAL SYS
Course number may be repeated for credit when the topics vary. From eight to fifteen topics are offered each semester. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with ASE 396.
• 51880 MW 300 - 430P WRW 413 TOPCU, U

C S 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in computer science and consent of the graduate adviser; for 698B, Computer Science 698A.
• 51885

C S 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in computer science and consent of the graduate adviser; for 698B, Computer Science 698A.
• 51890

C S 398T SUPV TEACHING IN COMPUTER SCI
Offered on the credit/no credit basis only. Supervised teaching experience, and seminar focused on curriculum construction and teaching methods. Prerequisite: Graduate standing and appointment as a teaching assistant.
• 51895 TTH 1230 - 200P GDC 6.202 NORMAN, A

C S 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 51900

C S 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 51905

C S 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 51910

C S 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Computer Science 399R, 699R, or 999R.
• 51915

C S 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Computer Science 399R, 699R, or 999R.
• 51920

C S 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Computer Science 399R, 699R, or 999R.
• 51925

SCHOOL OF HUMAN ECOLOGY

Human Development and Family Sciences - HDF
Human Ecology - H E
Nutrition - NTR
Public Health - PBH
Textiles and Apparel - TXA

HDF 304 FAMILY RELATIONSHIPS
Designed to accommodate 100 or more students. The process of family interaction over the life cycle. Application of research findings to the understanding of relationships. Only one of the following may be counted: Human Development and Family Sciences 304, 304H, Women's and Gender Studies 301 (Topic 4). same as WGS 301 (TOPIC 4).
• 51980 TTH 200 - 330P MEZ 1.306 GLEASON, M

HDF 304H FAMILY RELATIONSHIPS: HONORS
Offered on the letter-grade basis only. The process of family interaction over the life cycle. Application of research findings to the understanding of relationships. Only one of the following may be counted: Human Development and Family Sciences 304, 304H, Women's and Gender Studies 301 (Topic 4). Prerequisite: Consent of the department.
• 51985 TTH 200 - 330P SEA 2.406 NEFF, L

HDF 313 CHILD DEVELOPMENT
Designed to accommodate 100 or more students. Motor, language, cognitive, social, and emotional development in the family context. Only one of the following may be counted: Human Development and Family Sciences 313, 313H, Women's and Gender Studies 301 (Topic 5), 313. Prerequisite: Credit or registration for Human Development and Family Sciences 113L, and Psychology 301 with grade of at least C-. same as WGS 313.
• 51990 TTH 800 - 930 CLA 0.112 GERSHOFF, E
• 51995 TTH 500 - 630P FAC 21 SPERANZA, H

HDF 113L CHILD DEVELOPMENT LABORATORY
Students observe children at the University Child and Family Laboratory and relate their observations to the issues discussed in Human Development and Family Sciences 313 and 313H. Prerequisite: Psychology 301 with a grade of at least C- and credit or registration for Human Development and Family Sciences 313 or 313H.
• 52000 M 900 - 1030 SEA 1.440 SPERANZA, H
• 52005 T 900 - 1030 SEA 1.440 SPERANZA, H
• 52010 W 900 - 1030 SEA 1.440 SPERANZA, H
• 52015 TH 900 - 1030 SEA 1.440 SPERANZA, H
• 52020 M 1030 - 1200 SEA 1.440 SPERANZA, H
• 52025 T 1030 - 1200 SEA 1.440 SPERANZA, H
• 52030 W 1030 - 1200 SEA 1.440 SPERANZA, H
• 52035 TH 1030 - 1200 SEA 1.440 SPERANZA, H
• 52040 M 130 - 300P SEA 1.440 SPERANZA, H
• 52045 T 130 - 300P SEA 1.440 SPERANZA, H
• 52050 W 130 - 300P SEA 1.440 SPERANZA, H
• 52055 TH 130 - 300P SEA 1.440 SPERANZA, H
• 52060 M 300 - 430P SEA 1.440 SPERANZA, H
• 52065 T 300 - 430P SEA 1.440 SPERANZA, H
• 52070 W 300 - 430P SEA 1.440 SPERANZA, H
• 52075 TH 300 - 430P SEA 1.440 SPERANZA, H

HDF 315L RSCH METH IN HUMAN DEV/FAM SCI
Survey of research methods, including observational and experimental techniques. Prerequisite: Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302); credit with a grade of at least C- or registration for Human Development and Family Sciences 304 or 304H, 313 or 313H, and 113L.
• 52080 MWF 300 - 400P BUR 108 ANDERSON, E

RSCH METH IN HUMAN DEV/FAM SCI
Designed to accommodate 35 or fewer students. Survey of research methods, including observational and experimental techniques. Prerequisite: Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302); credit with a grade of at least C- or registration for Human Development and Family Sciences 304 or 304H, 313 or 313H, and 113L.
• 52085 MWF 800 - 900 CPE 2.220

HDF 335 ADULT DEVELOPMENT
Adulthood and the development, changes, and maturation that occurs, including the impact of relationships in adulthood. Prerequisite: Upper-division standing and Human Development and Family Sciences 313 and 113L.
• 52090 TTH 200 - 330P PAR 201 FINGERMAN, K

April 3, 2018

course unique days time room instructor

HDF 338 DEVEL APPRO PRAC WITH YNG CHLD
Developmentally appropriate practices, the importance of play, arrangingenvironments, material selection, and a basic understanding about centers and activities for young children. Prerequisite: Upper-division standing; and a grade of at least C- in oneof the following: Human Development and Family Sciences 313 and 113L, 313H and 113L, or Psychology 304.
• 52095 MWF 200 - 300P CPE 2.218

HDF 340 ETH/PHIL/PROFSNL DEVEL ISSUES
Explores ethical and philosophical issues; personal values and choices; professional development and leadership; and career goals, opportunities, and challenges as they relate to human development and family sciences. Prerequisite: Upper-division standing.
• 52100 MWF 1200 - 100P CPE 2.216

HDF 343 HUM DEV IN MINORITY/IMMIG FAMS
Designed to accommodate 35 or fewer students. Examines the theories of human development and cultural psychology as they apply to the developmental issues of minority and immigrant children and families. Human Development and Family Sciences 343 and 378K (Topic: Child Development in Minority and Immigrant Families) may not both be counted. Prerequisite: Upper-division standing and Human Development and Family Sciences 313 or 313H, 113L, and 315L with a grade of at least C- in each.
• 52105 TTH 930 - 1100 ECJ 1.308 KIM, S

HDF 347 SOCIOECON PROBLEMS OF FAMILIES
Designed to accommodate 35 or fewer students. An analysis of how socioeconomic factors, including income, education, employment, and their intersection with race and gender affect child development and family functioning. Prerequisite: Upper-division standing, and six semester hours of coursework in anthropology, economics, education, human development and family sciences, psychology, social work, or sociology.
• 52110 MWF 1000 - 1100 GEA 100 QUIMBY, H

HDF 351 INFANT DEVEL & ATTACHMENT RELS
The development of emerging social language and cognitive capacities during infancy and toddlerhood and the development and consequences in infant-caregiver attachment security. Prerequisite: Upper-division standing; and Human Development and Family Sciences 313 or 313H, 113L, and 315L, with a grade of at least C- in each.
• 52115 TTH 930 - 1100 GEA 100 HAZEN-SWANN, N

HDF 352 FIELD EXPERIENCE: COMMUNITY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Practicum in applied settings concerning human development and family sciences. Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, 315L, and 340; Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302); Mathematics 408C, 408N, 408R, or Statistics and Data Sciences 332; and nine additional semester hours of upper-division coursework in human development and family sciences. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester. meets with HDF 352L, HDF 652F, HDF 652P.
• 52120 W 500 - 700P SEA 1.438 AMMON, N

HDF 652F FIELD PRACTICUM: COMMUNITY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in settings concerning human development and family sciences. Designed for students in their last semester. Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, 315L, and 340; Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302); Mathematics 408C, 408N, 408R, or Statistics and Data Sciences 332; and nine additional semester hours of upper-division coursework in human development and family sciences. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester. meets with HDF 352.
• 52125 W 500 - 700P SEA 1.438 AMMON, N

HDF 352L FIELD EXPERIENCE: EARLY CHLDHD
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Study and implementation of skills necessary for planning, guiding, and interacting with young children and their families, and for the management of facilities that provide services for young children. Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, and 315L, Statistics and Data Sciences 302 (or Statisticsand Scientific Computation 302); Mathematics 408C, 408N, 408R, or Statistics and Data Sciences 332; Human Development and Family Sciences 338, 340, and 466; three additional semester hours of upper-division coursework in human development and family sciences; and consent of instructor. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester. meets with HDF 652P, HDF 352.
• 52130 W 500 - 700P SEA 1.438 AMMON, N

HDF 652P FIELD PRACTICUM: EARLY CHLDHD
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Study and implementation of skills necessary for planning, guiding, and interacting with young children and their families; and for the management of facilities that provide services for young children. Designed for students in their last semester. Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, and 315L, Statistics and Data Sciences 302 (or Statisticsand Scientific Computation 302); Mathematics 408C, 408N, 408R, or Statistics and Data Sciences 332; Human Development and Family Sciences 338, 340, and 466; three additional semester hours of upper-division coursework in human development and family sciences; and consent of instructor. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester. meets with HDF 352L, HDF 352.
• 52135 W 500 - 700P SEA 1.438 AMMON, N

HDF 355H PROBLEMS COURSE: HONORS
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Intensive study of selected research problems. Prerequisite: Upper-division standing; Human Development and Family Sciences 315L with a grade of at least B-; Mathematics 316, Statistics and Data Sciences 303 (or Statistics and Scientific Computation 303), 304 (or Statistics and Scientific Computation 304), 305 (or Statistics and Scientific Computation 305), or 306 (or Statistics and Scientific Computation 306) with a grade of at least B-; a University grade-point average of at least 3.00; and consent of the department.
• 52140

HDF 255R PROBS CRS: RESEARCH PRACTICUM
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Intensive study of selected problems of a transdisciplinary nature. Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, and 315L; Mathematics 408C, 408N, 408R, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), or 332; and consent of instructor. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester; or consent of instructor. For nonmajors, the application process and prerequisites may be waived by consent of instructor.
• 52145

HDF 355R PROBS CRS: RESEARCH PRACTICUM
Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Intensive study of selected problems of a transdisciplinary nature. Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, and 315L; Mathematics 408C, 408N, 408R, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), or 332; and consent of instructor. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester; or consent of instructor. For nonmajors, the application process and prerequisites may be waived by consent of instructor. meets with HDF 655R.
• 52150 W 400 - 500P BUR 108

PROBS CRS: RESEARCH PRACTICUM
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Intensive study of selected problems of a transdisciplinary nature. Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, and 315L; Mathematics 408C, 408N, 408R, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), or 332; and consent of instructor. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester; or consent of instructor. For nonmajors, the application process and prerequisites may be waived by consent of instructor.
• 52155

HDF 655R PROBS CRS: RESEARCH PRACTICUM
Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Intensive study of selected problems of a transdisciplinary nature. Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, and 315L; Mathematics 408C, 408N, 408R, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), or 332; and consent of instructor. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester; or consent of instructor. For nonmajors, the application process and prerequisites may be waived by consent of instructor.
• 52160

PROBS CRS: RESEARCH PRACTICUM
Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Intensive study of selected problems of a transdisciplinary nature.

Prerequisite: Upper-division standing; a University grade point average of at least 2.00; the following coursework with a grade of at least C- in each course: Human Development and Family Sciences 304 or 304H, 313 or 313H, 113L, and 315L; Mathematics 408C, 408N, 408R, Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), or 332; and consent of instructor. Admission by application only, filed with the Department of Human Development and Family Sciences by May 1 for enrollment in the following spring semester, or by December 1 for enrollment in the following fall semester; or consent of instructor. For nonmajors, the application process and prerequisites may be waived by consent of instructor. meets with HDF 355R.

• 52165 W 400 - 500P BUR 108

HDF 466 GUIDANCE IN ADULT-CHILD RELS

Theory and implementation of positive child and adult interactions, communication, and guidance strategies. Only one of the following may be counted: Human Development and Family Sciences 466, Women's and Gender Studies 345 (Topic 4: Guidance in Adult-Child Relationships), 466. Prerequisite: Human Development and Family Sciences 313 or 313H, 113L, and three semester hours of upper-division coursework in human development and family sciences, education, psychology, or sociology, with a grade of at least C- in each. same as WGS 466.

• 52170 TH 500 - 700P CPE 2.218 AMMON, N
M 830 - 1230P SEA 1.440
• 52175 TH 500 - 700P CPE 2.218 AMMON, N
T 830 - 1230P SEA 1.440
• 52180 TH 500 - 700P CPE 2.218 AMMON, N
W 830 - 1230P SEA 1.440
• 52185 TH 500 - 700P CPE 2.218 AMMON, N
TH 830 - 1230P SEA 1.440
• 52190 TH 500 - 700P CPE 2.218 AMMON, N
M 1030 - 230P SEA 1.440
• 52195 TH 500 - 700P CPE 2.218 AMMON, N
T 1030 - 230P SEA 1.440
• 52200 TH 500 - 700P CPE 2.218 AMMON, N
W 1030 - 230P SEA 1.440
• 52205 TH 500 - 700P CPE 2.218 AMMON, N
TH 1030 - 230P SEA 1.440
• 52210 TH 500 - 700P CPE 2.218 AMMON, N
M 100 - 500P SEA 1.440
• 52215 TH 500 - 700P CPE 2.218 AMMON, N
T 100 - 500P SEA 1.440
• 52220 TH 500 - 700P CPE 2.218 AMMON, N
W 100 - 500P SEA 1.440
• 52225 TH 500 - 700P CPE 2.218 AMMON, N
TH 100 - 500P SEA 1.440

HDF 371 ADOLESCENT DEVEL IN CONTEXT

The biological, cognitive, and social changes that occur during the second decade of life, including the developmental issues faced by adolescents. Prerequisite: Upper-division standing; and Human Development and Family Sciences 313 or 313H, 113L, and 315L, with a grade of at least C- in each.

• 52230 TTH 500 - 630P BUR 108 VARNER, F

HDF 372K FAMILIES IN TRANSITION

Designed to accommodate 35 or fewer students. Analysis of interaction, transitions, and crises over the family life span. Prerequisite: Upper-division standing and the following courses with a grade of at least C- in each: Human Development and Family Sciences 304 or 304H, and 315L and 337.

• 52234 MWF 1100 - 1200 GEA 100 WILLIAMSON, H

HDF 378K ADOLESCENT DEVELOPMENT

Course number may be repeated for credit when the topics vary. Concepts, theories, and issues in human development and family sciences. Prerequisite: Six semester hours of upper-division coursework in human development and family sciences (or child development), anthropology, education, psychology, sociology, or social work, and consent of instructor.

• 52235 MWF 1100 - 1200 GEA 100 WILLIAMSON, H

6-INTRO EARLY CHILDHD INTERVEN

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Concepts, theories, and issues in human development and family sciences. Prerequisite: Six semester hours of upper-division coursework in human development and family sciences (or child development), anthropology, education, psychology, sociology, or social work, and consent of instructor. meets with SED 378T, PSY 341K.

• 52240 M 500 - 800P CPE 2.210 MOYER-TRIMYER, R

HDF 378L THEORS OF CHILD AND FAM DEVEL

Designed to accommodate 35 or fewer students. Study and analysis of major theories in human and family development. Prerequisite: The following with a grade of at least C- in each: Human Development and Family Sciences 313 or 313H, 113L, 315L, and three additional semester hours of upper-division coursework in human development and family sciences.

• 52245 MWF 400 - 500P CMA 3.114 QUIMBY, H

HDF 379H HONORS TUTORIAL COURSE

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual research on a special topic in human development and family sciences; oral presentation and preparation of a scholarly paper covering the research. May be based on laboratory, library, or field research. May be repeated once for credit. Prerequisite: Upper-division standing, a University grade point average of at least 3.00, admission to the human development and family sciencehonors program, and consent of the honors adviser. Name of honors adviser and application procedure are available in the division office.

• 52250

HDF 380K 1-RSCH METHS CHILD DEV/FAM REL

Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52255 W 100 - 400P SEA 1.438 KIM, S

3-ANALYZING DEVEL AND CHANGE

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52260 W 200 - 500P GEA 403 ANDERSON, E

HDF 192 RSCH PROB: IMMIG/MINORITY FAMS

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52265

HDF 292 RSCH PROB: MARRIAGE & DIVORCE

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52270 KIM, S

HDF 392 RSCH PROB: ATTACH & PEER RELS

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52275

RSCH PROB: ATTRACTION

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52280

RSCH PROB: CHILD DEV/FAM RELS

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52285

RSCH PROB: COURTSHIP/MARRIAGE

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52290

1-RSCH PROB: CHILD DEVELOPMENT

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52295

HDF 692 RSCH PROB: COMMITMENT IN RELS

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52300

RSCH PROB: HUMAN DEVELOPMENT

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Directed research in various topics in the area of human development andfamily sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52305

HDF 395 1-CHILD AND ADOLESCENT DEVEL

Course number may be repeated for credit when the topics vary. Research and theory focused on the interplay between individual development, family relationships, and institutions and relationships outside the family. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 52310 T 130 - 430P GEA 100 JACOBVITZ, D

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course	unique	days	time	room	instructor

HDF 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in human development and family sciences and consent of the graduate adviser; for 698B, Human Development and Family Sciences 698A.
• 52315

HDF 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in human development and family sciences and consent of the graduate adviser; for 698B, Human Development and Family Sciences 698A.
• 52320

HDF 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52325

HDF 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52330

HDF 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52335

HDF 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Human Development and Family Sciences 399R, 699R, or 999R.
• 52340

HDF 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Human Development and Family Sciences 399R, 699R, or 999R.
• 52345

HDF 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Human Development and Family Sciences 399R, 699R, or 999R.
• 52350

NTR 306 FUNDAMENTALS OF NUTRITION
Designed to accommodate 100 or more students. Essential food components and their functions in life processes. Only one of the following may be counted: Nutrition 306, 312, 312H. Nutrition 306 may not be counted toward a nutritional sciences degree.

• 52405	TTH	1100 - 1230P	MEZ 1.306	JOLLY, C
• 52410	MWF	300 - 400P	GEA 105	DE ANGULO SORIANO

NTR 307 INTRODUCTORY FOOD SCIENCE
Application of the principles of food chemistry to processing and preparation techniques. Prerequisite: For nutrition majors: Nutrition 312 or 312H with a grade of at least C-, and credit or registration for 107L; for others: Nutrition 306, 312, or 312H with a grade of at least C-.

• 52415	MWF	1100 - 1200	CPE 2.216	HAYS, D

NTR 107L INTRODUCTORY FOOD SCIENCE LAB
Prerequisite: Credit or registration for Nutrition 307.

• 52420	T	1100 - 200P	GEA 337	BRILEY, M
• 52425	TH	1100 - 200P	GEA 337	BRILEY, M
• 52430	M	200 - 500P	GEA 337	BRILEY, M
• 52435	W	200 - 500P	GEA 337	BRILEY, M

NTR 312 INTRO TO NUTRITIONAL SCIENCE
Designed to accommodate 100 or more students. Biochemical, physiological, and cellular functions of energy macronutrients, vitamins and minerals, and the scientific basis for current dietary and nutrient recommendations. Designed for science majors. Only one of the following may be counted: Nutrition 306, 312, 312H. Prerequisite: Credit with a grade of at least a C- or registration for Nutrition 112L.

• 52440	MWF	800 - 900	GEA 105	HAYS, D

NTR 112L INTRO TO NUTRITIONAL SCI LAB
Collection and evaluation of dietary intake data, nutrient composition of food, and survey of dietetic practice. Prerequisite: Chemistry 301 with a grade of at least C-; credit or registration for Biology 311C, Chemistry 302, and Nutrition 312; and oneof the following with a grade of at least C-: Mathematics 408C, 408D, 408N, Statistics and Data Sciences 302, 304, 306, 325H, 328M, (Statistics and Scientific Computation 302, 304, 306, 325H, 328M).

• 52445				HAYS, D
• 52450	M	1200 - 300P	GEA 247	HAYS, D
• 52455	T	1230 - 330P	GEA 247	HAYS, D
• 52460	M	300 - 600P	GEA 247	HAYS, D
• 52465	TH	330 - 630P	GEA 247	HAYS, D

NTR 315 NUTRITION THROUGH LIFE CYCLE
Adapting nutrition recommendations to physiological changes throughout the life span. Prerequisite: Nutrition 306, 312, or 312H with a grade of at least C-.

• 52470	MWF	900 - 1000	BUR 136	POULOS, N

NTR 316 CULTURE AND FOOD
Influence of culture on foodways around the world. Prerequisite: Nutrition 306, 312, or 312H with a grade of at least C-.

• 52475	MWF	200 - 300P	GEA 127	POULOS, N

NTR 218 ASSMNT OF NUTRITIONAL STATUS
Assessment of nutritional status using anthropometric, biochemical, clinical, and dietary intake data, and development and implementation ofeffective care for individuals. Prerequisite: Nutrition 312 and 112L, or 312H and 312R with a grade of at least C- in each; and credit or registration for Nutrition 118L.

• 52480	MW	100 - 200P	GEA 100	MEADOWS, M

NTR 118L ASSMNT NUTRITIONAL STATUS LAB
Prerequisite: Credit or registration for Nutrition 218.

• 52485	M	200 - 500P	GEA 403	MEADOWS, M
• 52490	T	200 - 500P	GEA 403	MEADOWS, M

NTR 321 INTERNATIONAL NTR: DEVEL WORLD
Nutrition-related issues in the developing world, including nutrient deficiency and disease, concerns in vulnerable populations (pregnancy, infancy, childhood, and old age), and food aid. Prerequisite: Nutrition 306, 312, or 312H with a grade of at least C-.

• 52495	MWF	1000 - 1100	CPE 2.212	MILONOVICH, M

NTR 326 INTERMED NUTR AND METABOLISM
Integration of nutrition, genetics, cell biology, and molecular biology. Focuses on the cellular and molecular basis of nutrition-related diseases and nutrient-gene interactions. Prerequisite: The following coursework with a grade of at least C- in each course: Biology 311C, and Nutrition 312 or 312H; and credit or registration for Chemistry 320M, and Nutrition 112L or 312R.

• 52500	MWF	1000 - 1100	BUR 208	TIZIANI, S
	M	400 - 500P	WAG 308	
• 52505	MWF	1000 - 1100	BUR 208	TIZIANI, S
	W	400 - 500P	CLA 1.108	
• 52510	MWF	1000 - 1100	BUR 208	TIZIANI, S
	M	500 - 600P	WAG 308	
• 52515	MWF	1000 - 1100	BUR 208	TIZIANI, S
	W	500 - 600P	CLA 0.120	

NTR 126L NUTRITIONAL SCIENCES LAB
Basic laboratory techniques in nutritional sciences. Prerequisite: Credit or registration for Nutrition 326.

• 52520	T	800 - 1100	PAI 4.32	LODI, A
• 52525	W	900 - 1200	PAI 4.32	LODI, A
• 52530	T	1100 - 200P	PAI 4.32	LODI, A
• 52535	T	200 - 500P	PAI 4.32	LODI, A
• 52540	TH	200 - 500P	PAI 4.32	LODI, A
• 52545	F	200 - 500P	PAI 4.32	LODI, A

NTR 330 NUTRITION EDUC AND COUNSELING
Additional hour(s) to be arranged. Application of counseling and learning theories to the care of individuals and groups in community and clinical settings. Prerequisite: Nutrition 315 and 326 with a grade of at least C- in each.

• 52550	MWF	1100 - 1200	BUR 220	MEADOWS, M

NTR 332 COMMUNITY NUTRITION
National and international issues in public health and nutrition programs. Prerequisite: The following coursework with a grade of at least C- in each course: Nutrition 312 or 312H; 315; and 326.

• 52555	MWF	900 - 1000	GEA 114	PAPILLION, D

NTR 334 FOODSERVICE SYSTEMS MANAGEMENT
Procurement, production, and service delivery in foodservice systems. Prerequisite: For nutrition majors: Nutrition 307, 107L, and 326 with a grade of at least C- in each, and credit or registration for Nutrition 234L; for others: Nutrition 307 with a grade of at least C-, and one of the following with a grade of at least C-: Nutrition 306, 312, or 312H.

• 52560	TTH	930 - 1100	GEA 403	PAPILLION, D

NTR 234L LAB IN FOODSERVICE SYSTEMS
Prerequisite: Credit or registration for Nutrition 334.

• 52565	MW	1100 - 200P	GEA 403	HERNANDEZ, L
• 52570	TTH	1100 - 200P	GEA 400	PAPILLION, D
• 52575	TTH	1100 - 200P	GEA 403	HERNANDEZ, L

NTR 337 PRIN EPIDEMIOLOGY IN NUTR SCI
Offered on the letter-grade basis only. Introduction the role of epidemiology methods as the basis for selection of study design and data collection tools in nutrition research such as dietary tools, biomarkers of diet or disease, and anthropometric measurements like obesity. Emphasis on interpretation of study results in nutrition research. Prerequisite: Credit with a grade of at least C- or registration for Nutrition 312H or 326, and one of the following with a grade of at least C-: Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 304 (or Statistics and Scientific Computation 304), 306 (or Statistics and Scientific Computation 306), 325H (or Statistics and Scientific Computation 325H), or 328M (or Statistics and Scientific Computation 328M). meets with NTR 390.

• 52580	TTH	930 - 1100	PHR 2.114	HERNANDEZ, L

NTR 338W ISSUES IN NUTRITION AND HEALTH
Additional hour(s) to be arranged. Identifying, reading, analyzing, writing, and presenting scientific research on selected topics in nutrition and human health. Nutrition 338H and 338W may not both be counted. Prerequisite: The following with a grade of at least C-: Biochemistry 369 (or Chemistry 369), or Biochemistry 339F (or Chemistry

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339K and 339L); Biology 325 and 365S (or 416L); Nutrition 312H or 326; and one of the following with a grade of at least C-: Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 304 (or Statistics and Scientific Computation 304), 306 (or Statistics and Scientific Computation 306), 325H (or Statistics and Scientific Computation 325H), or 328M (or Statistics and Scientific Computation 328M).

• 52585	MWF	1000 - 1100	GEA 247	LASHINGER, L
• 52590	MWF	1100 - 1200	GEA 247	HERZELE, C
• 52595	TTH	200 - 330P	UTC 3.120	HERZELE, C

NTR 342 ADVANCED NUTRITIONAL SCIENCES

Additional hour(s) to be arranged. Biochemical and molecular biological aspects of carbohydrate, fat, and amino acid metabolism. Prerequisite: The following coursework with a grade of at least C-: Nutrition 326; and Biology 325 or Nutrition 218 and 118L; and credit with a grade of at least C- or registration for Biochemistry 369 (or Chemistry 369) and Biology 365S.

• 52600	TTH	1100 - 1230P	GEA 100	LASHINGER, L

NTR 343 VITAMINS AND MINERALS

Biomedical, cellular and molecular, and clinical aspects of vitamins, minerals, and water. Only one of the following may be counted: Nutrition 343, 344, 365 (Topic1). Prerequisite: Biology 325, 365S, and Nutrition 342, with a grade of at least C- in each. meets with NTR 390 (TOPIC 4).

• 52605	TTH	200 - 330P	CBA 4.346	SWEITZER, S

NTR 245C CLIN PRAC MEDCL NTR THERAPY I

Additional hour(s) to be arranged. Application of principles of medical nutrition therapy to the care of clients in the practice setting. Prerequisite: Nutrition 370 with a grade of at least C-, credit or registration for Nutrition 371, and admission to the Coordinated Program in Dietetics.

• 52610	MT	100 - 400P	PAI 5.44	MILONOVICH, M

NTR 352 FIELD EXPERIENCE IN NUTRITION

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Approval of application for field experience. Applicationsare available in the department office.

• 52615

NTR 155 UNDERGRAD RSCH IN NUTRITION

Hour(s) to be arranged. Supervised individual undergraduate research in nutrition. May be repeated for credit, but no more than four semester hours may be counted toward a degree in nutrition. Any additional hours must be taken on the pass/fail basis. Nutrition 355 and 355H may not both be counted. Prerequisite: Consent of instructor.

• 52620

NTR 355 UNDERGRAD RSCH IN NUTRITION

Hour(s) to be arranged. Supervised individual undergraduate research in nutrition. May be repeated for credit, but no more than four semester hours may be counted toward a degree in nutrition. Any additional hours must be taken on the pass/fail basis. Nutrition 355 and 355H may not both be counted. Prerequisite: Consent of instructor.

• 52625

NTR 355H HONORS RESEARCH

Hour(s) to be arranged. Research in biological, biochemical, or nutritional science, coordinated with readings of scientific literature, and a written research report for each semester in which credit is sought. Nutrition 355 and 355H may not both be counted. May be repeated for credit, but no more than nine semester hours may be counted toward the major in nutrition. Any additional hours must be taken on the pass/fail basis. Restricted to honors eligible majors in nutritional sciences, biology, biochemistry, and students in the Dean's Scholars Honors Program. Prerequisite: Biology 325 or 325H; Nutrition 312H and 312R; and approval of research supervisor.

• 52630

NTR 355M ADV FOOD SYSTEMS MANAGEMENT

Laboratory hour(s) to be arranged. Financial control, quality assurance, personnel administration, foodservice equipment, layout and design in foodservice operations. Analysis and evaluation of an organized foodservice operation. Prerequisite: Accounting 310F or 311, and Nutrition 334 and 234L, with agrade of at least C- in each.

• 52635	TTH	800 - 930	GEA 100	SWEITZER, S

NTR 162 STANDRD/ETH/CRED DIETETIC PRAC

Identification of standards and discussion of current issues in ethics and credentialing for dietetics practice. Prerequisite: Credit or registration for Nutrition 218 and 118L.

• 52640	T	500 - 600P	GEA 100	SWEITZER, S

NTR 365 SPORTS NUTRITION

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 52645	TTH	1100 - 1230P	ART 1.120	BRAY, M

4-OBESITY & METABOLIC HEALTH

Course number may be repeated for credit when the topics vary. Examines the prevalence, prevention, and treatment of adult and childhood obesity, and the metabolic disorders related to obesity. Prerequisite: Varies with the topic. Prerequisite: Biology 365S, and Nutrition 312 or 312H with a grade of atleast C-.

• 52650	TTH	1230 - 200P	UTC 3.122	DAVIS, J

NTR 366L RSCH METHS IN NUTRITIONAL SCI

Designed to accommodate 35 or fewer students. Focuses on state-of-the-art research in nutrition, including biochemistry and molecular biological techniques for nutrient-gene interactions, enzyme and coenzyme functions, and nutrient analysis of biologic materials. Includes data analysis and statistical methods. Prerequisite: Nutrition 126L with a grade of at least C-.

• 52655	M	1000 - 1100	SAC 5.102	LODI, A
	WF	1100 - 200P	PAI 5.22	
• 52660	M	1000 - 1100	SAC 5.102	LODI, A
	MW	200 - 500P	PAI 5.22	

NTR 371 MEDICAL NUTRITION THERAPY II

Nutritional care of critically ill patients, including techniques of nutrition support. Prerequisite: Nutrition 326 with a grade of at least a C-; and credit with a grade of at least C- or registration for the following: Biology 365S, Biochemistry 369 (or credit for Chemistry 369), and Nutrition 218 and 118L.

• 52665	MWF	800 - 900	BUR 108	MILONOVICH, M

NTR 379H HONORS TUTORIAL COURSE

Hour(s) to be arranged. May be repeated for credit. Supervised individual research on a special topic in nutrition; oral presentation and preparation of a scholarly paper covering the research.May be based on laboratory, library, or field research. May be taken twice for credit. Prerequisite: Consent of the student's research supervisor and the departmental honors adviser.

• 52670

NTR 380K 3-RSCH METH: EXP DSGN AND STAT

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in nutrition, or graduate standing and consent of instructor. Restricted to students in the Masters of Science in Nutritional Science option III program. Partially taught as a Web-based course.

• 52675				BRAY, M

3-RSCH METH: EXP DSGN AND STAT

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in nutrition, or graduate standing and consent of instructor. Topic description: Course explores applications of statistical analysis methods for nutrition-based data and analysis of data sets and interpretation of results.

• 52680	TTH	1100 - 1230P	PAI 5.16	BRAY, M

NTR 390 PRIN EPIDEMIOLOGY IN NUTR SCI

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; and one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. meets with NTR 337.

• 52685	TTH	930 - 1100	PHR 2.114	HERNANDEZ, L

THEORIES OF NUTRITION BEHAVIOR

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; and one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. Restricted to students in the Master of Science in Nutritional Science program. Partially taught as a Web-based course.

• 52690

1-ADVANCES IN NUTRITNL SCI I

Course number may be repeated for credit when the topics vary. Required of all graduate students in nutrition. Prerequisite: Graduate standing; and one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor.

• 52695	W	100 - 400P	PAI 5.16	FREELAND, J

1-ADVANCES IN NUTRITNL SCI I

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Required of all graduate students in nutrition. Prerequisite: Graduate standing; and one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. Restricted to students in the Masters of Science in Nutritional Science option III program. Partially taught as a Web-based course.

• 52700				LASHINGER, L

4-VITAMINS AND MINERALS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; and one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. meets with NTR 343.

• 52705	TTH	200 - 330P	CBA 4.346	SWEITZER, S

6-MOLEC NUTRITIONAL SCIENCES

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; and one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. Restricted to students in the Master of Science in Nutritional Science program. Partially taught as a Web-based course.

• 52710

7-ADVANCES IN NUTRITNL SCI II

Course number may be repeated for credit when the topics vary. Required of all graduate students in nutrition. Prerequisite: Graduate standing; and one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. Restricted to students in the Master of Science in Nutritional Science program. Partially taught as a Web-based course.

• 52715

9-NTR, IMMUNOLOGY, AND CANCER

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; and one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. Restricted to students in the Master of Science in Nutritional Science program. Partially taught as a Web-based course.

• 52720

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course	unique	days	time	room	instructor

NTR 392 1-BIOCHEMICAL NUTRITION
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52725

2-NUTRIENT REQUIREMENTS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52730

3-NUTRITION AND CANCER
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52735

4-NUTRITION AND IMMUNOLOGY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52740

6-CLINICAL NUTRITION
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52745

NTR 394 1-STUDY DESIGN AND RESEARCH ME
Course number may be repeated for credit when the topics vary. Required of all students. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Science in Nutritional Science program. Partially taught as a Web-based course.
• 52750

NTR 697C CONF COURSE IN NUTRITIONAL SCI
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 52755

NTR 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in nutrition and consent of the graduate adviser; for 698B, Nutrition 698A.
• 52760

NTR 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in nutrition and consent of the graduate adviser; for 698B, Nutrition 698A.
• 52765

NTR 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in nutrition and consent of the supervising professor.
• 52770

NTR 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52775

NTR 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52780

NTR 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52785

NTR 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Nutrition 399R, 699R, or 999R.
• 52790

NTR 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Nutrition 399R, 699R, or 999R.
• 52795

NTR 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Nutrition 399R, 699R, or 999R.
• 52800

PBH 317 INTRODUCTION TO PUBLIC HEALTH
Overview and basic principles of public health, including the public health system, concepts and tools for measuring health in populations, the relationship between public health and the medical care system, and the role of law and government in public health. Biology 317 and Public Health 317 may not both be counted.
• 52855 TTH 800 - 930 CLA 0.126 FELKNER, M
• 52860 TTH 930 - 1100 CLA 0.126 FELKNER, M

PBH 334 GLOBAL HEALTH
An investigation of global health issues, including the principles of global health, the burden of morbidity and mortality, health determinants, health care and public health systems, socioeconomic development, and human rights. Biology 334 and Public Health 334 may not both be counted. Prerequisite: Public Health 358D and 368D with a grade of at least C- in each.
• 52865 TTH 200 - 330P BUR 224 TAYLOR, R

PBH 338 ENVIRONMENTAL HEALTH
Introduction to the major areas of environmental health presented in the context of epidemiology, toxicology, and health effects. Subjects include water and air quality, solid and liquid waste, hazardous chemicals, radiation, infectious agents, food safety, and occupational health. Prerequisite: Public Health 358D and 368D with a grade of at least C- in each.
• 52870 TTH 200 - 330P BUR 130 FELKNER, M

PBH 341R PUBLIC HEALTH RESEARCH
Additional hour(s) to be arranged. May be repeated for credit. Students conduct public health research, mentored by professionals at public health practice agencies or faculty at graduate schools of public health throughout Texas. Prerequisite: Biology 325 or 325H with a grade of at least C-; students must also submit a proposal to the instructor.
• 52875

PBH 354 EPIDEMIOLOGY
Introduction to basic principles and concepts in epidemiology, includingdescriptive epidemiology, association and causation, basic epidemiological study design, evidence-based decision analysis, and applications of epidemiology methods to basic and clinical science. Restricted to public health majors. Prerequisite: Public Health 317 with a grade of at least C-; and credit or registration for Biology 325 or 325H, and Statistics and Data Sciences 328M (or credit for Statistics and Scientific Computation 328M).
• 52880 TTH 800 - 930 UTC 4.110 TAYLOR, R
• 52885 TTH 930 - 1100 UTC 4.110 TAYLOR, R

PBH 356 HLTH BEHAVIOR THRY/PRACTICE
An introduction to social and behavioral theories that inform the discipline of public health and applied public health practice, including practical examples of how these theories inform and influence health promotion to understand and modify health-related behaviors. Focus on health inequities and inequalities of populations living in theUnited States and how underlying cultures and social structures impact the health of individuals and communities. Only one of the following may be counted: Public Health 356, 368D, or Sociology 368D. Restricted to public health majors. Prerequisite: The following coursework with a grade of at least C- in each: Public Health 354, Biology 325, Statistics and Data Sciences 328M.
• 52890 MWF 300 - 400P ETC 2.102
• 52895 MWF 400 - 500P GEA 127

PBH 358D HEALTH POLICY & HEALTH SYSTEMS
Covers the essentials of health policy and law, including the ways that policy and legal issues impact health care and public health systems. Only one of the following may be counted: Health and Society 330, PublicHealth 358D, Sociology 358D. Prerequisite: The following coursework with a grade of at least C- in each: Public Health 354, and Statistics and Data Sciences 328M (or Statistics and Scientific Computation 328M).
• 52900 TTH 800 - 930 BUR 112 NAUERT, R
• 52905 MWF 100 - 200P GEA 114

PBH 361P PUBLIC HEALTH INTERNSHIP
Additional hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Includes a public health research project off campus at a public health practice agency or a graduate school of public health. May be repeated once for credit. Prerequisite: Biology 325 or 325H and Statistics and Data Sciences 328M (or Statistics and Scientific Computation 328M) with a grade of at leastC- in each; and completion and approval of an internship application, available online at the Public Health website.
• 52910 F 600 - 900P GEA 100 FIELD, L

PBH 379H HONORS TUTORIAL COURSE
Hour(s) to be arranged. May be repeated for credit. Supervised individual research on a special topic in public health, leading to an honors thesis and an oral presentation. May be based on laboratory, library, or field research. May be repeated once for credit. Prerequisite: Upper-division standing; a university grade point average of at least 3.0; admission to the public health honors program; and consent of the honors adviser.
• 52915

TXA 301 CLOTHING THE PLANET
Study of the role textiles and apparel play in human lives. Introduction to the textile and apparel industries, and the broad perspective and core skill sets that characterize the field. Subjects include terminology, fibers and fabrics, textile technology, product development through fashion design and retail merchandising, global sourcing and manufacturing, international promotion and marketing, and textile conservation, exhibition, and collection management.
• 52970 TTH 1230 - 200P BUR 116 BEGO, O

TXA 205 TEXTILES
Chemical and physical properties of fibers and yarns, fabric construction, and finishes. Prerequisite: Credit or registration for Textiles and Apparel 105L.
• 52975 MW 100 - 200P BUR 224 GIL FANDINO, L

TXA 105L TEXTILES LABORATORY
Prerequisite: Credit or registration for Textiles and Apparel 205.
• 52980 T 900 - 1200 GEA 200 GIL FANDINO, L
• 52985 TH 900 - 1200 GEA 200 GIL FANDINO, L
• 52990 TH 200 - 500P GEA 200 GIL FANDINO, L

April 3, 2018

course	unique	days	time	room	instructor

TXA 313 AESTHETICS: THEORY & PRACTICE
Introduction to the theoretical and practical aspects of the principles of design and visual literacy in the field of textiles and apparel. Introduction to the principles and theories that define what is aesthetically pleasing and the vocabulary necessary to identity, describe, and critique them.
• 52995 TTH 200 - 330P BUR 134 NICOLS, C

TXA 214K PRODUCT DEVELOPMENT
Introduction to all stages of product development involved in fashion and functional design. Emphasis on target market identification, cost analysis, material selection, and the organization of product development within the industry structure. Prerequisite: Concurrent registration for Textiles and Apparel 214L.
• 53000 TTH 1230 - 130P CLA 0.104 CIARLA, J

TXA 214L PRODUCT DEVELOPMENT LAB
Application of product development skills and strategies involved in fashion and functional design. Emphasis on target market identification, cost analysis, material selection, and the position of product development within the industry structure. Prerequisite: Concurrent registration for Textiles and Apparel 214K.
• 53005 MW 100 - 400P GEA 212 NICOLS, C
• 53010 TTH 330 - 630P GEA 212 NICOLS, C

TXA 316L APPAREL I
Additional hour(s) to be arranged. Industrial techniques of pattern design and garment construction.
• 53015 TTH 930 - 1230P GEA 211 CHOVAN, G

TXA 219C APPLD ART IN VISUAL PRESENTATN
Applied principles and elements of design as related to merchandise presentation, visual display, store layout, and space planning. Students with credit for Textiles and Apparel 319 may not earn credit for Textiles and Apparel 219C or 119L. Prerequisite: Textiles and Apparel 313 with a grade of at least C-.
• 53020 MW 900 - 1000 GEA 403 STEWART, S

TXA 119L APPLD ART IN VISL PRESENT LAB
Application of the principles and elements of design as related to merchandise presentation, display planning, execution, and coordination. Students with credit for Textiles and Apparel 319 may not earn credit for Textiles and Apparel 119L. Prerequisite: Credit with a grade of at least C- or registration for Textiles and Apparel 219C.
• 53025 M 1000 - 100P GEA 227 STEWART, S
• 53030 W 400 - 700P GEA 227 STEWART, S

TXA 325L HIST OF DRESS/CULTRL CHANGE I
Social, economic, aesthetic, and political aspects of costume evolution from ancient times through the Renaissance. Textiles and Apparel 325K and 325L may not both be counted. Prerequisite: Upper-division standing.
• 53035 TTH 800 - 930 BUR 220 CHOVAN, G

TXA 126 APPAREL II
Advanced apparel construction techniques using industry standards and portfolio development. Prerequisite: Textiles and Apparel 316L with a grade of at least C- and credit or registration for Textiles and Apparel 226L.
• 53040 W 1200 - 100P GEA 100 BEGO, O

TXA 226L APPAREL II LABORATORY
Advanced apparel construction techniques using industry standards and portfolio development. Prerequisite: Credit or registration for Textiles and Apparel 126.
• 53045 MW 900 - 1200 GEA 211 BEGO, O
• 53050 MW 200 - 500P GEA 211 BEGO, O

TXA 327 CLOTHING AND HUMAN BEHAVIOR
The social, psychological, and nonverbal significance of clothing and the influence of clothing on behavior. Prerequisite: Three semester hours of coursework in psychology, sociology, or the School of Human Ecology.
• 53055 TTH 330 - 500P GEA 100 REED, J

TXA 328 RSCH METHS IN TEXTILES/APPAREL
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Basic research methodology and academic writing. Prerequisite: Upper-division standing, completion of an introductory statistics course, and Textiles and Apparel 205 and 105L with a grade of at least C- in each.
• 53060 MWF 900 - 1000 GEA 100 POLSTON, K

TXA 331 TEXTL & APPAREL IN GLOBAL MKT
Overview of the textiles and apparel industry including apparel industry standards, labor costs, economics, distribution, and structure in the modern global marketplace. Subjects include the analysis of consumption patterns and retailing systems to inform product development; exploring cross-cultural comparisons between global consumer markets; understanding importing and exporting systems and other procedures involved in modern supply chain activities; and grasping the collaborative nature of innovation and design, manufacturing and distribution, retailing, and customer satisfaction leading to sales in the global market. Prerequisite: Upper-division standing.
• 53065 MWF 1200 - 100P BUR 130 BLUM, P

TXA 350 ADV APPAREL DESIGN PORTFOLIO
Extensive sociological, cultural, and historic visual research for apparel design. Through a range of projects that incorporate computer-aided design, product illustration, technical packets, proposed production plans, and target market identification, students will produce a professional level, hard copy and online, portfolio that will help prepare them for a career in the apparel industry. Prerequisite: Upper-division standing; Textiles and Apparel 164K (Topic 1) and 264L (Topic 1); and admission to the Apparel Design Internship Program.
• 53070 TTH 1230 - 200P GEA 212 NICOLS, C

TXA 151 PRE-INTERNSHIP SEMINAR
Preparation course for students seeking internships. Subjects include application, internship interview process, effective professional communication, ethical decision making, leadership development, site expectations, and the impact of business environments on personal and career effectiveness in the field of textiles and apparel. Prerequisite: Upper-division standing, Textiles and Apparel 301, 205, 105L, 214K, 214L, 316Q, 219C, 119L, and 376.
• 53075 M 400 - 600P GEA 100 PRIDEAUX, N

TXA 352M FIELD EXPER IN RETAIL MERCH
Hour(s) to be arranged. Application of merchandising techniques and principles in a professional environment. Prerequisite: Admission to the Retail Merchandising Internship Program.
• 53080 PRIDEAUX, N

TXA 353 FIELD EXPERIENCE I
Hour(s) to be arranged. Application of merchandising strategic planning in a professional environment with faculty and site director supervision. Textiles and Apparel 315K and Textiles and Apparel 353 may not both be counted. Prerequisite: Admission to the Retail Merchandising Internship Program.
• 53085 PRIDEAUX, N

TXA 355 DIGTL MEDIA MARKETING/DEVEL
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Intensive study of selected problems of an interdisciplinary nature. Prerequisite: Consent of instructor.
• 53090

RSCH IN TEXTILES AND APPAREL
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Intensive study of selected problems of an interdisciplinary nature. Prerequisite: Consent of instructor.
• 53095

RSRCH SOCL ASPECTS CLOTHING
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Intensive study of selected problems of an interdisciplinary nature. Prerequisite: Consent of instructor.
• 53100

TXA 355C COMP-AIDED DESIGN FOR APPAREL
Additional hour(s) to be arranged. Computer technology used to create textile prints, weaves, illustrations, flat patterns, promotional pieces, and pattern markers. Prerequisite: Textiles and Apparel 205 and 105L with a grade of at least C- in each; and credit with a grade of at least C- or registration for Textiles and Apparel 164K (Topic 1: Flat Pattern) and 264L (Topic 1: Flat Pattern).
• 53105 TTH 930 - 1230P GEA 247 CIARLA, J

TXA 355P PROBS IN RETAIL MERCHANDISING
Hour(s) to be arranged. Intensive study of selected problems related to field experience; development of analytical and problem-solving skills for retailing. Prerequisite: Admission to the Retail Merchandising Internship Program.
• 53110 STEWART, S

TXA 260L ADVANCED TEXTILES
Composition, structure, and properties of textile products; contributions of textile research. Prerequisite: Textiles and Apparel 205 and 105L; Chemistry 301, 302, and204; six semester hours of upper-division coursework in textiles and apparel with a grade of at least C- in each course; and credit with a grade of at least C- or registration for Textiles and Apparel 260M.
• 53115 MW 100 - 200P GEA 127 CHEN, J

TXA 260M ADVANCED TEXTILES LABORATORY
Analysis and evaluation of textile performance. Prerequisite: Credit or registration for Textiles and Apparel 260L.
• 53120 MW 1000 - 1200 GEA 200 GIL FANDINO, L
F 100 - 300P GEA 403
• 53125 MW 200 - 400P GEA 200 CHEN, J
F 100 - 300P GEA 403

TXA 164K 2-DRAPING
Course number may be repeated for credit when the topics vary. Creative application of flat pattern or draping processes. Prerequisite: Textiles and Apparel 212K, 212L, 316L, 126, and 226L, witha grade of at least C- in each; and credit with a grade of at least C- or registration for the same topic of Textiles and Apparel 264L.
• 53130 TTH 200 - 230P GEA 125 BEGO, O

TXA 264L 2-DRAPING
Course number may be repeated for credit when the topics vary. Prerequisite: Credit with a grade of at least C- or registration for thesame topic of Textiles and Apparel 164K.
• 53135 TTH 230 - 530P GEA 211 CHOVAN, G
• 53140 TTH 230 - 530P GEA 241 CIARLA, J

TXA 365 SUSTAINABLE FASHION/TEXTILES
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Additional prerequisites vary with the topic.
• 53144 W 300 - 600P GEA 100 BLUM, P

April 3, 2018

course	unique	days	time	room	instructor

TXA 377 MERCHANDISING SYSTEMS-WB
Hour(s) to be arranged. Application course focusing on the calculation and analysis of the selling price, profitability, assortment planning, purchasing, and inventory control. Includes spreadsheet application and exercises. Prerequisite: Upper-division standing; Textiles and Apparel 301, 205, 105L, 214K, 214L, 316Q, 219C, 119L, 151, and 376; and admission to the Retail Merchandising Internship Program. Taught as a Web-based course.
• 53145 BLUM, P

DEPARTMENT OF MARINE SCIENCE

Marine Science - MNS

MNS 101 SEMINAR IN MARINE SCIENCE
Overview of the depth and breadth of marine and freshwater science. Introduction to research opportunities at the university. Biology 101C (Topic: Seminar in Marine Science) and Marine Science 101 may not both be counted. Prerequisite: None
• 53200 W 1200 - 100P WCH 1.110 DUNTON, K

MNS 307 INTRODUCTION TO OCEANOGRAPHY
Introduction to the sciences of oceanography: geological, physical, and biological. Marine Science 307 and Geological Sciences 307 may not both be counted.
• 53205 MW 900 - 1000 CAL 100 MIN, D
T 800 - 1000 BIO 12H
• 53210 MW 900 - 1000 CAL 100 MIN, D
W 1000 - 1200 BIO 12H
• 53215 MW 900 - 1000 CAL 100 MIN, D
W 1200 - 200P BIO 12H
• 53220 MW 900 - 1000 CAL 100 MIN, D
T 100 - 300P BIO 12H
• 53225 MW 900 - 1000 CAL 100 MIN, D
W 200 - 400P BIO 12H
• 53230 MW 900 - 1000 CAL 100 MIN, D
TH 200 - 400P BIO 12H
• 53235 MW 900 - 1000 CAL 100 MIN, D
T 300 - 500P BIO 12H

MNS 310 FUNDAMENTALS OF MARINE SCIENCE
Designed for students pursuing a degree option in Marine and Freshwater Science. In-depth introduction to physical, chemical, geological, and biological processes in marine systems. Prerequisite: The following with a grade of at least a C- in each: Biology 311D or 315H, or 301L and 301M; and Chemistry 302 or 302H, or Chemistry 304K and 305.
• 53240 MW 1030 - 1200 BIO 214 MIN, D

MNS 320 MARINE ECOLOGY
Study of ecological processes at different levels of integration in marine ecosystems. Prerequisite: Biology 311D, and Chemistry 302 or 302H. meets with MNS 320.
• 53245 MW 330 - 500P SZB 296 MIN, D
• 53250 MW 330 - 500P SZB 296 MIN, D

MNS 120L LAB STUDIES IN MARINE ECOLOGY
Hour(s) to be arranged. Designed to accommodate 35 or fewer students. A laboratory course with two weekend field trips to the Marine Science Institute at Port Aransas to perform ecological studies in the Texas coastal zone. Prerequisite: Credit or registration for Marine Science 320. Mandatory pre-field trip lab 4pm-5pm Wednesday, August 29 in FNT 1.104. Mandatory field trip September 15 and September 29 at the University of Texas Marine Science Institute in Port Aransas, Texas. Students must con sult with department as travel dates are in addition to these dates.
• 53255 MCCLELLAND, J

LAB STUDIES IN MARINE ECOLOGY
Hour(s) to be arranged. Designed to accommodate 35 or fewer students. A laboratory course with two weekend field trips to the Marine Science Institute at Port Aransas to perform ecological studies in the Texas coastal zone. Prerequisite: Credit or registration for Marine Science 320. Mandatory pre-field trip lab 4pm-5pm Wednesday, August 29 in FNT 1.104. Mandatory field trip September 22 and October 6 at the University of Texas Marine Science Institute in Port Aransas, Texas. Students must consul t with department as travel dates are in addition to these dates.
• 53260 MCCLELLAND, J

MNS 170 SPECIAL STDS IN MARINE SCIENCE
Hour(s) to be arranged. May be repeated for credit. Supervised individual instruction and research in marine science field and laboratory techniques. Prerequisite: Six semester hours of upper-division coursework in science, and a University grade point average of at least 2.50.
• 53265

MNS 270 SPECIAL STDS IN MARINE SCIENCE
Hour(s) to be arranged. May be repeated for credit. Supervised individual instruction and research in marine science field and laboratory techniques. Prerequisite: Six semester hours of upper-division coursework in science, and a University grade point average of at least 2.50.
• 53270

MNS 370 SPECIAL STDS IN MARINE SCIENCE
Hour(s) to be arranged. May be repeated for credit. Supervised individual instruction and research in marine science field and laboratory techniques. Prerequisite: Six semester hours of upper-division coursework in science, and a University grade point average of at least 2.50.
• 53275

MNS 180 RESEARCH IN MARINE SCIENCE
Hour(s) to be arranged. May be repeated for credit. Restricted to students in marine science. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 53280

MNS 380 RESEARCH IN MARINE SCIENCE
Hour(s) to be arranged. May be repeated for credit. Restricted to students in marine science. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 53285

MNS 680 RESEARCH IN MARINE SCIENCE
Hour(s) to be arranged. May be repeated for credit. Restricted to students in marine science. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 53290

MNS 481C MARINE ECOSYSTEM DYNAMICS
Interactions between organisms and the physical processes that regulate productivity and distribution of marine life in oceanic and coastal ecosystems. Prerequisite: Graduate standing; and either consent of instructor or thefollowing: six semester hours of coursework in biological sciences chosen from Biology 311C, 311D, and the equivalent; and Chemistry 301 and 302, or the equivalent. Partially taught as a Web-based course.
• 53295 MW 900 - 1030 FNT 1.104 DUNTON, K
F 900 - 1000 FNT 1.104

MARINE ECOSYSTEM DYNAMICS
Restricted enrollment; contact the department for permission to register for this class. Interactions between organisms and the physical processes that regulate productivity and distribution of marine life in oceanic and coastal ecosystems. Prerequisite: Graduate standing; and either consent of instructor or thefollowing: six semester hours of coursework in biological sciences chosen from Biology 311C, 311D, and the equivalent; and Chemistry 301 and 302, or the equivalent. Taught at the Marine Science Institute in Port Aransas, Texas. Partially taught as a Web-based course.
• 53300 MW 900 - 1030 S06 201C BUSKEY, E
F 900 - 1000 S06 201C

MNS 482C MARINE BIOGEOCHEMISTRY
Study of chemical, biological, geological, and physical processes that influence cycling of bioactive elements in marine waters and sediments. Prerequisite: Graduate standing; and either consent of instructor or thefollowing: Physical Science 303 and 304, or the equivalent; Chemistry 301, and 302 or the equivalent; and six semester hours of coursework in biological sciences chosen from Biology 311C, 311D, and the equivalent. Partially taught as a Web-based course.
• 53305 MW 1030 - 1200 FNT 1.104 LIU, Z
F 1000 - 1100 FNT 1.104

MARINE BIOGEOCHEMISTRY
Study of chemical, biological, geological, and physical processes that influence cycling of bioactive elements in marine waters and sediments. Prerequisite: Graduate standing; and either consent of instructor or thefollowing: Physical Science 303 and 304, or the equivalent; Chemistry 301, and 302 or the equivalent; and six semester hours of coursework in biological sciences chosen from Biology 311C, 311D, and the equivalent. Taught at the Marine Science Institute in Port Aransas, Texas. Partially taught as a Web-based course.
• 53310 MW 1030 - 1200 S06 201C LIU, Z
F 1000 - 1100 S06 201C

MNS 193 FISHERIES OCEANOGRAPHY
Course number may be repeated for credit when the topics vary. Lecture, laboratory, and fieldwork. Prerequisite: Graduate standing and consent of instructor. Topic description: Examines the influences of climate forcing and human activity on fish populations and marine ecosystems. Taught at the Marine Science Institute in Port Aransas, Texas.
• 53315 T 900 - 1000 S06 201C BLACK, B

PHYTOPLANKTON POPUL PROCESSES
Course number may be repeated for credit when the topics vary. Lecture, laboratory, and fieldwork. Prerequisite: Graduate standing and consent of instructor. Topic description: Examines the processes that affect the genetic structure of phytoplankton populations with a primary focus on intraspecific genetic diversity. Taught at the Marine Science Institute in Port Aransas , Texas.
• 53320 TH 900 - 1000 S06 201C ERDNER, D

REPRODUCTIVE PHYS OF FISH
Course number may be repeated for credit when the topics vary. Lecture, laboratory, and fieldwork. Prerequisite: Graduate standing and consent of instructor. Topic description: Discusses environmental and endocrine control of reproduction in teleost fishes including the role of hypothalamus/pituitary/gonadal axis, neuroendocrine pathways, genomic and nongenomic steroid ac tions, ovarian cycle, and gamete physiology. Taught at the Marine Science Institute in Port Aransas, Texas.
• 53325 T 1100 - 1200 S06 201C THOMAS, P

April 3, 2018

MNS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in marine science and consent of the graduate adviser; for 698B, Marine Science 698A.
• 53330

MNS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in marine science and consent of the graduate adviser; for 698B, Marine Science 698A.
• 53335

MNS 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 53340

MNS 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 53345

MNS 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 53350

MNS 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Marine Science 399R, 699R, or 999R.
• 53355

MNS 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Marine Science 399R, 699R, or 999R.
• 53360

MNS 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Marine Science 399R, 699R, or 999R.
• 53365

DEPARTMENT OF MATHEMATICS

Actuarial Foundations - ACF
Mathematics - M

M 302 INTRODUCTION TO MATHEMATICS
Intended primarily for general liberal arts students seeking knowledge of the nature of mathematics as well as training in mathematical thinking and problem solving. Topics include number theory and probability; additional topics are chosen by the instructor. Mathematics 302 and 303F may not both be counted. A student may not earncredit for Mathematics 302 after having received credit for any calculuscourse. May not be counted toward a degree in the College of Natural Sciences. Prerequisite: Texas Success Initiative (TSI) exemption or a TSI Mathematics Assessment score of 350 or higher.

• 53420	MWF	900 - 1000	CPE 2.208	

INTRODUCTION TO MATHEMATICS
Designed to accommodate 100 or more students. Intended primarily for general liberal arts students seeking knowledge of the nature of mathematics as well as training in mathematical thinking and problem solving. Topics include number theory and probability; additional topics are chosen by the instructor. Mathematics 302 and 303F may not both be counted. A student may not earncredit for Mathematics 302 after having received credit for any calculuscourse. May not be counted toward a degree in the College of Natural Sciences. Prerequisite: Texas Success Initiative (TSI) exemption or a TSI Mathematics Assessment score of 350 or higher.

• 53425	MWF	1000 - 1100	CPE 2.214	

INTRODUCTION TO MATHEMATICS
Intended primarily for general liberal arts students seeking knowledge of the nature of mathematics as well as training in mathematical thinking and problem solving. Topics include number theory and probability; additional topics are chosen by the instructor. Mathematics 302 and 303F may not both be counted. A student may not earncredit for Mathematics 302 after having received credit for any calculuscourse. May not be counted toward a degree in the College of Natural Sciences. Prerequisite: Texas Success Initiative (TSI) exemption or a TSI Mathematics Assessment score of 350 or higher.

• 53430	MWF	1200 - 100P	RLM 4.102	
• 53435	MWF	100 - 200P	CPE 2.208	

M 305G PREPARATION FOR CALCULUS-CNS
Study of advanced functions and their graphs and applications, includingexponential, logarithmic, and trigonometric functions. Introduction to rates, slopes, and derivatives. Mathematics 305G and any college-level trigonometry course may not both be counted. A student may not earn credit for Mathematics 305G after having received credit for any calculus course with a grade of at least C-. Mathematic 301, 305G, and equivalent courses may not be counted toward a degree in mathematics. Prerequisite: An appropriate score on the mathematics placement exam.

• 53440	MWF	1200 - 100P	CPE 2.214	
	TH	400 - 500P	RLM 5.104	

PREPARATION FOR CALCULUS-CNS
Study of advanced functions and their graphs and applications, includingexponential, logarithmic, and trigonometric functions. Introduction to rates, slopes, and derivatives. Mathematics 305G and any college-level trigonometry course may not both be counted. A student may not earn credit for Mathematics 305G after having received credit for any calculus course with a grade of at least C-. Mathematic 301, 305G, and equivalent courses may not be counted toward a degree in mathematics. Prerequisite: An appropriate score on the mathematics placement exam. Restricted to College of Natural Sciences students in the Gateway Scholars Program and Texas Interdisciplinary Plan.

• 53450	MWF	1200 - 100P	CPE 2.214	
	TH	200 - 300P	CPE 2.220	

PREPARATION FOR CALCULUS-CNS
Designed to accommodate 100 or more students. Study of advanced functions and their graphs and applications, includingexponential, logarithmic, and trigonometric functions. Introduction to rates, slopes, and derivatives. Mathematics 305G and any college-level trigonometry course may not both be counted. A student may not earn credit for Mathematics 305G after having received credit for any calculus course with a grade of at least C-. Mathematic 301, 305G, and equivalent courses may not be counted toward a degree in mathematics. Prerequisite: An appropriate score on the mathematics placement exam. Restricted to College of Natural Sciences students.

• 53455	MWF	1000 - 1100	SZB 104	
	T	1000 - 1100	RLM 6.104	

PREPARATION FOR CALCULUS-CNS
Study of advanced functions and their graphs and applications, includingexponential, logarithmic, and trigonometric functions. Introduction to rates, slopes, and derivatives. Mathematics 305G and any college-level trigonometry course may not both be counted. A student may not earn credit for Mathematics 305G after having received credit for any calculus course with a grade of at least C-. Mathematic 301, 305G, and equivalent courses may not be counted toward a degree in mathematics. Prerequisite: An appropriate score on the mathematics placement exam. Restricted to College of Natural Sciences students.

• 53460	MWF	1100 - 1200	CPE 2.208	
	TH	900 - 1000	RLM 7.114	
• 53465	MWF	1100 - 1200	CPE 2.208	
	TH	1000 - 1100	RLM 6.104	
• 53470	MWF	100 - 200P	CLA 0.130	
	T	200 - 300P	CPE 2.212	
• 53475	MWF	100 - 200P	CLA 0.130	
	T	400 - 500P	RLM 5.104	

M 408C DIFFEREN AND INTEGRAL CALCULUS
Introduction to the theory and applications of differential and integralcalculus of functions of one variable; topics include limits, continuity, differentiation, the mean value theorem and its applications, integration, the fundamental theorem of calculus, and transcendental functions. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-

• 53490	TTH	800 - 930	CPE 2.214	
	MW	800 - 900	RLM 6.104	
• 53495	TTH	800 - 930	CPE 2.214	
	MW	1100 - 1200	ECJ 1.204	

DIFFEREN AND INTEGRAL CALCULUS
Designed to accommodate 100 or more students. Introduction to the theory and applications of differential and integralcalculus of functions of one variable; topics include limits, continuity, differentiation, the mean value theorem and its applications, integration, the fundamental theorem of calculus, and transcendental functions. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-

• 53500	TTH	930 - 1100	RLM 4.102	TREISMAN, P
	MW	800 - 900	SZB 370	
• 53505	TTH	930 - 1100	RLM 4.102	TREISMAN, P
	MW	500 - 600P	SZB 370	
• 53510	MWF	1000 - 1100	ETC 2.108	NEITZKE, A
	TTH	1100 - 1200	CPE 2.216	
• 53515	MWF	1000 - 1100	ETC 2.108	NEITZKE, A
	TTH	400 - 500P	CPE 2.206	
• 53520	MWF	1100 - 1200	ETC 2.108	NEITZKE, A
	TTH	800 - 900	CPE 2.212	
• 53525	MWF	1100 - 1200	ETC 2.108	NEITZKE, A
	TTH	330 - 430P	CPE 2.212	

DIFFEREN AND INTEGRAL CALCULUS
Introduction to the theory and applications of differential and integralcalculus of functions of one variable; topics include limits, continuity, differentiation, the mean value theorem and its applications, integration, the fundamental theorem of calculus, and transcendental functions. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-

• 53530	TTH	1100 - 1230P	RLM 4.102	CHEN, T
	MW	1000 - 1100	ECJ 1.204	
• 53535	TTH	1100 - 1230P	RLM 4.102	CHEN, T
	MW	100 - 200P	CPE 2.206	
• 53540	TTH	1230 - 200P	RLM 4.102	
	MW	1200 - 100P	RLM 6.104	

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course	unique	days	time	room	instructor
	• 53545	TTH	1230 - 200P	RLM 4.102	
		MW	400 - 500P	RLM 6.104	

DIFFEREN AND INTEGRAL CALCULUS

Designed to accommodate 100 or more students. Introduction to the theory and applications of differential and integralcalculus of functions of one variable; topics include limits, continuity, differentiation, the mean value theorem and its applications, integration, the fundamental theorem of calculus, and transcendental functions. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-

course	unique	days	time	room	instructor
	• 53550	MWF	100 - 200P	ETC 2.108	
		TTH	1230 - 130P	PAR 203	
	• 53555	MWF	100 - 200P	ETC 2.108	
		TTH	500 - 600P	CPE 2.212	

DIFFEREN AND INTEGRAL CALCULUS

Introduction to the theory and applications of differential and integralcalculus of functions of one variable; topics include limits, continuity, differentiation, the mean value theorem and its applications, integration, the fundamental theorem of calculus, and transcendental functions. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-

course	unique	days	time	room	instructor
	• 53560	MWF	200 - 300P	CLA 0.126	
		TTH	200 - 300P	CPE 2.210	
	• 53565	MWF	200 - 300P	CLA 0.126	
		TTH	330 - 430P	CPE 2.204	
	• 53570	TTH	200 - 330P	CLA 0.130	
		MW	200 - 300P	RLM 5.104	
	• 53575	TTH	200 - 330P	CLA 0.130	
		MW	400 - 500P	RLM 7.104	

DIFFEREN AND INTEGRAL CALCULUS

Designed to accommodate 100 or more students. Introduction to the theory and applications of differential and integralcalculus of functions of one variable; topics include limits, continuity, differentiation, the mean value theorem and its applications, integration, the fundamental theorem of calculus, and transcendental functions. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-

course	unique	days	time	room	instructor
	• 53580	MWF	300 - 400P	PHR 2.110	
		TTH	930 - 1030	BUR 136	
	• 53585	MWF	300 - 400P	PHR 2.110	
		TTH	100 - 200P	CLA 1.104	

DIFFEREN AND INTEGRAL CALCULUS

Introduction to the theory and applications of differential and integralcalculus of functions of one variable; topics include limits, continuity, differentiation, the mean value theorem and its applications, integration, the fundamental theorem of calculus, and transcendental functions. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-

course	unique	days	time	room	instructor
	• 53590	TTH	330 - 500P	CLA 0.130	
		MW	100 - 200P	CPE 2.220	
	• 53595	TTH	330 - 500P	CLA 0.130	
		MW	300 - 400P	RLM 5.104	
	• 53600	MWF	400 - 500P	CPE 2.214	
		TTH	1000 - 1100	WAG 420	
	• 53605	MWF	400 - 500P	CPE 2.214	
		TTH	1230 - 130P	BUR 130	

M 408D SEQ/SER/MULTIVAR CALC-AP-HON

This is the second semester of the accelerated calculus sequence. The theory and applications of sequences and infinite series, including those involving functions of one variable, and an introduction to the theory and applications of differential and integral calculus of functions of several variables; subjects include methods of integration, parametric equations, sequences, infinite series, power series, functions of several variables, partial derivatives, and multiple integrals. Only one of the following may be counted: Mathematics 403L, 408D, 408M (or 308M). Certain sections of this course are designated as advanced placement or honors sections; they are restricted to students who have scored well on the Advanced Placement Calculus BC exam or have the consent of the mathematics adviser. Prerequisite: Mathematics 408C, 408L, or 408S with a grade of at least C-.

course	unique	days	time	room	instructor
	• 53610	MWF	900 - 1000	CLA 0.130	PERUTZ, T
		TTH	300 - 400P	CPE 2.206	
	• 53615	MWF	900 - 1000	CLA 0.130	PERUTZ, T
		TTH	500 - 600P	CPE 2.206	

SEQ, SERIES, AND MULTIVAR CALC

Designed to accommodate 100 or more students. This is the second semester of the accelerated calculus sequence. The theory and applications of sequences and infinite series, including those involving functions of one variable, and an introduction to the theory and applications of differential and integral calculus of functions of several variables; subjects include methods of integration, parametric equations, sequences, infinite series, power series, functions of several variables, partial derivatives, and multiple integrals. Only one of the following may be counted: Mathematics 403L, 408D, 408M (or 308M). Certain sections of this course are designated as advanced placement or honors sections; they are restricted to students who have scored well on the Advanced Placement Calculus BC exam or have the consent of the mathematics adviser. Prerequisite: Mathematics 408C, 408L, or 408S with a grade of at least C-.

course	unique	days	time	room	instructor
	• 53620	MWF	800 - 900	RLM 4.102	
		TTH	830 - 930	CLA 1.106	
	• 53625	MWF	800 - 900	RLM 4.102	
		TTH	1100 - 1200	RLM 7.104	

SEQ, SERIES, AND MULTIVAR CALC

This is the second semester of the accelerated calculus sequence. The theory and applications of sequences and infinite series, including those involving functions of one variable, and an introduction to the theory and applications of differential and integral calculus of functions of several variables; subjects include methods of integration, parametric equations, sequences, infinite series, power series, functions of several variables, partial derivatives, and multiple integrals. Only one of the following may be counted: Mathematics 403L, 408D, 408M (or 308M). Certain sections of this course are designated as advanced placement or honors sections; they are restricted to students who have scored well on the Advanced Placement Calculus BC exam or have the consent of the mathematics adviser. Prerequisite: Mathematics 408C, 408L, or 408S with a grade of at least C-.

course	unique	days	time	room	instructor
	• 53630	TTH	800 - 930	RLM 4.102	
		MW	100 - 200P	RLM 5.104	
	• 53635	TTH	800 - 930	RLM 4.102	
		MW	300 - 400P	CPE 2.210	
	• 53640	TTH	930 - 1100	CPE 2.214	
		MW	1200 - 100P	RLM 7.104	
	• 53645	TTH	930 - 1100	CPE 2.214	
		MW	200 - 300P	CPE 2.206	
	• 53650	MWF	1000 - 1100	RLM 4.102	DAVIS, K
		TTH	200 - 300P	CPE 2.206	
	• 53655	MWF	1000 - 1100	RLM 4.102	DAVIS, K
		TTH	400 - 500P	CPE 2.210	
	• 53660	MWF	1100 - 1200	RLM 4.102	DAVIS, K
		TTH	100 - 200P	SZB 370	
	• 53665	MWF	1100 - 1200	RLM 4.102	DAVIS, K
		TTH	300 - 400P	WAG 214	
	• 53670	TTH	1100 - 1230P	ETC 2.108	
		MW	1100 - 1200	RLM 7.104	
	• 53675	TTH	1100 - 1230P	ETC 2.108	
		MW	400 - 500P	CPE 2.210	
	• 53680	MWF	100 - 200P	RLM 4.102	
		TTH	1230 - 130P	PAR 1	
	• 53685	MWF	100 - 200P	RLM 4.102	
		TTH	400 - 500P	RLM 6.104	
	• 53690	MWF	200 - 300P	RLM 4.102	
		TTH	1000 - 1100	RLM 7.114	
	• 53695	MWF	200 - 300P	RLM 4.102	
		TTH	200 - 300P	ART 1.120	
	• 53700	TTH	200 - 330P	RLM 4.102	
		MW	800 - 900	RLM 5.104	
	• 53705	TTH	200 - 330P	RLM 4.102	
		MW	300 - 400P	CLA 1.106	
	• 53710	TTH	330 - 500P	RLM 4.102	
		MW	1000 - 1100	PAR 1	
	• 53715	TTH	330 - 500P	RLM 4.102	
		MW	400 - 500P	CPE 2.220	

M 408K DIFFERENTIAL CALCULUS

Introduction to the theory and applications of differential calculus of functions of one variable; topics include limits, continuity, differentiation, and the mean value theorem and its applications. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-. Mandatory exams 7pm-9pm Tuesdays, October 2, October 30, and December 4.

course	unique	days	time	room	instructor
	• 53720	MWF	900 - 1000		
		TTH	100 - 200P		
	• 53725	MWF	900 - 1000		
		TTH	500 - 600P		
	• 53730	MWF	1100 - 1200	CLA 0.126	STARBIRD, M
		TTH	300 - 400P	RLM 7.114	
	• 53735	MWF	1100 - 1200	CLA 0.126	STARBIRD, M
		TTH	400 - 500P	BUR 112	
	• 53740	MWF	1200 - 100P	CLA 0.130	
		TTH	830 - 930	ECJ 1.204	
	• 53745	MWF	1200 - 100P	CLA 0.130	
		TTH	1230 - 130P	ECJ 1.308	
	• 53750	TTH	200 - 330P	CPE 2.214	
		MW	1100 - 1200	BUR 134	
	• 53755	TTH	200 - 330P	CPE 2.214	
		MW	200 - 300P	RLM 6.104	
	• 53760	MWF	300 - 400P	PAI 2.48	
		TTH	900 - 1000	WAG 420	
	• 53765	MWF	300 - 400P	PAI 2.48	
		TTH	1100 - 1200	WRW 113	

DIFFERENTIAL CALCULUS

Introduction to the theory and applications of differential calculus of functions of one variable; topics include limits, continuity, differentiation, and the mean value theorem and its applications. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement

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exam or Mathematics 305G with a grade of at least B-. Mandatory exams 7pm-9pm Tuesdays, October 2, October 30, December 4.

• 53770	MWF	1000 - 1100		
	TTH	800 - 900		
• 53775	MWF	1000 - 1100		
	TTH	500 - 600P		

DIFFERENTIAL CALCULUS

Introduction to the theory and applications of differential calculus of functions of one variable; topics include limits, continuity, differentiation, and the mean value theorem and its applications. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-. Mandatory exams 7pm-9pm Tuesdays, October 2, October 30, and December 4.

• 53778	TTH	930 - 1100	GSB 2.126	
	MW	300 - 400P	RLM 7.104	
• 53779	TTH	930 - 1100	GSB 2.126	
	MW	100 - 200P	PAR 201	

M 408L INTEGRAL CALCULUS

Introduction to the theory and applications of integral calculus of functions of one variable; topics include integration, the fundamental theorem of calculus, transcendental functions, sequences, and infinite series. Only one of the following may be counted: Mathematics 403L, 408L (or 308L), 408S. Prerequisite: Mathematics 408C, 408K, or 408N with a grade of at least C-, or Mathematics 408R with a grade of at least B. Mandatory exams 7pm-9pm Tuesdays, October 2, October 30, and December 4.

• 53780	TTH	1230 - 200P	PHR 2.110	
	MW	100 - 200P	PAR 1	
• 53785	TTH	1230 - 200P	PHR 2.110	
	MW	300 - 400P	RLM 6.104	
• 53790	MWF	200 - 300P	ECJ 1.202	
	TTH	100 - 200P	RLM 7.116	
• 53795	MWF	200 - 300P	ECJ 1.202	
	TTH	330 - 430P	BUR 136	

INTEGRAL CALCULUS

Designed to accommodate 100 or more students. Introduction to the theory and applications of integral calculus of functions of one variable; topics include integration, the fundamental theorem of calculus, transcendental functions, sequences, and infinite series. Only one of the following may be counted: Mathematics 403L, 408L (or 308L), 408S. Prerequisite: Mathematics 408C, 408K, or 408N with a grade of at least C-, or Mathematics 408R with a grade of at least B. Mandatory exams 7pm-9pm Tuesdays, October 2, October 30, and December 4.

• 53808	MWF	300 - 400P	CPE 2.214	
	TTH	800 - 900	RLM 5.104	
• 53809	MWF	300 - 400P	CPE 2.214	
	TTH	400 - 500P	RLM 7.116	

M 408M MULTIVARIABLE CALCULUS

Introduction to the theory and applications of differential and integral calculus of functions of several variables. Includes parametric equations, polar coordinates, vectors, vector calculus, functions of several variables, partial derivatives, gradients, and multiple integrals. Only one of the following may be counted: Mathematics 403L, 408D, 408M (or 308M). Prerequisite: Mathematics 408L or 408S with a grade of at least C-.

• 53810	TTH	930 - 1100		LUECKE, J
	MW	100 - 200P		
• 53815	TTH	930 - 1100		LUECKE, J
	MW	300 - 400P		
• 53820	MWF	1200 - 100P	CLA 0.126	
	TTH	200 - 300P	RLM 7.116	
• 53825	MWF	1200 - 100P	CLA 0.126	
	TTH	400 - 500P	BUR 108	

MULTIVARIABLE CALCULUS

Designed to accommodate 100 or more students. Introduction to the theory and applications of differential and integral calculus of functions of several variables. Includes parametric equations, polar coordinates, vectors, vector calculus, functions of several variables, partial derivatives, gradients, and multiple integrals. Only one of the following may be counted: Mathematics 403L, 408D, 408M (or 308M). Prerequisite: Mathematics 408L or 408S with a grade of at least C-.

• 53827	MWF	300 - 400P	WRW 102	
	TTH	500 - 600P	RLM 6.104	
• 53828	MWF	300 - 400P	WRW 102	
	TTH	100 - 200P	WRW 113	

M 408N DIFFEREN CALCULUS FOR SCIENCE

Introduction to the theory of differential calculus of functions of one variable, and its application to the natural sciences. Subjects may include limits and differentiation, with applications to rates of change, extremes, graphing, and exponential growth and decay. Only one of the following may be counted: Mathematics 403K, 408C, 408K, 408N. Restricted to students in the College of Natural Sciences. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-.

• 53830	TTH	930 - 1100	CPE 2.208	
	MW	1000 - 1100	PAR 201	
• 53835	TTH	930 - 1100	CPE 2.208	
	MW	300 - 400P	PAR 201	

M 408R DIFF & INTEG CALC FOR SCIENCES

Designed to accommodate 100 or more students. A calculus course for students in the life sciences. Emphasizes representations and analysis of data. Subjects include functions, rates,and derivatives and their applications to problems in biology; differential equations; Riemann integrals; the Euler method; and fundamental theorems of calculus. May not be counted by students with credit for Mathematics 408C, 408K, or 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-.

• 53850	MWF	900 - 1000	RLM 4.102	SADUN, L
	TTH	200 - 300P	CLA 0.128	
• 53855	MWF	900 - 1000	RLM 4.102	SADUN, L
	TTH	300 - 400P	CLA 0.128	

DIFF & INTEG CALC FOR SCIENCES

A calculus course for students in the life sciences. Emphasizes representations and analysis of data. Subjects include functions, rates,and derivatives and their applications to problems in biology; differential equations; Riemann integrals; the Euler method; and fundamental theorems of calculus. May not be counted by students with credit for Mathematics 408C, 408K, or 408N. Prerequisite: An appropriate score on the mathematics placement exam or Mathematics 305G with a grade of at least B-.

• 53860	MWF	100 - 200P	CPE 2.214	
	TTH	400 - 500P	CPE 2.218	
• 53865	MWF	100 - 200P	CPE 2.214	
	TTH	500 - 600P	CPE 2.216	

M 408S INTEGRAL CALCULUS FOR SCIENCE

Introduction to the theory of integral calculus of functions of one variable, and its applications to the natural sciences. Subjects may include integration and its application to area and volume, and transcendental functions, sequences, and series and their application tonumerical methods. Only one of the following may be counted: Mathematics 403L, 408L (or 308L), 408S. Restricted to students in the College of Natural Sciences. Prerequisite: Mathematics 408C, 408K, or 408N with a grade of at least C-, or Mathematics 408R with a grade of at least B.

• 53870	TTH	330 - 500P	PHR 2.110	
	MW	1100 - 1200	PAR 203	
• 53875	TTH	330 - 500P	PHR 2.110	
	MW	200 - 300P	PAR 203	

M 110C CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Written consent of instructor; forms are available in the department office or in the Mathematics, Physics, and Astronomy Advising Center.

• 53880

M 210C CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Written consent of instructor; forms are available in the department office or in the Mathematics, Physics, and Astronomy Advising Center.

• 53885

M 310C CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Written consent of instructor; forms are available in the department office or in the Mathematics, Physics, and Astronomy Advising Center.

• 53890

M 410C CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Written consent of instructor; forms are available in the department office or in the Mathematics, Physics, and Astronomy Advising Center.

• 53895

M 310P MODERN MATHEMATICS: PLAN II

Significant developments in modern mathematics. Topics may include fractals, the fourth dimension, statistics and society, and techniques for thinking about quantitative problems. May not be counted toward a degree in mathematics. Restricted to Plan II students.

• 53900	TTH	930 - 1100	CMA 3.114	KNOPF, D

M 315C FNDTNS, FUNCTS, REGRESN MODELS

Additional hour(s) to be arranged. In-depth study of topics from secondary school mathematics. Emphasizes the development of the concept of function, exploring function patterns in data sets, and the connections between the main topics of mathematics associated with a secondary school curriculum. Use of appropriate technology is explored. Prerequisite: Credit or registration for Mathematics 408C and enrollment in a teaching preparation program, or consent of instructor. meets with M 375T.

• 53905	TTH	930 - 1100	PAI 4.08	FITZPATRICK, D

M 316K FOUNDATIONS OF ARITHMETIC

An analysis, from an advanced perspective, of the concepts and algorithms of arithmetic, including sets; numbers; numeration systems; definitions, properties, and algorithms of arithmetic operations; and percents, ratios, and proportions. Problem solving is stressed. May not be counted toward the major requirement for the Bachelor of Arts, Plan I, degree with a major in mathematics or toward the Bachelor of Science in Mathematics degree. Credit for Mathematics 316K may not be earned after the student has received credit for any calculus course with a grade of C- or better, unless the student is registered in the College of Education. Restricted to students in a teacher preparation program. Prerequisite: One of the following with a grade of at least C-: Mathematics 301, 302, 303D, 305G, 316, Educational Psychology 371, Statistics and Data Sciences 302, 304, or 306.

• 53910	MWF	1100 - 1200	CPE 2.220	
• 53915	MWF	1000 - 1100	CPE 2.220	

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course	unique	days	time	room	instructor

M 316L FOUNDATNS OF GEOM, STAT, PROB

An analysis, from an advanced perspective, of the basic concepts and methods of geometry, statistics, and probability, including representation and analysis of data; discrete probability, random events, and conditional probability; measurement; and geometry as approached through similarity and congruence, through coordinates, and through transformations. Problem solving is stressed. May not be counted toward the major requirement for the Bachelor of Arts, Plan I, degree with a major in mathematics or toward the Bachelor of Science in Mathematics degree. Credit for Mathematics 316L may not be earned after the student has received credit for any calculus course with a grade of C- or better, unless the student is registered in the College of Education. Restricted to students in a teacher preparation program. Prerequisite: Mathematics 316K with a grade of at least C.

• 53920	TTH	930 - 1100	CPE 2.212	
• 53925	MWF	1200 - 100P	CLA 0.128	

M 325K DISCRETE MATHEMATICS

Provides a transition from the problem-solving approach of Mathematics 408C and 408D to the rigorous approach of advanced courses. Subjects include logic, set theory, relations and functions, combinatorics, and graph theory and graph algorithms. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 53930	MWF	900 - 1000	RLM 5.122	
• 53935	TTH	930 - 1100		
• 53940	TTH	930 - 1100	RLM 5.114	

DISCRETE MATHEMATICS

Provides a transition from the problem-solving approach of Mathematics 408C and 408D to the rigorous approach of advanced courses. Subjects include logic, set theory, relations and functions, combinatorics, and graph theory and graph algorithms. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-. Restricted to ECE majors.

• 53945	TTH	200 - 330P	UTC 4.124	LUECKE, J

DISCRETE MATHEMATICS

Provides a transition from the problem-solving approach of Mathematics 408C and 408D to the rigorous approach of advanced courses. Subjects include logic, set theory, relations and functions, combinatorics, and graph theory and graph algorithms. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 53950	MWF	1100 - 1200	RLM 5.122	
• 53955	MWF	1200 - 100P	RLM 5.114	
• 53960	MWF	100 - 200P	RLM 7.124	
• 53965	TTH	330 - 500P	RLM 5.114	

DISCRETE MATHEMATICS

Provides a transition from the problem-solving approach of Mathematics 408C and 408D to the rigorous approach of advanced courses. Subjects include logic, set theory, relations and functions, combinatorics, and graph theory and graph algorithms. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-. Restricted to ECE majors.

• 53970	TTH	500 - 630P	CPE 2.204	LUECKE, J

DISCRETE MATHEMATICS

Provides a transition from the problem-solving approach of Mathematics 408C and 408D to the rigorous approach of advanced courses. Subjects include logic, set theory, relations and functions, combinatorics, and graph theory and graph algorithms. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-. Inquiry-based learning format.

• 53975	TTH	1230 - 200P	RLM 5.114	MINER, Z

DISCRETE MATHEMATICS

Provides a transition from the problem-solving approach of Mathematics 408C and 408D to the rigorous approach of advanced courses. Subjects include logic, set theory, relations and functions, combinatorics, and graph theory and graph algorithms. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 53980	MWF	200 - 300P	RLM 5.122	MILLER, J

DISCRETE MATHEMATICS

Designed to accommodate 35 or fewer students. Provides a transition from the problem-solving approach of Mathematics 408C and 408D to the rigorous approach of advanced courses. Subjects include logic, set theory, relations and functions, combinatorics, and graph theory and graph algorithms. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-. Inquiry-based learning format.

• 53985	TTH	200 - 330P	RLM 5.124	MINER, Z

M 427J DIFF EQNS WITH LINEAR ALGEBRA

Ordinary differential equations, introduction to vector spaces, linear operators and eigenvalues, systems of linear differential equations, introduction to partial differential equations and Fourier series. Mathematics 427J and 427K may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 53990	TTH	930 - 1100	CLA 0.130	BECKNER, W
	MW	400 - 500P	CLA 0.130	
• 53995	MWF	1000 - 1100	GSB 2.126	
	TTH	330 - 430P	WAG 101	
• 54000	TTH	1100 - 1230P	CLA 0.130	
	MW	400 - 500P	CPE 2.208	

DIFF EQNS WITH LINEAR ALGEBRA

Designed to accommodate 100 or more students. Ordinary differential equations, introduction to vector spaces, linear operators and eigenvalues, systems of linear differential equations, introduction to partial differential equations and Fourier series. Mathematics 427J and 427K may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54005	TTH	1100 - 1230P	CPE 2.214	ISRAEL, A
	MW	800 - 900	CLA 0.126	

DIFF EQNS WITH LINEAR ALGEBRA

Ordinary differential equations, introduction to vector spaces, linear operators and eigenvalues, systems of linear differential equations, introduction to partial differential equations and Fourier series. Mathematics 427J and 427K may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54010	MWF	1200 - 100P	CPE 2.208	
	TTH	500 - 600P	CPE 2.208	

DIFF EQNS WITH LINEAR ALGEBRA

Designed to accommodate 100 or more students. Ordinary differential equations, introduction to vector spaces, linear operators and eigenvalues, systems of linear differential equations, introduction to partial differential equations and Fourier series. Mathematics 427J and 427K may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54015	TTH	1230 - 200P	CPE 2.208	HEITMANN, R
	MW	500 - 600P	PAI 2.48	

DIFF EQNS WITH LINEAR ALGEBRA

Ordinary differential equations, introduction to vector spaces, linear operators and eigenvalues, systems of linear differential equations, introduction to partial differential equations and Fourier series. Mathematics 427J and 427K may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54020	MWF	200 - 300P	CPE 2.208	
	TTH	930 - 1030	SZB 104	
• 54025	MWF	200 - 300P	CPE 2.214	
	TTH	500 - 600P	RLM 4.102	

DIFF EQNS WITH LINEAR ALGEBRA

Designed to accommodate 100 or more students. Ordinary differential equations, introduction to vector spaces, linear operators and eigenvalues, systems of linear differential equations, introduction to partial differential equations and Fourier series. Mathematics 427J and 427K may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54030	TTH	200 - 330P	CPE 2.208	VISHIK, M
	MW	200 - 300P	PHR 2.110	

DIFF EQNS WITH LINEAR ALGEBRA

Ordinary differential equations, introduction to vector spaces, linear operators and eigenvalues, systems of linear differential equations, introduction to partial differential equations and Fourier series. Mathematics 427J and 427K may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54035	MWF	300 - 400P	CPE 2.208	
	TTH	500 - 600P	PAI 2.48	

DIFF EQNS WITH LINEAR ALGEBRA

Designed to accommodate 100 or more students. Ordinary differential equations, introduction to vector spaces, linear operators and eigenvalues, systems of linear differential equations, introduction to partial differential equations and Fourier series. Mathematics 427J and 427K may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54040	MWF	400 - 500P	ECJ 1.202	
	TTH	500 - 600P	PAI 4.42	

M 427L ADV CALC FOR APPLC II-AP-HON

Matrices, elements of vector analysis and calculus of functions of several variables, including gradient, divergence, and curl of a vector field, multiple integrals and chain rules, length and area, line and surface integrals, Green's theorems in the plane and space, and, if timepermits, complex analysis. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-. Restricted to incoming first-semester freshmen receiving AP credit on the Calculus BC exam with a score of 5.

• 54045	TTH	1100 - 1230P	CLA 1.106	BECKNER, W
	MW	900 - 1000	CPE 2.204	

ADV CALCULUS FOR APPLICATNS II

Matrices, elements of vector analysis and calculus of functions of several variables, including gradient, divergence, and curl of a vector field, multiple integrals and chain rules, length and area, line and surface integrals, Green's theorems in the plane and space, and, if timepermits, complex analysis. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54050	MWF	1000 - 1100	CLA 0.130	
	TTH	500 - 600P	CLA 0.130	
• 54055	MWF	1100 - 1200	CPE 2.214	
	TTH	400 - 500P	PHR 2.108	
• 54060	MWF	100 - 200P	CLA 0.126	
	TTH	500 - 600P	CPE 2.214	

M 328K INTRODUCTION TO NUMBER THEORY

Provides a transition from the problem-solving approach of Mathematics 408C and 408D to the rigorous approach of advanced courses. Properties of the integers, divisibility, linear and quadratic forms, prime numbers, congruences and residues, quadratic reciprocity, number theoretic functions. Prerequisite: Mathematics 325K or 341 with a grade of at least C-.

• 54065	MWF	900 - 1000	RLM 5.124	
• 54070	TTH	930 - 1100	RLM 7.124	KOCH, H
• 54075	MWF	1100 - 1200	RLM 5.118	
• 54080	TTH	1100 - 1230P	ECJ 1.308	VISHIK, M

course	unique	days	time	room	instructor
	• 54085	MWF	100 - 200P	RLM 5.118	

M 329F THEORY OF INTEREST

Measurement of interest, present and accumulated value, amortization, sinking funds, bonds, duration, and immunization. Covers the interest-theory portion of an exam of the Society of Actuaries and the Casualty Actuarial Society. Only one of the following may be counted: Actuarial Foundations 329, Mathematics 329F, 389F. Prerequisite: Mathematics 408D, 308L, 408L, or 408S with a grade of at least C-. same as ACF 329.

course	unique	days	time	room	instructor
	• 54090	TTH	330 - 500P	RLM 5.116	HARPER, S

THEORY OF INTEREST

Measurement of interest, present and accumulated value, amortization, sinking funds, bonds, duration, and immunization. Covers the interest-theory portion of an exam of the Society of Actuaries and the Casualty Actuarial Society. Only one of the following may be counted: Actuarial Foundations 329, Mathematics 329F, 389F. Prerequisite: Mathematics 408D, 308L, 408L, or 408S with a grade of at least C-. same as ACF 329. also meets with M 389F.

course	unique	days	time	room	instructor
	• 54095	TTH	200 - 330P	RLM 5.116	HARPER, S

THEORY OF INTEREST

Measurement of interest, present and accumulated value, amortization, sinking funds, bonds, duration, and immunization. Covers the interest-theory portion of an exam of the Society of Actuaries and the Casualty Actuarial Society. Only one of the following may be counted: Actuarial Foundations 329, Mathematics 329F, 389F. Prerequisite: Mathematics 408D, 308L, 408L, or 408S with a grade of at least C-. Inquiry-based learning format. same as ACF 329. also meets with M 389F.

course	unique	days	time	room	instructor
	• 54100	MWF	1000 - 1100	RLM 5.116	AUSTIN, J

M 329W COOPERATIVE MATHEMATICS

Hour(s) to be arranged. This course covers the work period of mathematics students in the Cooperative Education program, which provides supervised work experience by arrangement with the employer and the supervising instructor. The student must repeat the course each work period and must take it twice to receive credit toward the degree; at least one of these registrations must be during a long-session semester. No more than three semester hours may be counted toward the major requirement; no more than six semester hours may be counted toward the degree. The student's first registration must be on the pass/fail basis. Prerequisite: Application through the College of Natural Sciences Career Design Center; Mathematics 408D, 408L, or 408S with a grade of at least C-; a grade of at least C- in two of the following courses: Mathematics 325K, 427J or 427K, 341, 362K, or 378K; and consent of the undergraduate adviser.

course	unique	days	time	room	instructor
	• 54105				

M 333L STRUCTURE OF MODERN GEOMETRY

Axiom systems, transformational geometry, introduction to non-Euclidean geometries, and other topics in geometry; use of these ideas in teaching geometry. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-; or upper-division standing and consent of instructor.

course	unique	days	time	room	instructor
	• 54110	MWF	1100 - 1200	RLM 5.124	
	• 54115	MWF	100 - 200P	RLM 5.124	

M 339C ACTUARIAL CASE STUDIES

Introduces aspects of basic ratemaking, reserving, catastrophe modeling,and rate classification in a property & casualty actuarial context. Explores loss & premium trending, loss triangles, loss development, loss ratios, on-level premium, and accident year vs. calendar year vs. policyyear data. Prerequisite: Actuarial Foundations 329 or Mathematics 329F with a gradeof at least C-; and M339J or M339U with a grade of at least C-. meets with M 389C.

course	unique	days	time	room	instructor
	• 54120	TTH	1230 - 200P	RLM 5.120	WALCH, A

M 339D INTRO FIN MATH FOR ACTUARIES

Covers the financial derivative subjects on the Society of Actuary FM/2 exam: general derivatives, options, hedging, investment strategies, forwards, futures, and swaps. Covers option pricing techniques in the MFE/3F exam: binomial option pricing, Monte Carlo Valuation using risk neutral probabilities, and Black-Scholes. Prerequisite: Actuarial Foundations 329 or Mathematics 329F; and Mathematics 362K with a grade of at least C-. meets with M 389D.

course	unique	days	time	room	instructor
	• 54125	MWF	1200 - 100P	RLM 5.104	CUDINA, M

M 339J PROBABIL MOD WITH ACTUARL APPL

Introductory actuarial models for life insurance, property insurance, and annuities. With Mathematics 349P, covers the syllabus for the professional actuarial exam on model construction. Prerequisite: Mathematics 358K or 378K with a grade of at least C-.

course	unique	days	time	room	instructor
	• 54130	MWF	1100 - 1200	CPE 2.206	NIBERT, J

M 339U ACTUARL CONTINGENT PAYMENTS I

Intermediate actuarial models for life insurance, property insurance, and annuities. Prerequisite: Mathematics 362K with a grade of at least C-; credit with a grade of at least C- or registration for Actuarial Foundations 329 or Mathematics 329F; and credit with a grade of at least C- or registration for Mathematics 340L or 341.

course	unique	days	time	room	instructor
	• 54135	TTH	1230 - 200P	CPE 2.212	HAMRICK, G

ACTUARL CONTINGENT PAYMENTS I

Intermediate actuarial models for life insurance, property insurance, and annuities. Prerequisite: Mathematics 362K with a grade of at least C-; credit with a grade of at least C- or registration for Actuarial Foundations 329 or Mathematics 329F; and credit with a grade of at least C- or registration for Mathematics 340L or 341. meets with M 389U.

course	unique	days	time	room	instructor
	• 54140	TTH	1100 - 1230P	RLM 5.124	HARPER, S

M 339W FINCL MATH FOR ACTUARL APPLICS

Pricing, stock price, and interest rate models for actuarial applications. Tools include lognormal distribution, Brownian motion, Black-Scholes, and delta hedging. Prerequisite: Mathematics 339D with a grade of at least C-. meets with M 389W.

course	unique	days	time	room	instructor
	• 54145	MWF	100 - 200P	RLM 5.120	CUDINA, M

M 340L MATRICES AND MATRIX CALCULATNS

Techniques of matrix calculations and applications of linear algebra. Only one of the following may count: Mathematics 340L, 341, Statistics and Data Sciences 329C, or Statistics and Scientific Computation 329C. Restricted to non-mathematics majors. Prerequisite: Mathematics 408C, 408K, or 408N with a grade of at least C-.

course	unique	days	time	room	instructor
	• 54150	MWF	800 - 900	CPE 2.208	
	• 54155	TTH	1100 - 1230P	CPE 2.208	KOCH, H

MATRICES/MATRIX CALCULATNS-C S

Designed to accommodate 100 or more students. Techniques of matrix calculations and applications of linear algebra. Only one of the following may count: Mathematics 340L, 341, Statistics and Data Sciences 329C, or Statistics and Scientific Computation 329C. Restricted to non-mathematics majors. Prerequisite: Mathematics 408C, 408K, or 408N with a grade of at least C-. Restricted to computer science majors.

course	unique	days	time	room	instructor
	• 54160	MWF	1200 - 100P	PAI 2.48	ARBOGAST, T

MATRICES AND MATRIX CALCULATNS

Designed to accommodate 100 or more students. Techniques of matrix calculations and applications of linear algebra. Only one of the following may count: Mathematics 340L, 341, Statistics and Data Sciences 329C, or Statistics and Scientific Computation 329C. Restricted to non-mathematics majors. Prerequisite: Mathematics 408C, 408K, or 408N with a grade of at least C-. Restricted to ECE majors.

course	unique	days	time	room	instructor
	• 54165	TTH	330 - 500P	CPE 2.214	ISRAEL, A
	• 54170	TTH	500 - 630P	ECJ 1.202	

M 341 LINEAR ALGEBRA AND MATRIX THRY

Vector spaces, linear transformations, matrices, linear equations, determinants. Some emphasis on rigor and proofs. Only one of the following may count: Mathematics 340L, 341, Statistics and Data Sciences 329C, or Statistics and Scientific Computation 329C. Restricted to mathematics majors. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

course	unique	days	time	room	instructor
	• 54180	TTH	930 - 1100		

LINEAR ALGEBRA AND MATRIX THRY

Designed to accommodate 35 or fewer students. Vector spaces, linear transformations, matrices, linear equations, determinants. Some emphasis on rigor and proofs. Only one of the following may count: Mathematics 340L, 341, Statistics and Data Sciences 329C, or Statistics and Scientific Computation 329C. Restricted to mathematics majors. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

course	unique	days	time	room	instructor
	• 54185	MWF	1000 - 1100	RLM 5.124	GOMPF, R

LINEAR ALGEBRA AND MATRIX THRY

Vector spaces, linear transformations, matrices, linear equations, determinants. Some emphasis on rigor and proofs. Only one of the following may count: Mathematics 340L, 341, Statistics and Data Sciences 329C, or Statistics and Scientific Computation 329C. Restricted to mathematics majors. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

course	unique	days	time	room	instructor
	• 54190	TTH	1230 - 200P	RLM 5.122	
	• 54195	MWF	100 - 200P	RLM 5.122	
	• 54199	MWF	1000 - 1100	RLM 5.118	

M 343K INTRO TO ALGEBRAIC STRUCTURES

Elementary properties of groups and rings, including symmetric groups, properties of the integers, polynomial rings, elementary field theory. Students who have received a grade of C- or better in Mathematics 373K may not take Mathematics 343K. Prerequisite: Consent of the undergraduate adviser, or two of the following courses with a grade of at least C- in each: Mathematics 325K or Philosophy 313K, Mathematics 328K, Mathematics 341.

course	unique	days	time	room	instructor
	• 54200	TTH	1100 - 1230P	RLM 5.118	

M 343L APPLIED NUMBER THEORY

Basic properties of integers, including properties of prime numbers, congruences, and primitive roots. Introduction to finite fields and their vector spaces with applications to encryption systems and coding theory. Prerequisite: Mathematics 328K or 343K with a grade of at least C-.

course	unique	days	time	room	instructor
	• 54205	TTH	930 - 1100	RLM 5.118	BLUMBERG, A

M 346 APPLIED LINEAR ALGEBRA

Emphasis on diagonalization of linear operators and applications to dynamical systems and ordinary differential equations. Other subjects include inner products and orthogonality, normal mode expansions, vibrating strings and the wave equation, and Fourier series. Prerequisite: Mathematics 341 or 340L with a grade of at least C-.

course	unique	days	time	room	instructor
	• 54210	TTH	930 - 1100	RLM 5.120	MAGGI, F

M 348 SCI COMPUTATION IN NUM ANLY

Introduction to mathematical properties of numerical methods and their applications in computational science and engineering. Introduction to object-oriented programming in an advanced language. Study and use of numerical methods for solutions of linear systems of equations; nonlinear least-squares data fitting; numerical integration; and solutions of multidimensional nonlinear equations and systems of initial value ordinary differential equations. Prerequisite: Computer Science 303E or 307, and Mathematics 341 or 340L with a grade of at least C-.

course	unique	days	time	room	instructor
	• 54215	MWF	900 - 1000	RLM 5.104	ARBOGAST, T
	• 54220	TTH	200 - 330P	RLM 5.104	ENGQUIST, B

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course	unique	days	time	room	instructor

M 349P ACTUARIAL STATISTCL ESTIMATES

Statistical estimation procedures for random variables and related quantities in actuarial models. With Mathematics 339J, covers the syllabus for the professional actuarial exam on model construction. Prerequisite: Mathematics 339J, and 341 or 340L, with a grade of at least C- in each. meets with M 389P.

• 54225	TTH	1100 - 1230P	RLM 5.120	WALCH, A

M 349R APPLD REGRESSION & TIME SERIES

Introduction to simple and multiple linear regression and to elementary time-series models, including auto-regressive and moving-average models.Emphasizes fitting models to data, evaluating models, and interpreting results. Prerequisite: Mathematics 339J or 339U, and 358K or 378K, with a grade of at least C- in each.

• 54230	MWF	1000 - 1100	RLM 6.104	CEPPARO, G

M 358K APPLIED STATISTICS

Exploratory data analysis, correlation and regression, data collection, sampling distributions, confidence intervals, and hypothesis testing. Prerequisite: Mathematics 362K with a grade of at least C-.

• 54235	TTH	930 - 1100	CPE 2.220	TRAN, N
• 54240	MWF	1100 - 1200	RLM 6.104	CUDINA, M

M 361 THRY OF FUNC OF CMPLX VARIABLE

Elementary theory and applications of analytic functions, series, contour integration, and conformal mappings. Prerequisite: Mathematics 427J, 427K, or 427L with a grade of at least C-.

• 54245	TTH	1100 - 1230P	RLM 5.116	

M 361K INTRODUCTION TO REAL ANALYSIS

A rigorous treatment of the real number system, of real sequences, and of limits, continuity, derivatives, and integrals of real-valued functions of one real variable. Students who have received a grade of C- or better in Mathematics 365C may not take Mathematics 361K. Prerequisite: Consent of the undergraduate adviser, or two of the following courses with a grade of at least C- in each: Mathematics 325K or Philosophy 313K, Mathematics 328K, Mathematics 341.

• 54250	TTH	930 - 1100	RLM 5.122	VASSEUR, A
• 54255	TTH	1100 - 1230P	RLM 5.122	VASSEUR, A

INTRODUCTION TO REAL ANALYSIS

A rigorous treatment of the real number system, of real sequences, and of limits, continuity, derivatives, and integrals of real-valued functions of one real variable. Students who have received a grade of C- or better in Mathematics 365C may not take Mathematics 361K. Prerequisite: Consent of the undergraduate adviser, or two of the following courses with a grade of at least C- in each: Mathematics 325K or Philosophy 313K, Mathematics 328K, Mathematics 341. Inquiry-based learning format.

• 54260	MWF	1100 - 1200	RLM 7.124	REN, K

M 362K PROBABILITY I

An introduction to the mathematical theory of probability, fundamental to further work in probability and statistics, includes basic probability properties, conditional probability and independence, various discrete and continuous random variables, expectation and variance, central limit theorem, and joint probability distributions. Mathematics 362K and Statistics and Scientific Computation 321 may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-.

• 54265	TTH	930 - 1100	RLM 5.104	MUELLER, P
• 54270	MWF	1000 - 1100	CPE 2.206	NEEMAN, J
• 54275	MWF	1100 - 1200	CPE 2.210	BOWEN, L
• 54280	TTH	1100 - 1230P	RLM 6.104	SIRBU, M
• 54285	TTH	1230 - 200P	RLM 5.104	SIRBU, M

PROBABILITY I

An introduction to the mathematical theory of probability, fundamental to further work in probability and statistics, includes basic probability properties, conditional probability and independence, various discrete and continuous random variables, expectation and variance, central limit theorem, and joint probability distributions. Mathematics 362K and Statistics and Scientific Computation 321 may not both be counted. Prerequisite: Mathematics 408D, 408L, or 408S with a grade of at least C-. Inquiry-based learning format.

• 54290	TTH	800 - 930	RLM 6.104	MAXWELL, M

M 362M INTRO TO STOCHASTIC PROCESSES

Introduction to Markov chains, birth and death processes, and other topics. Prerequisite: Mathematics 362K with a grade of at least C-.

• 54295	MWF	900 - 1000	RLM 6.104	WALKER, S

M 365C REAL ANALYSIS I

A rigorous treatment of the real number system, Euclidean spaces, metric spaces, continuity of functions in metric spaces, differentiation and Riemann integration of real-valued functions of one real variable, and uniform convergence of sequences and series of functions. Students who have received a grade of C- or better in Mathematics 365C may not take Mathematics 361K. Prerequisite: Consent of the undergraduate adviser, or two of the following courses with a grade of at least C- in each: Mathematics 325K or Philosophy 313K, Mathematics 328K, Mathematics 341. Students who receive a grade of C- in one of the prerequisite courses are advised to take Mathematics 361K before attempting 365C. Students planning to take Mathematics 365C and 373K concurrently should consult a mathematics adviser.

• 54300	TTH	1100 - 1230P	PHR 2.114	CAFFARELLI, L
• 54305	MWF	1200 - 100P	RLM 7.124	REN, K

M 367K TOPOLOGY I

An introduction to topology, including sets, functions, cardinal numbers, and the topology of metric spaces. Prerequisite: Mathematics 361K or 365C or consent of instructor. Inquiry-based learning format.

• 54310	MWF	1000 - 1100	RLM 5.122	SADUN, L

M 367L TOPOLOGY II

Various topics in topology, primarily of a geometric nature. Prerequisite: Mathematics 367K with a grade of at least C- or consent ofinstructor.

• 54315	TTH	930 - 1100	RLM 5.124	GORDON, C

M 371E LEARN ASSIST EXPER IN MATH

Students assist instructors and TAs in mathematics courses. This is a hands-on experience in what it is like to teach and support students in the learning of mathematics in undergraduate courses. Students must attend classroom training and discussions and work in Calculus discussion sections or undergraduate classrooms where mathematics is being taught. Prerequisite: Mathematics 408C, 408K, 408N, 408R, or equivalent, and consent of instructor.

• 54320	M	500 - 800P	RLM 5.116	

M 372K PARTIAL DIFF EQUATN AND APPLIC

Partial differential equations as basic models of flows, diffusion, dispersion, and vibrations. Topics include first- and second-order partial differential equations and classification (particularly the wave, diffusion, and potential equations), and their origins in applications and properties of solutions. Includes the study of characteristics, maximum principles, Green's functions, eigenvalue problems, and Fourier expansion methods. Prerequisite: Mathematics 427J or 427K with a grade of at least C-.

• 54325	TTH	1100 - 1230P	CPE 2.210	GAMBA, I

M 373K ALGEBRAIC STRUCTURES I

A study of groups, rings, and fields, including structure theory of finite groups, isomorphism theorems, polynomial rings, and principal ideal domains. Students who have received a grade of C- or better in Mathematics 373K may not take Mathematics 343K. Prerequisite: Consent of the undergraduate adviser, or two of the following courses with a grade of at least C- in each: Mathematics 325K or Philosophy 313K, Mathematics 328K, Mathematics 341. Students who receive a grade of C- in one of the prerequisite courses are advised to take Mathematics 343K before attempting 373K. Students planning to take Mathematics 365C and 373K concurrently should consult a mathematics adviser.

• 54330	TTH	1100 - 1230P	RLM 9.166	KEEL, S

ALGEBRAIC STRUCTURES I

Designed to accommodate 35 or fewer students. A study of groups, rings, and fields, including structure theory of finite groups, isomorphism theorems, polynomial rings, and principal ideal domains. Students who have received a grade of C- or better in Mathematics 373K may not take Mathematics 343K. Prerequisite: Consent of the undergraduate adviser, or two of the following courses with a grade of at least C- in each: Mathematics 325K or Philosophy 313K, Mathematics 328K, Mathematics 341. Students who receive a grade of C- in one of the prerequisite courses are advised to take Mathematics 343K before attempting 373K. Students planning to take Mathematics 365C and 373K concurrently should consult a mathematics adviser.

• 54335	MWF	1000 - 1100	RLM 9.166	KEEL, S

M 374M MATH MODELING IN SCI AND ENGR

Tools for studying differential equations and optimization problems that arise in the engineering and physical sciences. Includes dimensional analysis and scaling, regular and singular perturbation methods, optimization and calculus of variations, and stability. Prerequisite: Mathematics 427J or 427K, and 340L or 341, with a grade of at least C- in each; and some basic programming skills.

• 54340	MWF	1000 - 1100	RLM 5.120	GONZALEZ, O

M 175 CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Supervised study in mathematics, with hours to be arranged. Prerequisite: Upper-division standing.

• 54345

M 275 CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Supervised study in mathematics, with hours to be arranged. Prerequisite: Upper-division standing.

• 54350

M 375 CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Supervised study in mathematics, with hours to be arranged. Prerequisite: Upper-division standing.

• 54355

M 475 CONFERENCE COURSE

Hour(s) to be arranged. May be repeated for credit. Supervised study in mathematics, with hours to be arranged. Prerequisite: Upper-division standing.

• 54360

M 375C CONF COURSE (COMPUTER-ASSIST)

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Supervised study in mathematics on material requiring use of computing resources, with hours to be arranged. Prerequisite: Varies with the topic.

• 54365

M 375D DISCOV: INTRO ADV STD IN MATH

Capstone course designed primarily for UTeach pre-service mathematics majors considering discovery teaching methodology and/or graduate work in mathematics or mathematics education. Ties together foundational topics in the primary strands of mathematics present in a typical graduate mathematics program; included are selected topics from analysis, algebra, number theory, and topology. Mathematics 375D

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and 375T (Topic: Discovery: An Introduction to Advanced Study in Mathematics) may not both be counted. Prerequisite: Two proof-based mathematics courses with a grade of at least C-, or consent of instructor. Inquiry-based learning format.
• 54370 TTH 1230 - 200P RLM 7.124 DANIELS, M

M 375T DECISION ANALYTICS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.
• 54375 MWF 1000 - 1100
• 54377 TTH 930 - 1100 RLM 5.116

FNDTNS, FUNCTS, REGRESN MODELS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with M 315C.
• 54380 TTH 930 - 1100 PAI 4.08 DANIELS, M

M 378K INTRO TO MATHEMATCL STATISTICS
Sampling distributions of statistics, estimation of parameters (confidence intervals, method of moments, maximum likelihood, comparison of estimators using mean square error and efficiency, sufficient statistics), hypothesis tests (p-values, power, likelihood ratio tests), and other topics. Only one the following may be counted: Mathematics 378K, Statistics and Data Sciences 378, Statistics and Scientific Computation 378. Prerequisite: Mathematics 362K with a grade of at least C-. same as SDS 378.
• 54385 MWF 1000 - 1100 RLM 5.104 ZITKOVIC, G
• 54390 MWF 1100 - 1200 RLM 5.104

M 379H HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Directed reading, research, and/or projects, under the supervision of a faculty member, leading to an honors thesis. Prerequisite: Admission to the Mathematics Honors Program; Mathematics 365C, 367K, 373K, or 374G with a grade of at least A-, and another of these courses with a grade of at least B-; and consent of the honors adviser.
• 54395

M 380C ALGEBRA
Designed to accommodate 35 or fewer students. A survey of algebraic structures, including groups, fields, rings, and modules. Prerequisite: Graduate standing and consent of instructor or the graduate adviser.
• 54400 MWF 1000 - 1100 RLM 12.166 HEITMANN, R

M 381C REAL ANALYSIS
Measure and integration over abstract spaces; Lebesgue's theory of integration and differentiation on the real line. Computational Science, Engineering, and Mathematics 385R and Mathematics381C may not both be counted. Prerequisite: Graduate standing and consent of instructor or the graduate adviser. same as CSE 385R.
• 54405 MW 330 - 500P RLM 11.176 CAFFARELLI, L

M 382C ALGEBRAIC TOPOLOGY
Surfaces, covering spaces, fundamental group, and homology. Prerequisite: Graduate standing, an undergraduate course in topology, and consent of instructor or the graduate adviser.
• 54410 MWF 900 - 1000 RLM 10.176 GORDON, C

M 383C METHODS OF APPLIED MATHEMATICS
Topics include basic normed linear space theory; fixed-point theorems and applications to differential and integral equations; Hilbert spaces and the spectral theorem; applications to Sturm-Liouville problems; approximation and computational methods such as the Galerkin, Rayleigh-Ritz, and Newton procedures. Computational Science, Engineering, and Mathematics 386C and Mathematics383C may not both be counted. Prerequisite: Graduate standing. same as CSE 386C.
• 54415 MWF 1100 - 1200 RLM 11.176 ARBOGAST, T

M 383E NUMERICAL ANLY: LINEAR ALGEBRA
Survey of numerical methods in linear algebra: floating-point computation, solution of linear equations, least squares problems, algebraic eigenvalue problems. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 383C, Computer Science 383C, Mathematics 383E, Statistics and Data Sciences 393C, Statistics and Scientific Computation 393C. Prerequisite: Graduate standing; Computer Science 367 or Mathematics 368K; and Mathematics 340L, 341, or consent of instructor. same as C S 383C, CSE 383C, SDS 393C. also meets with M E 397.
• 54420 TTH 930 - 1100 ECJ 1.214 BIROS, G

M 384C MATHEMATICAL STATISTICS I
The general theory of mathematical statistics. Includes distributions offunctions of random variables, properties of a random sample, principlesof data reduction, an overview of hierarchical models, decision theory, Bayesian statistics, and theoretical results relevant to point estimation, interval estimation, and hypothesis testing. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384R, Mathematics 384C, Statistics and DataSciences 384 (Topic 2), Statistics and Scientific Computation 384 (Topic 2). Prerequisite: Graduate standing; and Mathematics 362K and 378K, Statistics and Scientific Computation 382, or consent of instructor. same as CSE 384R, SDS 384 (TOPIC 2).
• 54425 TTH 500 - 630P FAC 101B PARKER, M

M 384G REGRESSION ANALYSIS
Simple and multiple linear regression, inference in regression, prediction of new observations, diagnosis and remedial measures, transformations, and model building. Emphasis on both understanding the theory and applying theory to analyze data. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384T, Mathematics 384G, Statistics and DataSciences 384 (Topic 4), Statistics and Scientific Computation 384 (Topic 4). Prerequisite: Graduate standing; and Mathematics 362K and 378K, Statistics and Data Sciences 382, (or Statistics and Scientific Computation 382), or consent of instructor. same as CSE 384T, SDS 384 (TOPIC 4).
• 54430 MW 100 - 230P FAC 101B HERSH, M

M 385C THEORY OF PROBABILITY
Computational Science, Engineering, and Mathematics 384K and Mathematics385C may not both be counted. Prerequisite: Graduate standing and consent of instructor. same as CSE 384K.
• 54435 MWF 1100 - 1200 RLM 9.166 ZITKOVIC, G

M 387C NUMERCL ANLY: ALGEBRA & APPROX
Advanced introduction to scientific computing, theory and application ofnumerical linear algebra, solution of nonlinear equations, and numericalapproximation of functions. Computational Science, Engineering, and Mathematics 383K and Mathematics387C may not both be counted. Prerequisite: Graduate standing, and consent of instructor or the graduate adviser. same as CSE 383K.
• 54440 MW 830 - 1000 RLM 12.166 ENGQUIST, B

M 389C ACTUARIAL CASE STUDIES
Explores aspects of basic ratemaking, reserving, catastrophe modeling, and rate classification in a property & casualty actuarial context. Covers loss & premium trending, loss triangles, loss development, loss ratios, on-level premium, accident year vs. calendar year vs. policy year data. Prerequisite: Graduate standing and either 389J or 389U with a grade of at least C. meets with M 339C.
• 54445 TTH 1230 - 200P RLM 5.120 MAXWELL, M

M 389D INTRO FIN MATH FOR ACTUARIES
Covers the financial derivative topics on the Society of Actuary FM/2 exam: general derivatives, options, hedging, investment strategies, forwards, futures, and swaps. Covers option pricing techniques in the MFE/3F exam: binomial option pricing, Monte Carlo Valuation using risk neutral probabilities, and Black-Scholes. Prerequisite: Mathematics 389F. meets with M 339D.
• 54450 MWF 1200 - 100P RLM 5.104 CUDINA, M

M 389F THEORY OF INTEREST
Measurement of interest, present and accumulated value, amortization, sinking funds, bonds, duration, and immunization. Covers the interest theory portion of an exam of the Society of Actuaries and the Casualty Actuarial Society. Only one of the following may be counted: Actuarial Foundations 329, Mathematics 329F, 389F. Prerequisite: Graduate standing and Mathematics 408D or 408L. meets with M 329F.
• 54455 MWF 1000 - 1100 RLM 5.116 AUSTIN, J
• 54460 TTH 200 - 330P RLM 5.116 HARPER, S

M 389P ACTUARL STATISTICAL ESTIMATES
Statistical estimation procedures for random variables and related quantities in actuarial models. With Mathematics 389J, covers the syllabus for the professional actuarial exam on model construction. Prerequisite: Graduate standing; and Mathematics 341 or 340L, and 389J with a grade of at least C in each. meets with M 349P.
• 54465 TTH 1100 - 1230P RLM 5.120 MAXWELL, M

M 389U ACTUARL CONTINGENT PAYMENTS I
Intermediate actuarial models for life insurance, property insurance, and annuities. Prerequisite: Graduate standing; Mathematics 362K with a grade of at least C; credit with a grade of at least C or registration for Mathematics 340L (or 341); and credit with a grade of at least C or registration for Actuarial Foundations 329 or Mathematics 329F or 389F. meets with M 339U.
• 54470 TTH 1100 - 1230P RLM 5.124 HARPER, S

M 389W FINCL MATH FOR ACTUARL APPLICS
Subjects include pricing, stock price, and interest rate models for actuarial applications. Tools include lognormal distribution, Brownian motion, Black-Scholes, and delta hedging. Prerequisite: Mathematics 389D with a grade of at least C-. meets with M 339W.
• 54475 MWF 100 - 200P RLM 5.120 CUDINA, M

M 392C ALGEBRAIC GEOMETRY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Recent topics have included algebraic topology, differential topology, geometric topology, Lie groups. Prerequisite: Graduate standing and consent of instructor.
• 54480 MWF 200 - 300P RLM 9.166 RASKIN, S

FOUR-MANIFOLDS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Recent topics have included algebraic topology, differential topology, geometric topology, Lie groups. Prerequisite: Graduate standing and consent of instructor.
• 54485 MWF 1100 - 1200 RLM 11.176 GOMPF, R

MORSE THEORY
Course number may be repeated for credit when the topics vary. Recent topics have included algebraic topology, differential topology, geometric topology, Lie groups. Prerequisite: Graduate standing and consent of instructor.
• 54490 W 400 - 700P RLM 9.166 FREED, D

M 393C GIBBS MEASURES & RANDOM GRAPH
Course number may be repeated for credit when the topics vary. Recent topics have included quantum mechanics, statistical physics, ergodic theory, group representations, statistical mechanics, quantum field theory, introductory partial differential equations, monotone operators and partial differential equations, Hilbert space methods for

partial differential equations, Hamiltonian dynamics, nonlinear functional analysis, Euler and Navier-Stokes equations, microlocal calculus and spectral asymptotics, calculus of variations. Prerequisite: Graduate standing and consent of instructor.
• 54495 MWF 1200 - 100P RLM 10.176 BOWEN, L

LEVEL SET MTHODS & APPLICATION
Course number may be repeated for credit when the topics vary. Recent topics have included quantum mechanics, statistical physics, ergodic theory, group representations, statistical mechanics, quantum field theory, introductory partial differential equations, monotone operators and partial differential equations, Hilbert space methods for partial differential equations, Hamiltonian dynamics, nonlinear functional analysis, Euler and Navier-Stokes equations, microlocal calculus and spectral asymptotics, calculus of variations. Prerequisite: Graduate standing and consent of instructor.
• 54500 TTH 1100 - 1230P RLM 11.176 TSAI, Y

MINIMAL SURFACES
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Recent topics have included quantum mechanics, statistical physics, ergodic theory, group representations, statistical mechanics, quantum field theory, introductory partial differential equations, monotone operators and partial differential equations, Hilbert space methods for partial differential equations, Hamiltonian dynamics, nonlinear functional analysis, Euler and Navier-Stokes equations, microlocal calculus and spectral asymptotics, calculus of variations. Prerequisite: Graduate standing and consent of instructor.
• 54505 TTH 200 - 330P RLM 11.176 MAGGI, F

PARTL DIFFERENTIAL EQUATNS I
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Recent topics have included quantum mechanics, statistical physics, ergodic theory, group representations, statistical mechanics, quantum field theory, introductory partial differential equations, monotone operators and partial differential equations, Hilbert space methods for partial differential equations, Hamiltonian dynamics, nonlinear functional analysis, Euler and Navier-Stokes equations, microlocal calculus and spectral asymptotics, calculus of variations. Prerequisite: Graduate standing and consent of instructor. meets with CSE 396.
• 54510 TTH 1230 - 200P RLM 12.166 PATRIZI, S

M 394C STOCHASTIC PROCESSES I
Course number may be repeated for credit when the topics vary. Recent topics have included nonparametric statistics, advanced probability. Prerequisite: Graduate standing and consent of instructor. meets with CSE 394.
• 54515 MW 200 - 330P RLM 11.176 ZARIPHOPOULOU, T

M 396D CONFERENCE COURSE
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Supervised study in mathematics. Prerequisite: Graduate standing and consent of instructor.
• 54520

M 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in mathematics and consent of the graduate adviser; for 698B, Mathematics 698A.
• 54525

M 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in mathematics and consent of the graduate adviser; for 698B, Mathematics 698A.
• 54530

M 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in mathematics and consent of the supervising professor and the graduate adviser.
• 54535

M 398T SUPERVISED TEACHING IN MATH
Offered on the letter-grade basis only. Prerequisite: Graduate standing and appointment as a teaching assistant.
• 54540 TTH 930 - 1100 RLM 9.166 MAXWELL, M

M 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 54545

M 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 54550

M 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 54555

M 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mathematics 399R, 699R, or 999R.
• 54560

M 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mathematics 399R, 699R, or 999R.
• 54565

M 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mathematics 399R, 699R, or 999R.
• 54570

DEPARTMENT OF MOLECULAR BIOSCIENCES

Biochemistry - BCH
Molecular Biology - MOL
Systems and Synthetic Biology - SSB

BCH 339F FOUNDATIONS OF BIOCHEMISTRY
Metabolism of carbohydrates, lipids, amino acids, and nucleotides; structure and function of proteins. Only one of the following may be counted: Biochemistry 339F, 369, Biology 337 (Topic: Foundations of Biochemistry), Chemistry 339K, 369. Restricted to biochemistry majors. Prerequisite: One of the following with a grade of at least C-: Chemistry 310M, 318M, 320M, or 328M.
• 54625 MWF 900 - 1000 CLA 0.126 HOFFMAN, D
• 54630 TTH 930 - 1100 UTC 3.122 MATOUSCHEK, A

BCH 339J CHEMICAL AND SYNTHETIC BIOLOGY
Topics include enzymatic reaction mechanisms and how they can be manipulated using tools from both chemistry and molecular biology. Only one of the following may be counted: Biochemistry 339J, Chemistry 339J, Systems and Synthetic Biology 339J. Designed for students pursuing pharmaceutical and biotechnology careers. Prerequisite: Biochemistry 339F with a grade of at least C-. meets with CH 391.
• 54635 TTH 800 - 930 PHR 2.110 KEATINGE-CLAY, A

BCH 339M STRUCT & FUNCT OF MOL MACHINES
Designed to accommodate 35 or fewer students. Function of proteins and protein complexes as machines in the cell, including the interaction of proteins with nucleic acids, synthesis of proteins, and degradation of proteins. Prerequisite: Biochemistry 339F with a grade of at least C-.
• 54640 TTH 200 - 330P WEL 2.110 BROWNING, K
W 400 - 500P GDC 4.302
• 54642 TTH 200 - 330P WEL 2.110 BROWNING, K
TH 400 - 500P GDC 2.210
• 54644 TTH 200 - 330P WEL 2.110 BROWNING, K
F 400 - 500P GDC 2.210

BCH 339N SYSTEMS BIO/BIOINFORMATICS
Designed to accommodate 35 or fewer students. Understanding how the cell works as a system with emphasis on the methods used to gather and analyze data and develop/test models of systems level data. Only one of the following may be counted: Biochemistry 339N, 350, Biology 337 (Topic: Quantitative Analysis of Cellular and Molecular Biology), Chemical Engineering 337, 379 (Topic: Quantitative Analysis of Cellular and Molecular Biology), 381Q. Restricted to biochemistry majors. Prerequisite: Biochemistry 339F, Computer Science 303E, and Statistics and Data Sciences 328M (or Statistics and Scientific Computation 318M, 328M) with a grade of at least C-.
• 54645 TTH 930 - 1100 GDC 1.406 IYER, V
M 100 - 200P ECJ 1.306

BCH 364D MACROMOL STRUC DETERMINATION
Emphasis on X-ray crystallography and nuclear magnetic resonance (NMR) spectroscopy of proteins. Investigation of theories and practices of themost relevant techniques in macromolecular structure determination. Use of the X-ray and NMR facilities to collect data that is used to solve protein structures. Biochemistry 364D and Chemistry 364D may not both be counted. Restricted to biochemistry majors. Prerequisite: Biochemistry 339F and 370 with a grade of at least B.
• 54650 TTH 1230 - 200P MCLELLAN, J

BCH 364F ASTROBIOLOGY
An overview of the science used in the search for extraterrestrial life,life origins, earth history, evolution, metabolism of extremophiles, biochemistry, and astronomy. Biochemistry 364F and Chemistry 364F may not both be counted. Restricted to biochemistry majors. Prerequisite: Biochemistry 339F with a grade of at least B and consent of instructor.
• 54655 TTH 1230 - 200P ECJ 1.314 HOFFMAN, D

BCH 369 FUNDAMENTALS OF BIOCHEMISTRY
Designed to accommodate 100 or more students. The basics of protein structure and function, carbon and nitrogen metabolism, and molecular biology of macromolecules. Only one of the following may be counted: Biochemistry 339F, 369, Biology 337 (Topic: Foundations of Biochemistry), Chemistry 339K, 369. May not be counted toward a degree in biochemistry. Prerequisite: One of the following with a grade of at least C-: Chemistry 310M, 318M, 320M, or 328M.
• 54656 MW 830 - 1000 UTC 3.134
• 54657 MW 1000 - 1130 UTC 3.134

FUNDAMENTALS OF BIOCHEMISTRY
The basics of protein structure and function, carbon and nitrogen metabolism, and molecular biology of macromolecules. Only one of the following may be counted: Biochemistry 339F, 369, Biology 337 (Topic: Foundations of Biochemistry), Chemistry

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339K, 369. May not be counted toward a degree in biochemistry. Prerequisite: One of the following with a grade of at least C-: Chemistry 310M, 318M, 320M, or 328M.

• 54660	TTH	800 - 930	UTC 2.102A	GRABNER, G
• 54665	TTH	1230 - 200P	UTC 2.112A	GRABNER, G
• 54670	MW	330 - 500P	UTC 2.102A	GRABNER, G

BCH 369K TECHNIQUES OF RESEARCH

Hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in biochemistry. Prerequisite: Six semester hours of upper-division coursework in biochemistry or chemistry, or five semester hours of coursework in organic chemistry, or consent of the undergraduate faculty adviser in biochemistry.

• 54675

TECHNIQUES OF RESEARCH-FRI

Additional hour(s) to be arranged. May be repeated for credit. Advanced laboratory practice and introduction to research. May be taken for a letter grade no more than twice. No more than six semester hours may be counted toward a degree in biochemistry. Prerequisite: Six semester hours of upper-division coursework in biochemistry or chemistry, or five semester hours of coursework in organic chemistry, or consent of the undergraduate faculty adviser in biochemistry. Restricted to students in the Freshman Research Initiative. meets with CH 369K, BIO 377, BIO 177.

• 54680	M	300 - 400P	GEA 127	MACKRELL, A

BCH 369L BIOCHEMISTRY LABORATORY

Additional hour(s) to be arranged. An introduction to modern fundamental techniques of biochemistry. Biochemistry 369L and Chemistry 369L may not both be counted. Prerequisite: Biochemistry 339F with a grade of at least C-.

• 54685	MW	1200 - 100P	GSB 2.126	MCDONALD, G
	MW	800 - 1130	NHB 1.306	
• 54690	MW	1200 - 100P	GSB 2.126	MCDONALD, G
	TTH	930 - 100P	NHB 1.306	
• 54695	MW	1200 - 100P	GSB 2.126	MCDONALD, G
	MW	100 - 430P	NHB 1.306	
• 54700	MW	1200 - 100P	GSB 2.126	MCDONALD, G
	TTH	200 - 530P	NHB 1.306	
• 54705	MW	1200 - 100P	GSB 2.126	MCDONALD, G
	MW	500 - 830P	NHB 1.306	
• 54710	MW	1200 - 100P	GSB 2.126	MCDONALD, G
	TTH	600 - 930P	NHB 1.306	

BIOCHEMISTRY LABORATORY-FRI

Laboratory hour(s) to be arranged. Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. An introduction to modern fundamental techniques of biochemistry. Biochemistry 369L and Chemistry 369L may not both be counted. Prerequisite: Biochemistry 339F with a grade of at least C-. Restricted to students in the Freshman Research Initiative.

• 54715	T	200 - 300P	PAI 5.42	BECKHAM, J

BCH 370 PHYSICAL METHODS OF BIOCHEM

Theory of electrophoresis, ultracentrifugation, spectroscopy, electron microscopy, and diffraction as applied to biological macromolecules. Biochemistry 370 and Chemistry 370 may not both be counted. Prerequisite: Biochemistry 339F with a grade of at least C-.

• 54720	MW	1100 - 1230P	BUR 216	ZHANG, Y
• 54725	TTH	1100 - 1230P	WEL 2.140	TAYLOR, D

BCH 379H HONORS TUTORIAL COURSE

Hour(s) to be arranged. May be repeated for credit. Laboratory research project in a specific field of biochemistry under the supervision of one or more faculty members. May be repeated once for credit. Must be taken in addition to the required hours for a degree in biochemistry. Students must enroll no later than the first semester of the year of graduation. Prerequisite: Consent of the research supervisor and the departmental honors adviser.

• 54730

BCH 395G STRUC/FUNCT OF PROTEINS/MEMB

Detailed consideration of the structure and function of proteins, with discussion of enzyme mechanisms and kinetics, the biochemistry of energy production, and the metabolism of lipids and nucleotides. Only one of the following may be counted: Biochemistry 395G, Biology 395G, Chemistry 395G, Molecular Biology 395G. Prerequisite: Graduate standing; a one-year undergraduate sequence in biochemistry, such as Chemistry 339K and 339L, is strongly recommended. same as BIO 395G, MOL 395G.

• 54735	TTH	800 - 930	WEL 2.140	ELLINGTON, A

BCH 395J GENES/GENOMES/GENE EXPRESSN

Detailed consideration of prokaryotic and eukaryotic mechanisms of DNA replication and transcription; posttranscriptional processing of transcription products; and mechanism and regulation of the translation of messenger RNAs. Only one of the following may be counted: Biochemistry 395J, Biology 395J, Chemistry 395J, Molecular Biology 395J. Prerequisite: Graduate standing; and Biology 395F and 395G, or Chemistry 395F and 395G, or Molecular Biology 395F and 395G, or consent of instructor. same as BIO 395J, MOL 395J.

• 54740	TTH	930 - 1100	MBB 1.210	RUSSELL, R

BCH 297C ADVAN STD AND RSCH IN BIOCHEM

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser.

• 54745

BCH 397C ADVAN STD AND RSCH IN BIOCHEM

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser.

• 54750

BCH 497C ADVAN STD AND RSCH IN BIOCHEM

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser.

• 54755

BCH 597C ADVAN STD AND RSCH IN BIOCHEM

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser.

• 54760

BCH 697C ADVAN STD AND RSCH IN BIOCHEM

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser.

• 54765

BCH 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in biochemistry and consent ofthe graduate adviser; for 698B, Biochemistry 698A.

• 54770

BCH 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in biochemistry and consent ofthe graduate adviser; for 698B, Biochemistry 698A.

• 54775

BCH 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and registration for Chemistry 190 when it is given.

• 54780

BCH 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and registration for Chemistry 190 when it is given.

• 54785

BCH 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and registration for Chemistry 190 when it is given.

• 54790

BCH 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Biochemistry 399R, 699R, or 999R; and registration for Chemistry 190 when it is given.

• 54795

BCH 699W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Biochemistry 399R, 699R, or 999R; and registration for Chemistry 190 when it is given.

• 54800

BCH 999W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Biochemistry 399R, 699R, or 999R; and registration for Chemistry 190 when it is given.

• 54805

MOL 392 RESEARCH PROBLEMS

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 54860

MOL 692 RESEARCH PROBLEMS

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 54865

MOL 992 RESEARCH PROBLEMS

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 54870

MOL 395G STRUC/FUNCT OF PROTEINS/MEMB

Detailed consideration of the structure and function of proteins, with discussion of enzyme mechanisms and kinetics, the biochemistry of energyproduction, and the metabolism of lipids and nucleotides. Only one of the following may be counted: Biochemistry 395G, Biology 395G, Chemistry 395G, Molecular Biology 395G. Prerequisite: Graduate standing; a one-year undergraduate sequence in biochemistry, such as Chemistry 339K and 339L, is strongly recommended. same as BCH 395G, BIO 395G.

• 54875	TTH	800 - 930	WEL 2.140	ELLINGTON, A

MOL 395J GENES/GENOMES/GENE EXPRESSN

Detailed consideration of prokaryotic and eukaryotic mechanisms of DNA replication and transcription; posttranscriptional processing of transcription products; and mechanism and regulation of the translation of messenger RNAs. Only one of the following may be counted: Biochemistry 395J, Biology 395J, Chemistry 395J, Molecular Biology 395J. Prerequisite: Graduate standing; and Biology 395F and 395G, or Chemistry

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course	unique	days	time	room	instructor

395F and 395G, or Molecular Biology 395F and 395G, or consent of instructor. same as BCH 395J, BIO 395J.

• 54880	TTH	930 - 1100	MBB 1.210	RUSSELL, R

MOL 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in molecular biology and consent of the graduate adviser; for 698B, Molecular Biology 698A.

• 54885

MOL 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in molecular biology and consent of the graduate adviser; for 698B, Molecular Biology 698A.

• 54890

MOL 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 54895

MOL 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 54900

MOL 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 54905

MOL 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Molecular Biology 399R, 699R, or 999R.

• 54910

MOL 699W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Molecular Biology 399R, 699R, or 999R.

• 54915

MOL 999W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Molecular Biology 399R, 699R, or 999R.

• 54920

NEUROSCIENCE

Neuroscience - NEU

NEU 330 NEURAL SYSTEMS I

Introduction to the nervous system with an emphasis on brain organization, neuron physiology, perceptual systems, and motor systems. Intended for neuroscience majors and those considering neuroscience as a major. Only one of the following may be counted: Biology 337 (Topic: Neural Systems I), 365R, 371M, Neuroscience 330, 365R, 371M.

• 54975	MWF	1000 - 1100	JGB 2.216	MAUK, M
• 54980	TTH	1230 - 200P	JGB 2.216	POLLAK, G

NEU 335 NEURAL SYSTEMS II

Introduction to the nervous system with an emphasis on neural development and on the neural mechanisms of memory, emotions, and other higher cognitive functions. Intended for neuroscience majors and those considering neuroscience as a major. Biology 337 (Topic: Neural Systems II) and Neuroscience 335 may not bothbe counted. Prerequisite: Credit or registration in Physics 303L, 316, or 317L; and a grade of at least C- in the following: Biology 206L, and 311D or 325H,and Mathematics 408C or 408S, and Neuroscience 330.

• 54985	TTH	1100 - 1230P	WEL 2.110	COLGIN, L

NEU 337 FROM THE EYE TO THE BRAIN

Course number may be repeated for credit when the topics vary. Topics include recent developments and research methods in the field of neuroscience. Neuroscience 335 with a grade of at least B-; additional prerequisites vary with the topic. Topic description: Physiology of the visual pathway and its relationship to visual perception; prospects for prevention of blinding eye diseases; functional and ecological adaptations of primate vision. Laboratory ex periments and demonstrations illustrate and extend lecture topics and include measurement of several aspects of students' own visual and sensorimotor function. meets with NEU 366E.

• 54990	TTH	930 - 1100	WEL 2.128	SNODDERLY, D

NERVE REGENRTN INVRTBRT/VRTBRT

Course number may be repeated for credit when the topics vary. Topics include recent developments and research methods in the field of neuroscience. Neuroscience 335 with a grade of at least B-; additional prerequisites vary with the topic. Topic description: Degeneration and regeneration in nervous systems following traumatic injury; invertebrate versus vertebrate, peripheral nervous system versus central nervous system, axonal versus cell body, role o f glia versus neurons. meets with NEU 381N.

• 54995	MW	500 - 630P	GDC 2.210	BITTNER, G

NEURO DATA ANALYSIS IN PYTHON

Course number may be repeated for credit when the topics vary. Topics include recent developments and research methods in the field of neuroscience. Neuroscience 335 with a grade of at least B-; additional prerequisites vary with the topic.

• 55000	MWF	1100 - 1200	PHR 2.116	HUTH, A

NEU 365L NEUROBIOLOGY LABORATORY

An introduction to physiological, morphological, and molecular techniques used for analysis of the nervous system. Experiments and computer simulations illustrate basics of information processing by the nervous system. Biology 365L (Topic: Neurobiology Laboratory) and Neuroscience 365L may not both be counted. Prerequisite: Neuroscience 335 with a grade of at least C-.

• 55005	TH	200 - 700P	PAI 1.04	PRIEBE, N

NEU 365T NEUROBIOLOGY OF DISEASE

The neurobiological basis of disorders of the brain, with the main focuson mental illness. Emphasizes the neural circuitries and neurochemical events that underlie specific mental processes and behaviors. Biology 365T and Neuroscience 365T may not both be counted. Prerequisite: Neuroscience 335 with a grade of at least C-. meets with NEU 385L (TOPIC 13).

• 55010	TTH	1100 - 1230P	RLM 5.104	MORIKAWA, H

NEU 366C ION CHNNL/MOL PHYS NEURONL SIG

Explores the role of molecular conformational changes in higher-level neuronal function and sensory transduction, including the generation andregulation of diverse types of neuronal signaling characteristics. Emphasizes a quantitative approach and the use of models to study function. Only one of the following may be counted: Biology 337 (Topic: Ion Channels and the Molecular Physiology of Neuronal Signaling), 366C, Neuroscience 366C. Prerequisite: Neuroscience 335 with a grade of at least C-.

• 55015	TTH	1230 - 200P	WEL 2.140	SENNING, E

NEU 366E VISUAL NEUROSCIENCE

Physiology of the visual pathway and its relationship to visual perception; prospects for prevention of blinding eye diseases; functional and ecological adaptations of primate vision. Laboratory experiments and demonstrations illustrate and extend lecture topics and include measurement of several aspects of students' own visual and sensorimotor function. Only one of the following may be counted: Biology 337 (Topic: Visual Neuroscience), 366E, 366P, Neuroscience 366E, 366P. Prerequisite: Biomedical Engineering 365R or Neuroscience 335 with a grade of at least C-. meets with NEU 337.

• 55020	TTH	930 - 1100	WEL 2.128	SNODDERLY, D
	TH	1100 - 200P	WEL 2.128	

NEU 466G FUNCTIONAL SYNAPTIC NEUROANATO

Additional hour(s) to be arranged. Neuroanatomy and function of synapses as a basis for brain function and behavior. Examine the ultrastructure and function of synapses, dendritesand axons underlying basic synaptic transmission and plasticity. Laboratory projects involve three-dimensional reconstructions from serial section electron microscopy. Only one of the following may be counted: Biology 337 (Topic: Neurobiology of Synaptic Circuits), 337 (Topic: Human Neuroanatomy), 366F, Neuroscience 466G. Prerequisite: Neuroscience 335 with a grade of at least C-. meets with NEU 486G.

• 55025	T	200 - 600P	WEL 2.128	HARRIS, K

NEU 367V EVOLUTIONARY NEUROBIOLOGY

Examination of the nervous system in an evolutionary context. Only one of the following may be counted: Biology 337 (Topic: Evolutionary Neurobiology), 367V, Neuroscience 367V. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 55030	MW	1200 - 130P	BUR 136	ZAKON, H

NEU 277 UNDERGRADUATE RESEARCH

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or research in the various fields of neuroscience under the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Science in Neuroscience. Prerequisite: Neuroscience 335 with a grade of at least C-.

• 55035

NEU 377 UNDERGRADUATE RESEARCH

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Laboratory or research in the various fields of neuroscience under the supervision of one or more faculty members. Up to three semester hours may be counted toward the major requirement for the Bachelor of Science in Neuroscience. Prerequisite: Neuroscience 335 with a grade of at least C-.

• 55040

NEU 379H HONORS TUTORIAL COURSE

Hour(s) to be arranged. Original laboratory research project under the direction of a faculty mentor leading to a thesis or research presentation. May be repeated for credit, but no more than six hours may be counted toward a degree in neuroscience. Restricted to students in the honors program in neuroscience. Prerequisite: Consent of student's research supervisor and the departmental honors adviser.

• 55045

NEU 080M DUAL MD/PHD PROGRAM WITH UTMB

Hour(s) to be arranged. Preclinical medical study at the University of Texas Medical Branch at Galveston. May not be taken concurrently with another course at the University of Texas at Austin. Prerequisite: Graduate standing and admission to the MD/PhD dual degree program in neuroscience.

• 55050

April 3, 2018

course	unique	days	time	room	instructor

NEU 381N BASIC PROCESSES OF NERVE CELLS

Degeneration and regeneration in nervous systems following traumatic injury; invertebrate versus vertebrate, peripheral nervous system versus central nervous system, axonal versus cell body, role of glia versus neurons. Only one of the following may be counted: Biology 381K (Topic 10), 381N, Neuroscience 381N, 385L (Topic 1). Prerequisite: Graduate standing. same as BIO 381N. also meets with NEU 337.

• 55055	MW	500 - 630P	GDC 2.210	BITTNER, G

NEU 382T PRINCIPLES OF NEUROSCIENCE I

Designed to accommodate 35 or fewer students. Examines the core material on essential topics in molecular and cellularneuroscience, together with review and discussion of important early studies and contemporary literature. Prerequisite: Graduate standing and consent of instructor.

• 55060	TTH	900 - 1100	WAG 308	BRAGER, D

NEU 383C FUNCTIONAL NEUROANATOMY

An examination of the anatomy of the brain and spinal cord, emphasizing connections and functions of neural systems. Neuroscience 383C and Psychology 383C may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with PSY 383C.

• 55065	TTH	330 - 500P	SEA 2.116	GONZALEZ-LIMA, F

NEU 384M ADV STATISTICS: INFERENTIAL

Covers t-test, chi-square, analysis of variance, and nonparametric tests. Prerequisite: Graduate standing, an undergraduate statistics course, andconsent of instructor. same as PSY 384M.

• 55070	TTH	1100 - 1230P	SEA 2.114	HIXON, J

NEU 185D RESPONSIBLE CONDUCT OF SCIENCE

Offered on the credit/no credit basis only. Ethical considerations in the conduct of science, including issues of animal welfare, data analysis, fraud, publications, misconduct, intellectual property, grants, peer review, and mentor responsibility. Only one of the following may be counted: Neuroscience 185D, Pharmacy 185D, Pharmacy Graduate Studies 185D. Prerequisite: Graduate standing and consent of instructor. meets with PGS 185D.

• 55075	M	1200 - 100P	PHR 4.114	GONZALES, R

NEU 285L FNDMNTLS OF FLUORSCNC MICRSCPY

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in biology; and consent of instructor. meets with PGS 288K.

• 55080	W	1200 - 100P	PHR 3.114B	MUKHOPADHYAY, S
	W	100 - 300P	MBB 1.426	

NEU 385L 6-FNDTNS OF HUMAN NEUROIMAGING

Course number may be repeated for credit when the topics vary. A survey of the foundations for neuroimaging research with a focus on cognitive neuroscience. Describes the physical methods of image acquisition and physiological mechanisms used for functional imaging. Emphasis on magnetic resonance methods for structural and functional imaging. Surveys other imaging modalities, including positron emission tomography (PET), optical, and EEG/MEG electrical source localization. Only one of the following may be counted: Biology 381K (Topic: Foundations of Neuroimaging), Neuroscience 385L (Topic 6), 394P (Topic: Foundations of Magnetic Resonance Imaging Research), Psychology 394P (Topic: Foundations of Magnetic Resonance Imaging Research), 394P (Topic 13). Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in biology; and consent of instructor. meets with PSY 394P (TOPIC 13).

• 55085	TTH	1230 - 200P	BUR 128	LUCI, J

8-ION CHANNELS/NEURONAL SIGNL

Course number may be repeated for credit when the topics vary. Molecular properties of ion channels and the mechanisms of electrical signaling in neurons and other excitable cells. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in biology; and consent of instructor.

• 55090	TTH	200 - 330P	BUR 128	ALDRICH, R

12-QUANTIFYING BRAIN STRUCTURE

Course number may be repeated for credit when the topics vary. Concepts and hands-on applications for quantifying aspects of brain and cellular structure, with a focus on stereological approaches. Only one of the following may be counted: Neuroscience 385L (Topic 12), 394P (Topic: Quantitative Methods for Brain Structure), Psychology 394P (Topic 16: Quantifying Brain Structure), 394P (Topic: Quantitative Methods for Brain Structure). Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in biology; and consent of instructor. meets with PSY 394P (TOPIC 16).

• 55095	F	400 - 700P	SEA 3.250	JONES, T

13-NEUROBIOLOGY OF DISEASE

Course number may be repeated for credit when the topics vary. Examines the neurobiological basis of disorders of the brain, with a focus on mental illness. Emphasis on the neural circuitries and neurochemical events that underlie specific mental processes and behaviors. Neuroscience 385L (Topic: Neurobiology of Disease) and Neuroscience 385L (Topic 13) may not both be counted. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in biology; and consent of instructor. meets with NEU 365T.

• 55100	TTH	1100 - 1230P	RLM 5.104	MORIKAWA, H
	F	300 - 500P	BUR 128	

NEU 486G FUNCTIONAL SYNAPTIC NEUROANATO

Additional hour(s) to be arranged. Neuroanatomy and functional connectivity as a basis for brain function and behavior examined from gross structure, cytology and nanoscale synaptic connectivity. Subjects includes somatosensory, motor, visual, auditory, olfactory, taste, limbic, vestibular, hypothalamus, and other systems in addition to the synaptic basis of learning and memory, fear, sleep, stress, and synaptic changes during development, aging, mental retardation, and neurological diseases. Laboratory projects include three-dimensional reconstructions from serial section electron microscopy. Only one of the following may be counted: Neuroscience 385L (Topic 10), 386G, 486G. Prerequisite: Graduate standing and principles of neuroscience, vertebrate physiology, or other introductory neuroscience course; or consent of instructor. meets with NEU 466G.

• 55105	T	200 - 600P	WEL 2.128	HARRIS, K

NEU 190 RESEARCH

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and fifteen semester hours of coursework in neuroscience; students must contact the Neuroscience Graduate Studies Office before registering. Restricted to Neuroscience students.

• 55110

NEU 290 RESEARCH

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and fifteen semester hours of coursework in neuroscience; students must contact the Neuroscience Graduate Studies Office before registering.

• 55115

NEU 390 RESEARCH

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and fifteen semester hours of coursework in neuroscience; students must contact the Neuroscience Graduate Studies Office before registering.

• 55120

NEU 191 GRAD SEMINAR IN NEUROSCIENCE

Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. May be repeated for credit. Presentations and discussions of research topics in neuroscience. Prerequisite: Graduate standing and consent of instructor.

• 55125	TH	330 - 430P	BUR 228	SENNING, E

NEU 394P NEURAL NETWORKS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. Topic description: Biological information processing; architectures and algorithms for supervised learning, self-organization, reinforcement learning, and neuro-evolution; theoretical analysis; hardware implementatio ns and simulators; applications in engineering, artificial intelligence, and cognitive science. meets with C S 394N.

• 55130	W	900 - 1200	FNT 1.104	MIIKKULAINEN, R

PERCEPTUAL SYSTEMS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with PSY 387N.

• 55135	W	900 - 1200	SEA 4.242	HAYHOE, M

1-CURR TPCS IN BEHAV NEUROSCI

Course number may be repeated for credit when the topics vary. Brain-behavior relationships, particularly recent research in behavioralneuroscience, including the anatomical and neurochemical mechanisms of behavioral events, and behavioral influences on the brain. Neuroscience 394P (Topic 1) and Psychology 394P (Topic 1) may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with PSY 394P (TOPIC 1).

• 55140	W	300 - 600P	SEA 4.244	MONFILS, M

NEU 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in neuroscience and consent ofthe graduate adviser; for 698B, Neuroscience 698A.

• 55145

NEU 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in neuroscience and consent ofthe graduate adviser; for 698B, Neuroscience 698A.

• 55150

NEU 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 55155

NEU 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 55160

NEU 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 55165

NEU 399W DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Neuroscience 399R, 699R, or 999R.

• 55170

March 9, 2018

course	unique	days	time	room	instructor

NEU 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Neuroscience 399R, 699R, or 999R.
• 55175

NEU 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Neuroscience 399R, 699R, or 999R.
• 55180

PHYSICAL SCIENCE

Physical Science - P S

P S 303 INTRO PHYS SCI I: MECH & HEAT
Inquiry laboratory approach to basic concepts of measurement, forces, motion, energy, temperature, and heat. Designed for students with minimum prior preparation in mathematics and physics. Especially appropriate for prospective elementary school teachers. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. Restricted to students outside the College of Natural Sciences.

• 55235	MW	800 - 1000	RLM 8.318	
• 55240	TTH	800 - 1000	RLM 8.318	
• 55245	MW	900 - 1100	RLM 8.322	
• 55250	TTH	900 - 1100	RLM 8.322	
• 55255	MW	1000 - 1200	RLM 8.318	
• 55260	TTH	1000 - 1200	RLM 8.318	
• 55265	MW	1100 - 100P	RLM 8.322	
• 55270	TTH	1100 - 100P	RLM 8.322	
• 55275	MW	1200 - 200P	RLM 8.318	
• 55280	TTH	1200 - 200P	RLM 8.318	
• 55285	MW	200 - 400P	RLM 8.318	
• 55290	TTH	200 - 400P	RLM 8.318	
• 55295	MW	400 - 600P	RLM 8.318	
• 55300	TTH	400 - 600P	RLM 8.318	

P S 304 INTRO PHYS SCI II: EL/LIGHT/OP
Inquiry laboratory approach to electricity, magnetism, waves, light, andoptical instruments. Only one of the following may be counted: Physical Science 304, Physics 302L, 303L, 309L, 316, 317L. Restricted to students outside the College of Natural Sciences. Prerequisite: Physical Science 303.

• 55305	MW	800 - 1000	RLM 8.314	
• 55310	TTH	800 - 1000	RLM 8.314	
• 55315	MW	1000 - 1200	RLM 8.314	
• 55320	TTH	1000 - 1200	RLM 8.314	
• 55325	MW	1200 - 200P	RLM 8.314	
• 55330	TTH	1200 - 200P	RLM 8.314	
• 55335	MW	200 - 400P	RLM 8.314	
• 55340	TTH	200 - 400P	RLM 8.314	
• 55345	MW	400 - 600P	RLM 8.314	
• 55350	TTH	400 - 600P	RLM 8.314	

DEPARTMENT OF PHYSICS

Physics - PHY

PHY 301 MECHANICS
Designed for students who intend to major in science or mathematics. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. Prerequisite: Credit with a grade of at least C- or registration in Mathematics 408D, 408L, or 408S, and Physics 101L; and an appropriate score on the physics assessment exam.

• 55405	MWF	1000 - 1100	PAI 2.48	GORDON, V

MECHANICS
Additional hour(s) to be arranged. Designed for students who intend to major in science or mathematics. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. Prerequisite: Credit with a grade of at least C- or registration in Mathematics 408D, 408L, or 408S, and Physics 101L; and an appropriate score on the physics assessment exam.

• 55410	MWF	1100 - 1200	PAI 2.48	GORDON, V

PHY 101L LABORATORY FOR PHY 301
Only one of the following may be counted without prior approval of the department: Physics 101L, 102M, 103M, 117M. May not be counted toward a degree unless prerequisite is observed. Prerequisite: Credit with a grade of at least C- or registration for Physics 301.

• 55415	M	800 - 1100	RLM 7.322	GENTLE, K
• 55420	T	800 - 1100	RLM 7.322	GENTLE, K
• 55425	TH	800 - 1100	RLM 7.322	GENTLE, K
• 55430	F	800 - 1100	RLM 7.322	GENTLE, K
• 55435	M	200 - 500P	RLM 7.322	GENTLE, K
• 55440	T	200 - 500P	RLM 7.322	GENTLE, K
• 55445	W	200 - 500P	RLM 7.322	GENTLE, K
• 55450	W	500 - 800P	RLM 7.322	GENTLE, K
• 55455	W	800 - 1100P	RLM 7.322	GENTLE, K

PHY 302K GEN PHY TCH CRS: MECH/HEAT/SND
Noncalculus technical course in physics. Completion of high school trigonometry or Mathematics 305G is highly recommended. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. Prerequisite: Credit with a grade of at least C- or registration for Physics 102M.

• 55460	TTH	330 - 500P	PAI 2.48	LAI, K

GEN PHY TCH CRS: MECH/HEAT/SND
Laboratory hour(s) to be arranged. Noncalculus technical course in physics. Completion of high school trigonometry or Mathematics 305G is highly recommended. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. Prerequisite: Credit with a grade of at least C- or registration for Physics 102M.

• 55465	TTH	1230 - 200P	PAI 2.48	MARKERT, C

GEN PHY TCH CRS: MECH/HEAT/SND
Additional hour(s) to be arranged. Noncalculus technical course in physics. Completion of high school trigonometry or Mathematics 305G is highly recommended. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. Prerequisite: Credit with a grade of at least C- or registration for Physics 102M.

• 55470	MWF	200 - 300P	PAI 2.48	MARKERT, C

PHY 302L GEN PHY TCH CRS: ELEC/LGHT/NUC
Noncalculus technical course in physics. Only one of the following may be counted: Physical Science 304, Physics 302L, 303L, 309L, 316, 317L. Prerequisite: Credit with a grade of at least C- in Physics 302K and 102M; credit with a grade of at least C- or registration in Physics 102N.

• 55475	TTH	800 - 930	PAI 4.42	GENTLE, K
• 55480	MWF	200 - 300P	PAI 4.42	COKER, W

PHY 102M LABORATORY FOR PHY 302K
Only one of the following may be counted without prior approval of the department: Physics 101L, 102M, 103M, 117M. May not be counted toward a degree unless prerequisite is observed. Prerequisite: Credit with a grade of at least C- or registration for Physics 302K.

• 55485	M	800 - 1000	RLM 8.202	REICHL, L
• 55490	T	800 - 1000	RLM 8.202	REICHL, L
• 55495	W	800 - 1000	RLM 8.202	REICHL, L
• 55500	M	1000 - 1200	RLM 8.202	REICHL, L
• 55505	T	1000 - 1200	RLM 8.202	REICHL, L
• 55510	W	1000 - 1200	RLM 8.202	REICHL, L
• 55515	F	1000 - 1200	RLM 8.202	REICHL, L
• 55520	M	1200 - 200P	RLM 8.202	REICHL, L
• 55525	T	1200 - 200P	RLM 8.202	REICHL, L
• 55530	W	1200 - 200P	RLM 8.202	REICHL, L
• 55535	M	200 - 400P	RLM 8.202	REICHL, L
• 55540	T	200 - 400P	RLM 8.202	REICHL, L
• 55545	M	400 - 600P	RLM 8.202	REICHL, L
• 55550	T	400 - 600P	RLM 8.202	REICHL, L
• 55555	M	600 - 800P	RLM 8.202	REICHL, L
• 55560	T	600 - 800P	RLM 8.202	REICHL, L
• 55565	M	800 - 1000P	RLM 8.202	REICHL, L
• 55570	T	800 - 1000P	RLM 8.202	REICHL, L

PHY 102N LABORATORY FOR PHY 302L
Only one of the following may be counted without prior approval of the department: Physics 102N, 103N, 116L, 117N. May not be counted toward a degree unless prerequisite is observed. Prerequisite: Credit with a grade of at least C- or registration for Physics 302L.

• 55575	TH	900 - 1100	RLM 8.202	YAO, Z
• 55580	TH	1100 - 100P	RLM 8.202	YAO, Z
• 55585	TH	100 - 300P	RLM 8.202	YAO, Z
• 55590	TH	300 - 500P	RLM 8.202	YAO, Z
• 55595	W	400 - 600P	RLM 8.202	YAO, Z
• 55600	TH	500 - 700P	RLM 8.202	YAO, Z
• 55605	W	600 - 800P	RLM 8.202	YAO, Z
• 55610	TH	700 - 900P	RLM 8.202	YAO, Z
• 55615	W	800 - 1000P	RLM 8.202	YAO, Z

PHY 303K ENGINEERING PHYSICS I
A general survey of physics; primarily laws of motion, heat, and wave phenomena. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. Prerequisite: Credit with a grade of at least C- or registration in Mathematics 408D, 408L, or 408S, and Physics 103M; and an appropriate score on the physics assessment exam.

• 55620	MWF	800 - 900	PAI 2.48	SWINNEY, H
	T	600 - 700P	RLM 7.116	
• 55625	MWF	800 - 900	PAI 2.48	SWINNEY, H
	T	700 - 800P	RLM 7.116	
• 55630	MWF	800 - 900	PAI 2.48	SWINNEY, H
	T	800 - 900P	RLM 7.116	
• 55635	MWF	800 - 900	PAI 2.48	SWINNEY, H
	T	900 - 1000P	RLM 7.116	
• 55640	TTH	800 - 930	PAI 2.48	TSOI, M
	TH	600 - 700P	RLM 7.124	
• 55645	TTH	800 - 930	PAI 2.48	TSOI, M
	TH	700 - 800P	RLM 7.124	
• 55650	TTH	800 - 930	PAI 2.48	TSOI, M
	TH	800 - 900P	RLM 7.124	

April 3, 2013

course	unique	days	time	room	instructor
	• 55655	TTH	800 - 930	PAI 2.48	TSOI, M
		TH	900 - 1000P	RLM 7.124	
	• 55660	TTH	930 - 1100	PAI 2.48	SHIH, C
		W	600 - 700P	RLM 7.114	
	• 55665	TTH	930 - 1100	PAI 2.48	SHIH, C
		W	700 - 800P	RLM 7.114	
	• 55670	TTH	930 - 1100	PAI 2.48	SHIH, C
		W	800 - 900P	RLM 7.114	
	• 55675	TTH	930 - 1100	PAI 2.48	SHIH, C
		W	900 - 1000P	RLM 7.114	

PHY 303L ENGINEERING PHYSICS II

Electricity and magnetism, optics, and atomic phenomena. Only one of the following may be counted: Physical Science 304, Physics 302L, 303L, 309L, 316, 317L. Prerequisite: Physics 303K and 103M with a grade of at least C- in each;credit with a grade of at least C- or registration in Mathematics 408D or 408M, and Physics 103N.

• 55700	MWF	800 - 900	PAI 4.42	YEAZELL, J
	W	600 - 700P	RLM 7.116	
• 55705	MWF	800 - 900	PAI 4.42	YEAZELL, J
	W	700 - 800P	RLM 7.116	
• 55710	MWF	800 - 900	PAI 4.42	YEAZELL, J
	W	800 - 900P	RLM 7.116	
• 55715	MWF	800 - 900	PAI 4.42	YEAZELL, J
	W	900 - 1000P	RLM 7.116	
• 55720	TTH	930 - 1100	PAI 4.42	ERSKINE, J
	T	600 - 700P	JES A303A	
• 55725	TTH	930 - 1100	PAI 4.42	ERSKINE, J
	T	700 - 800P	JES A303A	
• 55730	TTH	930 - 1100	PAI 4.42	ERSKINE, J
	T	800 - 900P	JES A303A	
• 55735	TTH	930 - 1100	PAI 4.42	ERSKINE, J
	T	900 - 1000P	JES A205A	
• 55740	MWF	100 - 200P	PAI 4.42	COKER, W
	M	600 - 700P	RLM 7.116	
• 55745	MWF	100 - 200P	PAI 4.42	COKER, W
	M	700 - 800P	RLM 7.116	
• 55750	MWF	100 - 200P	PAI 4.42	COKER, W
	M	800 - 900P	RLM 7.116	
• 55755	MWF	100 - 200P	PAI 4.42	COKER, W
	M	900 - 1000P	RLM 7.116	
• 55760	TTH	330 - 500P	PAI 4.42	POTTER, A
	T	600 - 700P	RLM 7.114	
• 55765	TTH	330 - 500P	PAI 4.42	POTTER, A
	T	700 - 800P	RLM 7.114	
• 55770	TTH	330 - 500P	PAI 4.42	POTTER, A
	T	800 - 900P	RLM 7.114	
• 55775	TTH	330 - 500P	PAI 4.42	POTTER, A
	T	900 - 1000P	RLM 7.114	

PHY 103M LABORATORY FOR PHY 303K

Only one of the following may be counted: Physics 101L, 102M, 103M, 117M. May not be counted toward a degree unless prerequisite is observed. Prerequisite: Credit with a grade of at least C- or registration for Physics 303K.

• 55780	M	1000 - 1200	RLM 8.316	KETO, J
• 55785	T	1000 - 1200	RLM 8.316	KETO, J
• 55790	T	1200 - 200P	RLM 8.316	KETO, J
• 55795	W	1200 - 200P	RLM 8.316	KETO, J
• 55800	TH	1200 - 200P	RLM 8.316	KETO, J
• 55805	M	200 - 400P	RLM 8.316	KETO, J
• 55810	T	200 - 400P	RLM 8.316	KETO, J
• 55815	W	200 - 400P	RLM 8.316	KETO, J
• 55820	TH	200 - 400P	RLM 8.316	KETO, J
• 55825	M	400 - 600P	RLM 8.316	KETO, J
• 55830	TH	600 - 800P	RLM 8.316	KETO, J

PHY 103N LABORATORY FOR PHY 303L

Only one of the following may be counted: Physics 102N, 103N, 116L, 117N. May not be counted toward a degree unless prerequisite is observed. Prerequisite: Credit with a grade of at least C- or registration for Physics 303L.

• 55835	T	800 - 1000	RLM 8.206	MARKERT, J
	T	1000 - 1100	RLM 11.204	
• 55840	M	900 - 1100	RLM 8.206	MARKERT, J
	M	1100 - 1200	PAR 308	
• 55845	T	900 - 1100	RLM 8.320	MARKERT, J
	T	1100 - 1200	RLM 8.320	
• 55850	M	1000 - 1200	RLM 8.320	MARKERT, J
	M	1200 - 100P	RLM 5.126	
• 55855	W	1000 - 1200	RLM 8.320	MARKERT, J
	W	1200 - 100P	RLM 8.320	
• 55860	T	1100 - 100P	RLM 8.206	MARKERT, J
	T	100 - 200P	RLM 8.206	
• 55865	M	1200 - 200P	RLM 8.320	MARKERT, J
	M	200 - 300P		
• 55870	T	1200 - 200P	RLM 8.320	MARKERT, J
	T	200 - 300P	RLM 8.320	
• 55875	TH	1200 - 200P	RLM 8.320	MARKERT, J
	TH	200 - 300P	RLM 8.320	
• 55880	M	200 - 400P	RLM 8.320	MARKERT, J
	M	400 - 500P	RLM 5.126	
• 55885	T	200 - 400P	RLM 8.206	MARKERT, J
	T	400 - 500P	BUR 228	
• 55890	W	200 - 400P	RLM 8.320	MARKERT, J
	W	400 - 500P	RLM 5.112	
• 55895	M	400 - 600P	RLM 8.206	MARKERT, J
	M	600 - 700P	RLM 5.112	
• 55900	T	400 - 600P	RLM 8.320	MARKERT, J
	T	600 - 700P	RLM 8.320	
• 55905	W	400 - 600P	RLM 8.320	MARKERT, J
	W	600 - 700P		
• 55910	M	600 - 800P	RLM 8.206	MARKERT, J
	M	800 - 900P		
• 55915	M	600 - 800P	RLM 8.320	MARKERT, J
	M	800 - 900P		
• 55920	W	600 - 800P	RLM 8.320	MARKERT, J
	W	800 - 900P		

PHY 308F INTRODUCTION TO RESEARCH-FRI

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Introductory laboratory experience; use of tools and test equipment; beginning apprenticeship in active physics research. Prerequisite: Consent of instructor and the undergraduate adviser. Restricted to students in the Freshman Research Initiative.

• 55925	F	300 - 500P	RLM 6.112	MARKERT, J
• 55930	TTH	330 - 500P		LA COUR, B

PHY 309K ELEM PHY FOR NONTECH STUDENTS

Mechanics, heat, and sound. Designed for students who do not intend to do further work in natural sciences, engineering, mathematics, or medicine. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. May not be counted toward a degree in the College of Natural Sciences.

• 55935	MWF	900 - 1000	PAI 2.48	FISCHLER, W

PHY 110C SCIENCE OF THE TIMES

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Supervised study of selected topics in physics, by individual arrangement with department and instructor. Prerequisite: Written consent of instructor.

• 55940	M	1100 - 1200	JES A218A	KILIC, C
• 55945	F	100 - 200P	RLM 5.116	SITZ, G

PHY 315 WAVE MOTION AND OPTICS

Study of general properties of waves; examples include sound, electromagnetic, and mechanical waves; special emphasis on light and optics. Prerequisite: The following coursework with a grade of at least C- in each: Mathematics 427J or 427K; Physics 316 and 116L; and credit with a grade of at least C- or registration for Physics 115L.

• 55950	MWF	1100 - 1200	PAI 4.42	FITZPATRICK, R

PHY 115L LABORATORY FOR PHY 315

May not be counted toward a degree unless prerequisite is observed. Prerequisite: Credit with a grade of at least C- or registration for Physics 315.

• 55955	TH	1100 - 200P	RLM 7.322	HEINZEN, D
• 55960	TH	200 - 500P	RLM 7.322	HEINZEN, D
• 55965	M	500 - 800P	RLM 7.322	HEINZEN, D
• 55970	T	500 - 800P	RLM 7.322	HEINZEN, D
• 55975	T	800 - 1100P	RLM 7.322	HEINZEN, D

PHY 316 ELECTRICITY AND MAGNETISM

Only one of the following may be counted: Physical Science 304, Physics 302L, 303L, 309L, 316, 317L. Prerequisite: Physics 301 and 101L with a grade of at least C- in each; credit with a grade of at least C- or registration in Mathematics 408D or 408M, and Physics 116L.

• 55980	MWF	1000 - 1100	PAI 4.42	MARKERT, J

PHY 116L LABORATORY FOR PHY 316

Only one of the following may be counted without prior approval of the department: Physics 102N, 103N, 116L, 117N. May not be counted toward a degree unless prerequisite is observed. Prerequisite: Credit with a grade of at least C- or registration for Physics 316.

• 55985	M	1100 - 200P	RLM 7.322	GENTLE, K
• 55990	T	1100 - 200P	RLM 7.322	GENTLE, K
• 55995	W	1100 - 200P	RLM 7.322	GENTLE, K
• 56000	TH	500 - 800P	RLM 7.322	GENTLE, K
• 56005	M	800 - 1100P	RLM 7.322	GENTLE, K

PHY 317K GENERAL PHYSICS I

Mechanics, heat, and sound, with biomedical applications. An introductory course designed and recommended primarily for premedical students and others in the biomedical sciences whose professional or preprofessional training includes an introductory course in calculus. Satisfies most medical and dental school requirements for physics. Only one of the following may be counted: Physical Science 303, Physics 301, 302K, 303K, 309K, 317K. May not be counted toward the Bachelor of Science in Astronomy or Bachelor of Science in Physics. Prerequisite: Credit with a grade of at least C- in Mathematics 408C or 408R; or credit with a grade of at least C- in 408K or 408N and registration for 408L or 408S; and credit with a grade of at least C- or registration for Physics 117M.

• 56010	TTH	1100 - 1230P	PAI 2.48	LANG, K
• 56015	TTH	200 - 330P	PAI 2.48	LANG, K

PHY 317L GENERAL PHYSICS II

Electricity and magnetism, light, atomic and molecular physics, nuclear physics, and their biomedical applications. Designed and recommended primarily for premedical students and others in the biomedical sciences whose professional or preprofessional

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course	unique	days	time	room	instructor

training includes an introductory course in calculus. Satisfies most medical and dental school requirements for physics. Only one of the following may be counted: Physical Science 304, Physics 302L, 303L, 309L, 316, 317L. May not be counted toward the Bachelor of Science in Astronomy or Bachelor of Science in Physics. Prerequisite: Physics 317K and 117M with a grade of at least C-; and credit with a grade of at least C- or registration in Physics 117N.

• 56020	TTH	1100 - 1230P	PAI 4.42	YAO, Z
• 56025	TTH	1230 - 200P	PAI 4.42	YAO, Z

PHY 117M LABORATORY FOR PHY 317K

Only one of the following may be counted without prior approval of the department: Physics 101L, 102M, 103M, 117M. Prerequisite: Credit with a grade of at least C- or registration for Physics 317K.

• 56030	M	800 - 1100	RLM 8.210	SITZ, G
• 56035	T	800 - 1100	RLM 8.210	SITZ, G
• 56040	W	800 - 1100	RLM 8.210	SITZ, G
• 56045	TH	800 - 1100	RLM 8.210	SITZ, G
• 56050	M	1100 - 200P	RLM 8.210	SITZ, G
• 56055	W	1100 - 200P	RLM 8.210	SITZ, G
• 56060	T	100 - 400P	RLM 8.210	SITZ, G
• 56065	M	200 - 500P	RLM 8.210	SITZ, G
• 56070	W	200 - 500P	RLM 8.210	SITZ, G
• 56075	T	400 - 700P	RLM 8.210	SITZ, G
• 56080	TH	400 - 700P	RLM 8.210	SITZ, G
• 56085	M	500 - 800P	RLM 8.210	SITZ, G
• 56090	W	500 - 800P	RLM 8.210	SITZ, G
• 56095	T	700 - 1000P	RLM 8.210	SITZ, G
• 56100	TH	700 - 1000P	RLM 8.210	SITZ, G

PHY 117N LABORATORY FOR PHY 317L

Only one of the following may be counted without prior approval of the department: Physics 102N, 103N, 116L, 117N. Prerequisite: Credit with a grade of at least C- or registration for Physics 317L.

• 56105	T	800 - 1100	RLM 8.208	SCHWITTERS, R
• 56110	W	800 - 1100	RLM 8.208	SCHWITTERS, R
• 56115	M	1100 - 200P	RLM 8.208	SCHWITTERS, R
• 56120	T	1100 - 200P	RLM 8.208	SCHWITTERS, R
• 56125	W	1100 - 200P	RLM 8.208	SCHWITTERS, R
• 56130	M	200 - 500P	RLM 8.208	SCHWITTERS, R
• 56135	T	200 - 500P	RLM 8.208	SCHWITTERS, R
• 56140	W	200 - 500P	RLM 8.208	SCHWITTERS, R
• 56145	M	500 - 800P	RLM 8.208	SCHWITTERS, R
• 56150	T	500 - 800P	RLM 8.208	SCHWITTERS, R
• 56155	W	500 - 800P	RLM 8.208	SCHWITTERS, R

PHY 321 MODERN PHYSICS: PLAN II

Restricted to students registered under Plan II for the BA degree. Conceptual foundations of modern physics. Examines quantum mechanics, quantum field theory, relativity, and general relativity, including large-scale structure and cosmology; and the development of analytic problem-solving skills, including estimation. Restricted to Plan II students. Prerequisite: Upper-division standing.

• 56160	TTH	200 - 330P	PAI 4.42	GLEESON, A

PHY 329 INTRO TO COMPUTATIONAL PHYSICS

Computational methods for problem solving and research in physics; numerical analysis and computer simulation methods for physics applications using different types of computers. Only one of the following may be counted: Computer Science 367, Mathematics 368K, Physics 329. Prerequisite: The following coursework with a grade of at least C- in each: Physics 315 and 115L; a programming course at the level of Computer Science 303E with a grade of at least C- or consent of instructor; and credit with a grade of at least C- or registration for Mathematics 341 or 340L.

• 56165	TTH	330 - 500P	RLM 5.120	DEMKOV, A

PHY 336K CLASSICAL DYNAMICS

Elementary linear vector algebra, Newtonian mechanics, Lagrangian mechanics, central force motion, dynamics of rigid bodies, and theory of small oscillations. Prerequisite: The following coursework with a grade of at least C- in each: Mathematics 427L or 364K, Physics 315, and 115L.

• 56170	TTH	800 - 930	RLM 7.104	MATZNER, R

PHY 338K ELECTRONIC TECHNIQUES

Elementary circuit theory, amplifiers, feedback, pulse and digital techniques, signal processing, and microprocessors as applied to physics instrumentation. Prerequisite: The following coursework with a grade of at least C- in each: Mathematics 427J or 427K, Physics 316, and 116L.

• 56175	T	200 - 330P	RLM 5.118	ERSKINE, J
	TH	200 - 500P	RLM 8.206	

PHY 341 FORENSIC SCIENCE

Course number may be repeated for credit when the topics vary. May not be counted toward the Bachelor of Science in Physics degree without prior approval of the department. Prerequisite: Upper-division standing, three semester hours of coursework in a natural science, and three semester hours of coursework in mathematics.

• 56180	MWF	900 - 1000	PAI 4.42	FINK, M

7-RESEARCH METHODS: UTEACH

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. May not be counted toward the Bachelor of Science in Physics degree without prior approval of the department. Prerequisite: Upper-division standing, three semester hours of coursework in a natural science, and three semester hours of coursework in mathematics. Restricted to students seeking math and science certification in the UTeach program. meets with BIO 337 (TOPIC 2), CH 368 (TOPIC 1).

• 56185	M	1100 - 100P	PAI 4.08	BOLNICK, D
	W	1100 - 100P	PAI 4.14	
• 56190	M	900 - 1100	PAI 4.08	MARDER, M
	W	900 - 1100	PAI 4.14	

PHY 352K CLASSICAL ELECTRODYNAMICS I

Electrostatic fields, magnetostatic fields, derivation of Green's theorems and functions and of Maxwell's equations. Prerequisite: The following coursework with a grade of at least C- in each: Mathematics 427L or 364K, Physics 315, and 115L.

• 56195	TTH	330 - 500P	RLM 7.104	KAPLUNOVSKY, V

PHY 353L MODERN PHYSICS LABORATORY

Laboratory experiments investigating the breakdown of classical physics for microscopic phenomena. Includes absorption and emission spectra, the photoelectric effect, blackbody radiation, the Compton effect, X-ray diffraction, and other experiments in modern physics. Prerequisite: The following coursework with a grade of at least C- in each: Physics 315 and 115L.

• 56200	M	500 - 630P	RLM 7.114	HEINZEN, D
	MW	200 - 500P	RLM 7.302	
• 56205	M	500 - 630P	RLM 7.114	HEINZEN, D
	TTH	200 - 500P	RLM 7.302	
• 56210	M	500 - 630P	RLM 7.114	HEINZEN, D
	TTH	500 - 800P	RLM 7.302	

PHY 355 MODERN PHYSICS & THERMODYNAMS

Introduction to modern physics and thermodynamics: photons (spectra, photoelectric effect, blackbody radiation, Compton effect), atoms (Rutherford, Bohr), matter waves (Planck, deBroglie, probability interpretation, Schroedinger), nuclei, particles, special relativity, the laws of thermodynamics, and statistical physics. Prerequisite: Physics 303L or 316 with a grade of at least C-.

• 56215	MWF	1000 - 1100	BUR 224	SITZ, G

PHY 362K QUANT PHYS II: ATOMS/MOLECULES

The two-electron atom; spin and statistics; coupling schemes for many-electron atoms; atoms and the radiation field; perturbation methods for decay and collisions; thermal, electrical, and magnetic properties of solids; and free-electron metal and band theory. May include subjects such as superconductivity, Josephson tunneling, and others. Prerequisite: Physics 373 with a grade of at least C-.

• 56220	MWF	900 - 1000	RLM 7.104	PABAN, S

PHY 362L QUANT PHYS III: PARTCLS/NUCLEI

Nuclei and nucleons, their gross properties; the hadrons; symmetries and conservation laws; nuclear stability; electromagnetic, weak, and hadronic interactions; nuclear reactions at low, medium, and high energies; nucleon structure; tools of experimental nuclear physics; models of theoretical nuclear physics; nuclear technology. Prerequisite: Physics 373 with a grade of at least C-; Physics 362K is recommended.

• 56225	TTH	1230 - 200P	RLM 5.124	SCHWITTERS, R

PHY 369 THERMODYNAMICS AND STAT MECH

Basic concepts of thermal physics; entropy, enthalpy, free energy, phase transitions, equilibrium distribution functions, applications. Prerequisite: Credit with a grade of at least C- or registration for Physics 373.

• 56230	MWF	100 - 200P	RLM 7.104	RAIZEN, M

PHY 670TA SENIOR THESIS

Hour(s) to be arranged. Individual research with faculty supervision. First half involves preparation of proposal; second involves completion of written thesis. Only three semester hours may be counted toward the Bachelor of Science in Physics degree. Prerequisite: Upper-division standing and nine semester hours of upper-division coursework in physics.

• 56235

PHY 670TB SENIOR THESIS

Hour(s) to be arranged. Individual research with faculty supervision. First half involves preparation of proposal; second involves completion of written thesis. Only three semester hours may be counted toward the Bachelor of Science in Physics degree. Prerequisite: Upper-division standing and nine semester hours of upper-division coursework in physics.

• 56240

PHY 371C INDIVIDUAL STUDY IN PHYSICS

Hour(s) to be arranged. May be repeated for credit. Supervised reading or research in physics. Prerequisite: Upper-division standing; Physics 336K with a grade of at least C-; credit with a grade of at least C- or registration for Physics 352K; and consent of the undergraduate adviser.

• 56245

PHY 373 QUANTUM PHYSICS I: FOUNDATIONS

Postulates of quantum mechanics, the bound states of the finite square well, the harmonic oscillator, operator-eigenvalue formulism and selected examples, the hydrogen atom, angular momentum, rigid rotor, and spin. May include simple scattering theory. Prerequisite: The following coursework with a grade of at least C- in each: Physics 336K, 353L, and 355.

• 56250	MWF	1000 - 1100	RLM 7.104	CACERES, E

PHY 474 ADVANCED LABORATORY I

Laboratory hour(s) to be arranged. Modern experimental techniques, theory of error, and analysis of experiments; both modern and classical experiments in atomic and nuclearphysics, electricity and magnetism, optics and heat. With consent of instructor,

course	unique	days	time	room	instructor

may be repeated for credit. Prerequisite: Physics 352K, 353L, and 355; or consent of the undergraduate adviser. Physics 338K is recommended.
• 56255 TTH 930 - 1100 RLM 7.112 KETO, J

PHY 375R INTRODUCTION TO RELATIVITY
Overview of the special and general theories of relativity, with emphasis on recent developments in gravitation. Prerequisite: Physics 352K with a grade of at least C-.
• 56260 MWF 900 - 1000 RLM 5.116 KILIC, C

PHY 380M PLASMA PHYSICS II
Plasma containment, stability theory in fluid models, derivation of Vlasov and Fokker-Planck equations, the dielectric tensor, velocity space and gradient instabilities, Nyquist diagrams. Prerequisite: Graduate standing and Physics 380L or consent of instructor.
• 56265 TTH 1230 - 200P RLM 5.126 MORRISON, P

PHY 380N EXPERIMENTAL PHYSICS
Additional hour(s) to be arranged. Experimental work to provide exposure to physics research techniques. Prerequisite: Graduate standing and concurrent enrollment in Physics 390.
• 56270 MWF 1100 - 1230P RLM 5.116 ERSKINE, J

PHY 382P BIOPHYSICS I
The cell, small molecules and chemical kinetics, forces on the molecularscale, proteins, lipids and membranes, biopolymers, neurons and electrical signal transduction, and complex pattern formation in cells and cell aggregates. Prerequisite: Graduate standing and consent of instructor.
• 56275 MWF 200 - 300P RLM 5.114 FLORIN, E

PHY 382S SEMINAR IN NONLINEAR DYNAMICS
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 56280 MWF 100 - 200P RLM 11.204 SWINNEY, H

PHY 385K CLASSICAL MECHANICS
Classical and relativistic Hamiltonian mechanics; Hamilton-Jacobi theory; Lagrangian mechanics for continuous media; symmetry principles and conservation laws. Prerequisite: Graduate standing.
• 56285 TTH 1100 - 1230P RLM 6.112 HAZELTINE, R

PHY 385L STATISTICAL MECHANICS
Equilibrium statistical mechanics; introduction to nonequilibrium concepts; ensembles; classical and quantum gases; statistical physics of solids. Prerequisite: Graduate standing, and Physics 385K or consent of instructor.
• 56290 MWF 1200 - 100P RLM 7.112 REICHL, L

PHY 385S SEMINAR IN STATISTICAL PHYSICS
Offered on the credit/no credit basis only. May be repeated for credit. Topics to be announced. Prerequisite: Graduate standing and consent of instructor. meets with PHY 392S.
• 56295 TTH 1230 - 200P RLM 11.204 REICHL, L

PHY 386K PHYSICS OF SENSORS
Physical principles of acoustic, optical, electromagnetic, radiation, and motion sensors. Prerequisite: Graduate standing and consent of instructor.
• 56300 TTH 400 - 530P RLM 5.112 DE LOZANNE, A

PHY 387K ELECTROMAGNETIC THEORY I
Electrostatics and magnetostatics; boundary value problems; Maxwell's equations; plane waves; wave guides; diffraction; multipole radiation. Prerequisite: Graduate standing.
• 56305 TTH 200 - 330P RLM 6.112 DOWNER, M

PHY 388M GRADUATE COLLOQUY
Offered on the credit/no credit basis only. Reviews of current topics in physics research. Prerequisite: Graduate standing.
• 56310 W 300 - 600P RLM 4.102 RAIZEN, M

PHY 389K QUANTUM MECHANICS I
Hilbert space and operators; Schroedinger and Heisenberg equations; solutions for systems in one and three dimensions; theory of spin and orbital angular momentum; the effect of symmetries; approximation techniques; elementary scattering theory. Prerequisite: Graduate standing.
• 56315 TTH 930 - 1100 RLM 7.104 WEINBERG, S

PHY 190 GRADUATE RESEARCH
Hour(s) to be arranged. May not be counted toward the master's degree in physics. Prerequisite: Graduate standing, and written consent of instructor filedwith the graduate adviser.
• 56320

PHY 290 GRADUATE RESEARCH
Hour(s) to be arranged. May not be counted toward the master's degree in physics. Prerequisite: Graduate standing, and written consent of instructor filedwith the graduate adviser.
• 56325

PHY 390 GRADUATE RESEARCH
Hour(s) to be arranged. May not be counted toward the master's degree in physics. Prerequisite: Graduate standing, and written consent of instructor filedwith the graduate adviser.
• 56330

PHY 690 GRADUATE RESEARCH
Hour(s) to be arranged. May not be counted toward the master's degree in physics. Prerequisite: Graduate standing, and written consent of instructor filedwith the graduate adviser.
• 56335

PHY 392L SOLID-STATE PHYSICS II
Elementary excitations: phonons, electrons, spin waves; interactions: phonon-phonon, electron-electron, electron-phonon; theory of metals and semiconductors; transport theory; optical properties. Prerequisite: Graduate standing and Physics 392K.
• 56340 TTH 800 - 930 RLM 5.114 MACDONALD, A

PHY 392N MANY-BODY THEORY
Overview of many-body theory; second quantization; Green's functions andFeynman diagrams; finite-temperature, imaginary-time Green's functions; the disordered metal; path integrals; broken symmetries; and local moments. Prerequisite: Graduate standing and consent of instructor.
• 56345 MWF 100 - 200P RLM 5.114 FIETE, G

PHY 392S SEMINAR IN SOLID-STATE PHYSICS
Offered on the credit/no credit basis only. May be repeated for credit. Topics to be announced. Prerequisite: Graduate standing and consent of instructor. meets with PHY 385S.
• 56350 TTH 1230 - 200P RLM 11.204 FIETE, G

PHY 393S SEMINAR IN RELATIVITY
Offered on the credit/no credit basis only. May be repeated for credit. Topics to be announced. Prerequisite: Graduate standing and consent of instructor.
• 56355 TTH 330 - 500P RLM 9.222 MATZNER, R

PHY 395M LASER PHYSICS
Continuation of Physics 395K. Advanced atomic physics of various laser systems, optical coherence and diffraction theory, pulse propagation and dispersion effects, advanced laser oscillator and amplifier physics, laser amplifier chain design, and chirped-pulse amplification. Prerequisite: Graduate standing, Physics 387K, 389K, and 395K, and consent of instructor.
• 56360 TTH 930 - 1100 RLM 6.112 DITMIRE, T

PHY 395S SMNR IN ATOMIC AND MOLEC PHY
Offered on the credit/no credit basis only. May be repeated for credit. Topics to be announced. Prerequisite: Graduate standing and consent of instructor.
• 56365 F 400 - 700P RLM 5.114 FINK, M

PHY 396K QUANTUM FIELD THEORY I
Quantization of the Klein-Gordon, Dirac, and electromagnetic field theories; theory of interacting fields, perturbation theory, and renormalization. Prerequisite: Graduate standing and Physics 389K.
• 56370 MWF 900 - 1000 RLM 5.114 DICUS, D

PHY 396P STRING THEORY I
Introduction to string theory and conformal field theory. The free string, conformal invariance and conformal field theory, supersymmetry and string interactions. Prerequisite: Graduate standing, and Physics 396K or the equivalent or consent of instructor.
• 56375 MWF 1000 - 1100 RLM 6.112 DISTLER, J

PHY 396T SPECIAL TOPICS IN PARTICLE PHY
Additional hour(s) to be arranged. Topics to be announced. With consent of instructor, may be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 56380 T 500 - 630P RLM 5.104 COKER, W

PHY 396U THEORY GROUP SEMINAR
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Seminars in theoretical physics. Prerequisite: Graduate standing and consent of instructor.
• 56385 TTH 200 - 330P RLM 9.222 KILIC, C

PHY 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in physics and written consent of the supervising professor filed with the graduate adviser; for 698B, Physics 698A.
• 56390

PHY 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in physics and written consent of the supervising professor filed with the graduate adviser; for 698B, Physics 698A.
• 56395

PHY 398T SUPERVISED TEACHING IN PHYSICS
A review of physics teaching strategies, administrative procedures, and classroom responsibilities. Includes a review and critique of each participant's classroom teaching. Prerequisite: Graduate standing and appointment as a teaching assistant.
• 56400 MW 800 - 1000 GLEESON, A

PHY 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of instructor filed with the graduate adviser.
• 56405

PHY 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of instructor filed with the graduate adviser.
• 56410

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course	unique	days	time	room	instructor

PHY 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent of instructor filed with the graduate adviser.
• 56415

PHY 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Physics 399R, 699R, or 999R; and written consent of instructor filed with the graduate adviser.
• 56420

PHY 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Physics 399R, 699R, or 999R; and written consent of instructor filed with the graduate adviser.
• 56425

PHY 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Physics 399R, 699R, or 999R; and written consent of instructor filed with the graduate adviser.
• 56430

DIVISION OF STATISTICS AND SCIENTIFIC COMPUTATION

Statistics and Data Sciences - SDS

SDS 301 ELEM STATISTICAL METHODS
Covers the fundamental procedures for data organization and analysis. Subjects include frequency distributions, graphical presentation, sampling, experimental design, inference, and regression. Only one of the following may be counted: Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301. A student may not earn credit for Educational Psychology 371, Mathematics 316, Statistics 309 or Statistics and Data Sciences 301 after having received credit for any of the following with a grade of at least C-: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, or 328M.

course	unique	days	time	room	instructor
	• 56485	MW	1100 - 1230P	UTC 4.132	
	• 56490	TTH	200 - 330P	BUR 112	

SDS 302 DATA ANLY FOR HEALTH SCIENCES
Additional hour(s) to be arranged. Basic probability and data analysis for the sciences. Subjects include randomness, sampling, distributions, probability models, inference, regression, and nonlinear curve fitting. Only one of the following may be counted: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, 328M.

course	unique	days	time	room	instructor
	• 56495	TTH	800 - 930	UTC 3.112	
		M	900 - 1000	FAC 101B	
	• 56500	TTH	800 - 930	UTC 3.112	
		M	1000 - 1100	FAC 101B	
	• 56505	TTH	800 - 930	UTC 3.112	
		M	1100 - 1200	FAC 101B	
	• 56510	MW	900 - 1030	UTC 3.112	
		F	200 - 300P	FAC 101B	
	• 56515	MW	900 - 1030	UTC 3.112	
		F	300 - 400P	FAC 101B	
	• 56520	MW	900 - 1030	UTC 3.112	
		F	400 - 500P	FAC 101B	
	• 56525	MW	1100 - 1230P	UTC 3.122	
		M	200 - 300P	WEL 2.144	
	• 56530	MW	1100 - 1230P	UTC 3.122	
		M	300 - 400P	WEL 2.144	
	• 56535	MW	1100 - 1230P	UTC 3.122	
		M	400 - 500P	WEL 2.144	
	• 56540	MW	1230 - 200P	UTC 3.102	
		TH	800 - 900	FAC 101B	
	• 56545	MW	1230 - 200P	UTC 3.102	
		TH	900 - 1000	FAC 101B	
	• 56550	MW	1230 - 200P	UTC 3.102	
		TH	1000 - 1100	FAC 101B	
	• 56555	MW	100 - 230P	UTC 4.122	
		W	300 - 400P	WEL 2.144	
	• 56560	MW	100 - 230P	UTC 4.122	
		W	400 - 500P	WEL 2.144	
	• 56565	MW	100 - 230P	UTC 4.122	
		W	500 - 600P	WEL 2.144	
	• 56570	MW	300 - 430P	FAC 21	HARVEY, K
		F	800 - 900	FAC 101B	
	• 56575	MW	300 - 430P	FAC 21	HARVEY, K
		F	900 - 1000	FAC 101B	
	• 56580	MW	300 - 430P	FAC 21	HARVEY, K
		F	1000 - 1100	FAC 101B	
	• 56585	MW	300 - 430P	FAC 21	HARVEY, K
		F	1100 - 1200	FAC 101B	
	• 56590	MW	300 - 430P	FAC 21	HARVEY, K
		F	1200 - 100P	FAC 101B	
	• 56595	MW	300 - 430P	FAC 21	HARVEY, K
		F	100 - 200P	FAC 101B	
	• 56600	TTH	200 - 330P	UTC 3.122	
		TH	600 - 700P	WEL 2.144	
	• 56605	TTH	200 - 330P	UTC 3.122	
		TH	400 - 500P	WEL 2.144	
	• 56610	TTH	200 - 330P	UTC 3.122	
		TH	500 - 600P	WEL 2.144	

SDS 306 STATISTICS IN MARKET ANALYSIS
Introduction to the fundamental concepts and methods of statistics, withemphasis on applications in the analysis of personal and group behaviors. Includes exploratory data analysis, correlation and regression, descriptive statistics, sampling distributions, confidence intervals, and hypothesis testing. Only one of the following may be counted: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, or 328M.

course	unique	days	time	room	instructor
	• 56615	TTH	1100 - 1230P	UTC 3.102	
	• 56620	MW	1230 - 200P	UTC 3.122	
	• 56625	TTH	1230 - 200P	UTC 3.124	
	• 56630	MW	200 - 330P	UTC 3.112	

STATISTICS IN MARKET ANALYSIS
Designed to accommodate 100 or more students. Introduction to the fundamental concepts and methods of statistics, withemphasis on applications in the analysis of personal and group behaviors. Includes exploratory data analysis, correlation and regression, descriptive statistics, sampling distributions, confidence intervals, and hypothesis testing. Only one of the following may be counted: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, or 328M.

course	unique	days	time	room	instructor
	• 56635	MW	400 - 530P	UTC 3.124	

SDS 310T NUMBERING RACE
Course number may be repeated for credit when the topics vary. Statistics and Data Sciences 110T and Statistics and Scientific Computation 110T may not both be counted. meets with AFR 302M.

course	unique	days	time	room	instructor
	• 56640	TTH	200 - 330P	GEA 127	JORGE DE PAULA PAI

SDS 321 INTRO TO PROBABIL & STATISTICS
Additional hour(s) to be arranged. Covers fundamentals of probability, combinatorics, discrete and continuous random variables, jointly distributed random variables, and limit theorems. Using probability to introduce fundamentals of statistics, including Bayesian and classical inference. Only one of the following may be counted: Mathematics 362K, Statistics and Data Sciences 321, Statistics and Scientific Computation 321. Prerequisite: Mathematics 408C, 408L, 408R, or 408S with a grade of at least C-.

course	unique	days	time	room	instructor
	• 56645	TTH	930 - 1100	UTC 3.112	
	• 56650	TTH	1230 - 200P	UTC 4.110	
	• 56655	TTH	200 - 330P	UTC 3.124	

SDS 322 INTRO SCIENTIFIC PROGRAMMING
Introduction to programming using both the C and Fortran (95/2003) languages, with applications to basic scientific problems. Covers common data types and structures, control structures, algorithms, performance measurement, and interoperability. Only one of the following may be counted: Statistics and Data Sciences 222, 322, 292, 392, Statistics and Scientific Computation 222, 322, 292, 392. Prerequisite: Credit or registration for Mathematics 408C, 408K, or 408N. meets with SDS 392.

course	unique	days	time	room	instructor
	• 56660	TTH	1230 - 200P	FAC 101B	

SDS 323 STATISTICAL LEARNING/INFERENCE
An introduction to statistical influence, broadly construed as the process of drawing conclusions from data, and to quantifying uncertainty about said conclusions. Covers the major schools of thought that influence modern scientific practice, including classical frequentist methods, machine learning, and Bayesian inference. Statistics and Data Sciences 323 and Statistics and Scientific Computation 323 may not both be counted. Prerequisite: Statistics and Data Sciences 321 (or Statistical and Scientific Computation 321) or the equivalent.

course	unique	days	time	room	instructor
	• 56665	TTH	200 - 330P	JGB 2.202	

SDS 328M BIOSTATISTICS
Introduction to methods of statistical analysis of biological data. Includes data analysis, basics of experimental design, statistical inference, interval estimation, and hypothesis testing. Only one of the following may be counted: Biology 328M, Statistics and Data Sciences 328M, Statistics and Scientific Computation 328M. Only oneof the following may be counted: Statistics and Data Sciences 302, 303, 304, 305, 306, 328M, Statistics and Scientific Computation 302, 303, 304, 305, 306, or 328M. Prerequisite: Six semester hours of coursework in biology.

course	unique	days	time	room	instructor
	• 56670	MW	900 - 1030	BUR 116	
		M	1100 - 1200	WEL 2.114	
	• 56675	MW	900 - 1030	BUR 116	
		M	1200 - 100P	WEL 2.144	
	• 56680	MW	900 - 1030	BUR 116	
		M	100 - 200P	WEL 2.114	
	• 56685	TTH	930 - 1100	BUR 216	
		TH	1200 - 100P	WEL 2.144	
	• 56690	TTH	930 - 1100	BUR 216	
		TH	100 - 200P	WEL 2.144	
	• 56695	TTH	930 - 1100	BUR 216	
		TH	200 - 300P	WEL 2.144	
	• 56700	MW	1100 - 1230P	UTC 4.104	
		T	1200 - 100P	WEL 2.144	
	• 56705	MW	1100 - 1230P	UTC 4.104	
		T	100 - 200P	WEL 2.144	
	• 56710	MW	1100 - 1230P	UTC 4.104	
		T	200 - 300P	WEL 2.144	
	• 56715	TTH	1100 - 1230P	UTC 4.132	
		W	900 - 1000	WEL 2.144	
	• 56720	TTH	1100 - 1230P	UTC 4.132	
		W	1000 - 1100	WEL 2.144	

April 3, 2018

course	unique	days	time	room	instructor
	• 56725	TTH	1100 - 1230P	UTC 4.132	
		W	1100 - 1200	WEL 2.144	
	• 56730	TTH	1230 - 200P	UTC 3.102	
		F	1200 - 100P	WEL 2.144	
	• 56735	TTH	1230 - 200P	UTC 3.102	
		F	100 - 200P	WEL 2.144	
	• 56740	TTH	1230 - 200P	UTC 3.102	
		F	200 - 300P	WEL 2.144	
	• 56745	MW	100 - 230P	BUR 212	
		M	400 - 500P	FAC 101B	
	• 56750	MW	100 - 230P	BUR 212	
		M	500 - 600P	FAC 101B	
	• 56755	MW	100 - 230P	BUR 212	
		M	600 - 700P	FAC 101B	
	• 56760	MW	200 - 330P	UTC 4.110	
		T	900 - 1000	WEL 2.144	
	• 56765	MW	200 - 330P	UTC 4.110	
		T	1000 - 1100	WEL 2.144	
	• 56770	MW	200 - 330P	UTC 4.110	
		T	1100 - 1200	WEL 2.144	
	• 56775	TTH	200 - 330P	UTC 4.122	
		TH	900 - 1000	WEL 2.144	
	• 56780	TTH	200 - 330P	UTC 4.122	
		TH	1000 - 1100	WEL 2.144	
	• 56785	TTH	200 - 330P	UTC 4.122	
		TH	1100 - 1200	WEL 2.144	
	• 56790	TTH	200 - 330P	UTC 4.132	
		W	1200 - 100P	WEL 2.144	
	• 56795	TTH	200 - 330P	UTC 4.132	
		W	100 - 200P	WEL 2.144	
	• 56800	TTH	200 - 330P	UTC 4.132	
		W	200 - 300P	WEL 2.144	
	• 56805	MW	330 - 500P	UTC 3.132	
		F	900 - 1000	WEL 2.144	
	• 56810	MW	330 - 500P	UTC 3.132	
		F	1000 - 1100	WEL 2.144	
	• 56815	MW	330 - 500P	UTC 3.132	
		F	1100 - 1200	WEL 2.144	

SDS 329C PRACTICAL LINEAR ALGEBRA I

Matrix representations and properties of matrices; linear equations, eigenvalue problems and their physical interpretation; and linear least squares and elementary numerical analysis. Emphasis on physical interpretation, practical numerical algorithms, and proofs of fundamental principles. Only one of the following may be counted: Mathematics 340L, 341, Statistics and Data Sciences 329C, or Statistics and Scientific Computation 329C. Prerequisite: Credit or registration for Mathematics 408C, 408K, 408N, or 408R.

• 56820 TTH 1100 - 1230P ART 1.110 VAN DE GEIJN, R

SDS 332 STAT MOD FOR HLTH/BEHVR SCI

Follow up to introductory statistics with an overview of advanced statistical modeling topic. Subjects may include multiple regression, ANOVA, logistic regression, random and mixed effects models including longitudinal data, time series analysis, survival analysis, factor analysis, and SEM. Use of statistical software is emphasized. Prerequisite: Statistics and Data Sciences 302 (or Statistics and Scientific Computation 302), 304 (or Statistics and Scientific Computation 304), 306 (or Statistics and Scientific Computation 306), 328M (or Statistics and Scientific Computation 328M), or the equivalent.

• 56825 MW 100 - 230P UTC 3.134 HERSH, M

SDS 335 SCIENTIF & TECHNICAL COMPUTING

A comprehensive introduction to computing techniques and methods applicable to many scientific disciplines and technical applications. Covers computer hardware and operating systems, systems software and tools, code development, numerical methods and math libraries, and basic visualization and data analysis tools. Statistics and Data Sciences 335 and Statistics and Scientific Computation 335 may not both be counted. Prerequisite: Mathematics 408D or 408M, and prior programming experience. meets with SDS 394.

• 56830 TTH 200 - 330P FAC 101B

SDS 358 1-APPLIED REGRESSION ANALYSIS

Course number may be repeated for credit when the topics vary. Through software application, discussion, and guided instruction, explores simple linear regression - what data is appropriate, how to runanalysis, and how to interpret the output. Examines multiple regression with combinations of predictor variables, both continuous and categorical. There will be a discussion/application of ANOVA, prior to preceding on to logistic regression: the prediction of discrete events. Statistics and Data Sciences 358 and Statistics and Scientific Computation 358 may not both be counted unless topics vary. Only one of the following may be counted: Statistics and Data Sciences 358 (Topic: Applied Regression Analysis), 358 (Topic: 1), Statistics andScientific Computation 358 (Topic: Applied Regression Analysis) Prerequisite: Upper-division standing; additional prerequisites may vary with the topic. Additional prerequisite: One of the following with a grade of at least C-: Statistics and Data Sciences 302, 304, 306, 328M (or Statistics and Scientific Computation 302, 304, 306, 328M).

• 56835 MWF 1000 - 1100 PHR 2.116 MAHOMETA, M

SDS 378 INTRO TO MATHEMATCL STATISTICS

Sampling distributions of statistics, estimation of parameters (confidence intervals, method of moments, maximum likelihood, comparison of estimators using mean square error and efficiency, sufficient statistics), hypothesis tests (p-values, power, likelihood ratio tests), and other topics. Only one the following may be counted: Mathematics 378K, Statistics and Data Sciences 378, Statistics and Scientific Computation 378. Prerequisite: Mathematics 362K with a grade of at least C-. same as M 378K.

• 56840 MWF 1000 - 1100 RLM 5.104 ZITKOVIC, G
• 56845 MWF 1100 - 1200 RLM 5.104

SDS 279R UNDERGRADUATE RESEARCH

Hour(s) to be arranged. May be repeated for credit. Students work on an individual research project under the supervision of one or more faculty members. Prerequisite: Upper-division standing and consent of instructor.

• 56850

SDS 379R UNDERGRADUATE RESEARCH

Hour(s) to be arranged. May be repeated for credit. Students work on an individual research project under the supervision of one or more faculty members. Prerequisite: Upper-division standing and consent of instructor.

• 56855

SDS 479R UNDERGRADUATE RESEARCH

Hour(s) to be arranged. May be repeated for credit. Students work on an individual research project under the supervision of one or more faculty members. Prerequisite: Upper-division standing and consent of instructor.

• 56860

SDS 380C STATISTICAL METHODS I

Introduction to the fundamental concepts and methods of statistics. Includes descriptive statistics, sampling distributions, confidence intervals, and hypothesis testing. May include simple and multiple linear regression, analysis of variance, and categorical analysis. Use of statistical software is emphasized. Statistics and Data Sciences 380C and Statistics and Scientific Computation 380C may not both be counted. Prerequisite: Graduate standing.

• 56865 TTH 100 - 230P PAR 303 HERSH, M

SDS 383C STATISTICAL MODELING I

An introduction to core applied statistical modeling ideas from a probabilistic, Bayesian perspective. Topics include exploratory data analysis, programming in R, Bayesian probability models, an introduction to the Gibbs sampler, applied regression analysis, and hierarchical models. Statistics and Data Sciences 383C and Statistics and Scientific Computation 383C may not both be counted. Prerequisite: Graduate standing.

• 56870 TTH 1230 - 200P JGB 2.202

SDS 384 2-MATHEMATICAL STATISTICS I

Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics with applications in data analysis and research. The general theory of mathematical statistics. Includes distributions of functions of random variables, properties of a random sample, principlesof data reduction, an overview of hierarchical models, decision theory, Bayesian statistics, and theoretical results relevant to point estimation, interval estimation, and hypothesis testing. Statistics and Data Sciences 384 and Statistics and Scientific Computation 384 may not both be counted unless topics vary. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384R, Mathematics 384C, Statistics and DataSciences 384 (Topic 2), Statistics and Scientific Computation 384 (Topic2). Prerequisite: Graduate standing; and Statistics and Data Sciences 382 (or Statistics and Scientific Computation 382), an introductory probability course and a statistics course, or consent of instructor. Additional prerequisite: Graduate standing; and Mathematics 362K and 378K, Statistics and Scientific Computation 382, or consent of instructor. same as CSE 384R, M 384C.

• 56875 TTH 500 - 630P FAC 101B PARKER, M

4-REGRESSION ANALYSIS

Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics with applications in data analysis and research. Simple and multiple linear regression, inference in regression, prediction of new observations, diagnosis and remedial measures, transformations, and model building. Emphasis on both understanding the theory and applying theory to analyze data. Statistics and Data Sciences 384 and Statistics and Scientific Computation 384 may not both be counted unless topics vary. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384T, Mathematics 384G, Statistics and DataSciences 384 (Topic 4), Statistics and Scientific Computation 384 (Topic4). Prerequisite: Graduate standing; and Statistics and Data Sciences 382 (or Statistics and Scientific Computation 382), an introductory probability course and a statistics course, or consent of instructor. Additional prerequisite: Graduate standing; and Mathematics 362K and 378K, Statistics and Data Sciences 382, (or Statistics and Scientific Computation 382), or consent of instructor. same as CSE 384T, M 384G.

• 56880 MW 100 - 230P FAC 101B HERSH, M

7-BAYESIAN STATISTICAL MTHDS

Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics with applications in data analysis and research. Fundamentals of Bayesian inference in single-parameter and multi-parameter models for inference and decision making, including simulation of posterior distributions, Markov chain Monte Carlo methods, hierarchical models, and empirical Bayes models. Statistics and Data Sciences 384 and Statistics and Scientific Computation 384 may not both be counted unless topics vary. Statistics and Data Sciences 384 (Topic 7) and Statistics and Scientific Computation 384 (Topic 7) may not both be counted. Prerequisite: Graduate standing; and Statistics and Data Sciences 382 (or Statistics and Scientific Computation 382), an introductory probability course and a statistics course, or consent of instructor.

• 56885 MW 230 - 400P FAC 101B LINGHAM, R

course unique days time room instructor

SDS 385 SOCL STAT: DIS MULTIVAR MODELS
Course number may be repeated for credit when the topics vary. Theories, models, and methods for the analysis of quantitative data. Statistics and Data Sciences 385 and Statistics and Scientific Computation 385 may not both be counted unless topics vary. Prerequisite: Graduate standing; and Statistics and Data Sciences 380C (or Statistics and Scientific Computation 380C), 382 (or Statistics and Scientific Computation 382), or consent of instructor. meets with SOC 385K.
• 56890 MW 300 - 430P JES A218A POWERS, D

STAT MODELS FOR BIG DATA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Theories, models, and methods for the analysis of quantitative data. Statistics and Data Sciences 385 and Statistics and Scientific Computation 385 may not both be counted unless topics vary. Prerequisite: Graduate standing; and Statistics and Data Sciences 380C (or Statistics and Scientific Computation 380C), 382 (or Statistics and Scientific Computation 382), or consent of instructor.
• 56895 MW 1030 - 1200 WAG 420

14-MAXIMUM-LIKELIHOOD STATS
Course number may be repeated for credit when the topics vary. Theories, models, and methods for the analysis of quantitative data. Introduction to the likelihood theory of statistical inference. Includes probability distributions, estimation theory, and applications of maximum-likelihood estimation (MLE) to models with categorical or limited dependent variables, even count models, event history models, models for time-series cross-section data, and models for hierarchical data. Statistics and Data Sciences 385 and Statistics and Scientific Computation 385 may not both be counted unless topics vary. Statistics and Data Sciences 385 (Topic 14) and Statistics and Scientific Computation 385 (Topic 14) may not both be counted. Prerequisite: Graduate standing; and Statistics and Data Sciences 380C (or Statistics and Scientific Computation 380C), 382 (or Statistics and Scientific Computation 382), or consent of instructor. meets with GOV 385L.
• 56900 TTH 500 - 630P MEZ 1.210 LIN, T

SDS 387 LINEAR MODELS
Designed to accommodate 35 or fewer students. An exploration of practical applications of the projection approach to linear models, building from a review of essential linear algebra concepts to the theory of linear models from a projection-based perspective. Introduction to Bayesian ideas. Additional topics include analysis of variance, generalized linear models, and variable selection techniques. Statistics and Data Sciences 387 and Statistics and Scientific Computation 387 may not both be counted. Prerequisite: Graduate standing; Economics 392M (Topic 19: Probability and Statistics), Statistics and Data Sciences 384 (or Statistics and Scientific Computation 384), or the equivalent; and basic coding skills in R, Matlab, or Stata.
• 56905 MW 100 - 230P PHR 2.114

SDS 388 CONSULTING SEMINAR
May be repeated for credit. Supervised experience in applying statistical or mathematical methods to real problems. Includes participation in weekly consulting sessions, directed readings in the statistical literature, the ethics of research and consulting, and report writing and presentations. Statistics and Data Sciences 388 and Statistics and Scientific Computation 388 may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 56910 T 900 - 1200

SDS 189R GRADUATE RESEARCH
Hour(s) to be arranged. May be repeated for credit. Individual research project supervised by one or more faculty members. Prerequisite: Graduate standing.
• 56915

SDS 289R GRADUATE RESEARCH
Hour(s) to be arranged. May be repeated for credit. Individual research project supervised by one or more faculty members. Prerequisite: Graduate standing.
• 56920

SDS 389R GRADUATE RESEARCH
Hour(s) to be arranged. May be repeated for credit. Individual research project supervised by one or more faculty members. Prerequisite: Graduate standing.
• 56925

SDS 489R GRADUATE RESEARCH
Hour(s) to be arranged. May be repeated for credit. Individual research project supervised by one or more faculty members. Prerequisite: Graduate standing.
• 56930

SDS 190 READINGS IN STATISTICS
May be repeated for credit. Faculty directed research seminar. Activities may vary, but will include readings of cutting-edge research papers, discussion of on-going student and faculty projects, and consulting projects. Prerequisite: Graduate standing.
• 56935 M 130 - 230P GDC 7.402 WALKER, S

SDS 190C BIOMEDICAL BIG DATA SEMINAR
Offered on the credit/no credit basis only. May be repeated for credit. Faculty directed research seminar and workshop. Activities may vary but will include literature reviews and group discussion, discussion of faculty and student projects, and presentations. Statistics and Data Sciences 183K (Topic:Biomedical Big Data Seminar) and 190C may not both be counted. Prerequisite: Graduate standing.
• 56940 M 1100 - 1200 GDC 7.402 SCOTT, J

SDS 392 INTRO SCIENTIFIC PROGRAMMING
Introduction to programming using both the C and Fortran (95/2003) languages, with applications to basic scientific problems. Covers common data types and structures, control structures, algorithms, performance measurement, and interoperability. Only one of the following may be counted: Statistics and Data Sciences 222, 322, 292, 392, Statistics and Scientific Computation 222, 322, 292, 392. Prerequisite: Graduate standing and credit or registration for a first-semester calculus course. meets with SDS 322.
• 56945 TTH 1230 - 200P FAC 101B

SDS 394 SCIENTIF & TECHNICAL COMPUTING
Comprehensive introduction to computing techniques and methods applicable to many scientific disciplines and technical applications. Covers computer hardware and operating systems, systems software and tools, code development, numerical methods and math libraries, and basic visualization and data analysis tools. Statistics and Data Sciences 394 and Statistics and Scientific Computation 394 may not both be counted. Prerequisite: Graduate standing, and a third-semester calculus course or the equivalent; prior programming experience is recommended. meets with SDS 335.
• 56950 TTH 200 - 330P FAC 101B

SDS 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Statistics and Data Sciences 398R and Statistics and Scientific Computation 398R may not both be counted. Prerequisite: Graduate standing in statistics and data sciences, consent of supervising professor, and consent of graduate adviser.
• 56955

SDS 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Statistics and Data Sciences 399R, 699R, 999R and Statistics and Scientific Computation 399R, 699R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree and written consent.
• 56960

SDS 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Statistics and Data Sciences 399R, 699R, 999R and Statistics and Scientific Computation 399R, 699R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree and written consent.
• 56965

SDS 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Statistics and Data Sciences 399R, 699R, 999R and Statistics and Scientific Computation 399R, 699R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree and written consent.
• 56970

SDS 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Statistics and Data Sciences 399W, 699W, 999W and Statistics and Scientific Computation 399W, 699W, 999W may not both be counted. Prerequisite: Graduate standing; Statistics and Data Sciences 399R (or Statistics and Scientific Computation 399R), 699R (or Statistics and Scientific Computation 699R), or 999R (or Statistics and Scientific Computation 999R); and written consent.
• 56975

SDS 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Statistics and Data Sciences 399W, 699W, 999W and Statistics and Scientific Computation 399W, 699W, 999W may not both be counted. Prerequisite: Graduate standing; Statistics and Data Sciences 399R (or Statistics and Scientific Computation 399R), 699R (or Statistics and Scientific Computation 699R), or 999R (or Statistics and Scientific Computation 999R); and written consent.
• 56980

SDS 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Statistics and Data Sciences 399W, 699W, 999W and Statistics and Scientific Computation 399W, 699W, 999W may not both be counted. Prerequisite: Graduate standing; Statistics and Data Sciences 399R (or Statistics and Scientific Computation 399R), 699R (or Statistics and Scientific Computation 699R), or 999R (or Statistics and Scientific Computation 999R); and written consent.
• 56985

April 3, 2018

SCHOOL OF NURSING

Nursing - N

N 309 GLOBAL HEALTH

Overview of global health, with emphasis on the determinants of health, health indicators, human rights, globalization, current socioeconomic factors, health care systems, and public health systems.

• 57040	T	100 - 400P	NUR 1.116	GARCIA, A
• 57045	TH	100 - 400P	NUR 1.118	MCDONALD, K
• 57050	T	400 - 700P	NUR 1.116	WALKER, L

GLOBAL HEALTH-AUS

Hour(s) to be arranged. Overview of global health, with emphasis on the determinants of health, health indicators, human rights, globalization, current socioeconomic factors, health care systems, and public health systems. Class meets June 29-November 31. Restricted enrollment; contact Study Abroad for permission to register for this class. Semester Plus class meets dates arranged by Study Abroad Office. Taught in Sydney, Australia. St udents must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.

• 57055				CHAMPION, J

N 310 COMM IN HEALTH CARE SETTINGS

Introduction to theories and models of communication in relation to health care; basic factors affecting interpersonal communication in health care settings. Required for nursing majors.

• 57060	TTH	1130 - 100P	NUR 1.108	HENSLEY, J
• 57065	TTH	230 - 400P	NUR 1.108	HENSLEY, J

N 117H INTRO NUR SCHOLRSHP: HON SMNR

Introduction to the nature of nursing scholarship, along with related research and clinical and educational career opportunities. Topics include leadership, research, and ethics as they relate to nursing. Prerequisite: Admission to the School of Nursing Honors Program.

• 57070	T	900 - 1000	NUR 4.154	ZUNIGA, J

N 320 INTRO TO PATIENT-CTRD NUR CARE

Offered on the letter-grade basis only. Examines the profession of nursing and introduces the concept of nursingprocess as a framework for patient-centered care of younger and older adults. Special emphasis will be placed on topics that apply to the bio-psycho-social-spiritual needs of the aging adult. Nursing 227 and 320 may not both be counted. Prerequisite: Biology 326M, 446L, Nutrition 306, Psychology 301; credit or registration for Biology 365S and 165U.

• 57075	F	900 - 1200	NUR 1.112	HOLLAND, A

N 321 ETHICS OF HEALTH CARE

Examination of ethical issues of health care and related legal concerns;contradictions, inconsistencies, and competing views that lead to dilemmas in health care. Nursing 321 and 321H may not both be counted. Prerequisite: Rhetoric and Writing 306.

• 57080	MT	1200 - 130P	NUR 1.106	TAXIS, J
• 57085	MW	300 - 430P	NUR 1.106	STERLING, B
• 57090	WTH	330 - 500P	NUR 5.178	KWAK, J
• 57095	MW	400 - 530P	NUR 4.176	TODD, A

ETHICS OF HEALTH CARE

Designed to accommodate 35 or fewer students. Examination of ethical issues of health care and related legal concerns;contradictions, inconsistencies, and competing views that lead to dilemmas in health care. Nursing 321 and 321H may not both be counted. Prerequisite: Rhetoric and Writing 306.

• 57099	TTH	1100 - 1230P	NUR 1.118	KWAK, J

N 223 GENETICS IN HEALTH CARE

Offered on the letter-grade basis only. The integration of genetic information into nursing practice, including ethical, legal, psychological, and social issues. Nursing 223 and 323 may not both be counted. Prerequisite: Nursing 325 or consent of instructor.

• 57100	F	1200 - 200P	NUR 1.108	OSIER, N

N 224 HEALTH ASSESSMENT SKILLS

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Discussion, application, and documentation of health assessment skills needed to provide data for health promotion and nursing interventions. Prerequisite: Biology 326M, 446L and Nursing 310; credit or registrationfor Nursing 320.

• 57105	W	930 - 1030	NUR 4.108	CARTER, S
	W	800 - 930	NUR 1.108	

HEALTH ASSESSMENT SKILLS

Offered on the letter-grade basis only. Discussion, application, and documentation of health assessment skills needed to provide data for health promotion and nursing interventions. Prerequisite: Biology 326M, 446L and Nursing 310; credit or registrationfor Nursing 320.

• 57110	W	930 - 1030	NUR 4.118	ANDERSON, M
	W	800 - 930	NUR 1.116	
• 57115	W	930 - 1030	NUR 4.120	HOLLAND, A
	W	800 - 930	NUR 1.116	
• 57120	W	1030 - 1130	NUR 4.118	ANDERSON, M
	W	800 - 930	NUR 1.116	
• 57125	W	1030 - 1130	NUR 4.120	HOLLAND, A
	W	800 - 930	NUR 1.116	

HEALTH ASSESSMENT SKILLS

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Discussion, application, and documentation of health assessment skills needed to provide data for health promotion and nursing interventions. Prerequisite: Biology 326M, 446L and Nursing 310; credit or registrationfor Nursing 320.

• 57129	W	1030 - 1130	NUR 4.108	ROCHE, M
	W	800 - 930	NUR 1.108	

N 325 ADULT HEALTH NURSING I

Offered on the letter-grade basis only. Discussion of the concepts necessary to promote and restore the health of adults with biological problems; related physiological and psychological responses. Prerequisite: Biology 365S and 165U, Nursing 320, 224, and 127P.

• 57130	WF	1030 - 1200	NUR 1.108	HAERTEL, L

N 325P ADULT HEALTH NURSING I (PRAC)

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Application of the concepts and theories necessary to promote and restore health of adults with biological problems; related physiological and psychological responses. For nursing majors admitted to the professional sequence. Prerequisite: Credit or registration for Nursing 325. Clinical hours taught in Austin-area hospitals.

• 57135	M	645 - 315P		HERNANDEZ, J
• 57140	M	645 - 315P		SUMLIN, L
• 57145	M	645 - 315P		
• 57150	T	645 - 315P		HERNANDEZ, J
• 57155	T	645 - 315P		
• 57160	T	645 - 315P		

ADULT HEALTH NURSING I (PRAC)

Hour(s) to be arranged. Offered on the letter-grade basis only. Application of the concepts and theories necessary to promote and restore health of adults with biological problems; related physiological and psychological responses. For nursing majors admitted to the professional sequence. Prerequisite: Credit or registration for Nursing 325. Clinical hours taught in Austin-area hospitals.

• 57165				HOLLAND, A

N 127P CLINICAL NUR SKILLS I (PRAC)

Designed to accommodate 35 or fewer students. Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Biology 326M and 446L; concurrent enrollment in Nursing 320.

• 57170	TH	1200 - 200P	NUR 4.118	BARR, J

CLINICAL NUR SKILLS I (PRAC)

Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Biology 326M and 446L; concurrent enrollment in Nursing 320.

• 57175	TH	1200 - 200P	NUR 4.118	SHERMAN, A
• 57180	TH	1200 - 200P	NUR 4.120	WILSON, D

CLINICAL NUR SKILLS I (PRAC)

Designed to accommodate 35 or fewer students. Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Biology 326M and 446L; concurrent enrollment in Nursing 320.

• 57185	TH	230 - 430P	NUR 4.108	SHERMAN, A

CLINICAL NUR SKILLS I (PRAC)

Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Biology 326M and 446L; concurrent enrollment in Nursing 320.

• 57190	TH	230 - 430P	NUR 4.118	BARR, J
• 57195	TH	230 - 430P	NUR 4.120	WILSON, D

N 137 INDEPENDENT STUDY-NURSING

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Study in a specific area; topic and mode of study are agreed upon by student(s) and instructor. Prerequisite: A University grade point average of at least 2.80 and consent of instructor.

• 57200

INDEPENDENT STUDY-RN

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Study in a specific area; topic and mode of study are agreed upon by student(s) and instructor. Prerequisite: A University grade point average of at least 2.80 and consent of instructor. Restricted to RN students.

• 57205

N 237 INDEPENDENT STUDY-NURSING

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Study in a specific area; topic and mode of study are agreed upon by student(s) and instructor. Prerequisite: A University grade point average of at least 2.80 and consent of instructor.

• 57210

INDEPENDENT STUDY-RN

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Study in a specific area; topic and mode of study are agreed upon by student(s) and instructor. Prerequisite: A University grade point average of at least 2.80 and consent of instructor. Restricted to RN students.

• 57215

N 337 INDEPENDENT STUDY-NURSING

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics

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course	unique	days	time	room	instructor

vary. Study in a specific area; topic and mode of study are agreed upon by student(s) and instructor. Prerequisite: A University grade point average of at least 2.80 and consent of instructor.

	• 57220				

INDEPENDENT STUDY-RN

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Study in a specific area; topic and mode of study are agreed upon by student(s) and instructor. Prerequisite: A University grade point average of at least 2.80 and consent of instructor. Restricted to RN students.

	• 57225				

N 250 INTERPROFESSIONAL COLLAB PRAC

Offered on the letter-grade basis only. Focuses on developing the competencies needed for interprofessional collaborative practice among health care professionals. Core interprofessional competencies addressed include: values and ethics for interprofessional practice; knowledge of roles and responsibilities of different health professions; interprofessional communication; and teamsand teamwork. Prerequisite: Nursing 310; credit or registration for Nursing 320, and 321 or 321H, or consent of instructor.

	• 57230	F	200 - 500P		HAERTEL, L
	• 57235	F	200 - 500P		HAMILTON-SOLUM, P
	• 57240	F	200 - 500P		MORGAN, S

INTERPROFESSIONAL COLLAB PRAC

Hour(s) to be arranged. Offered on the letter-grade basis only. Focuses on developing the competencies needed for interprofessional collaborative practice among health care professionals. Core interprofessional competencies addressed include: values and ethics for interprofessional practice; knowledge of roles and responsibilities of different health professions; interprofessional communication; and teamsand teamwork. Prerequisite: Nursing 310; credit or registration for Nursing 320, and 321 or 321H, or consent of instructor.

	• 57245				ABBYAD, C

N 354 SPANISH FOR HLTH CARE PROFESNL

Offered on the letter-grade basis only. Basic medical Spanish language skills and phrases related to assessment and nursing activities. Focus on the cultural values of Latino patients who seek health care in the United States.

	• 57250	W	400 - 700P	NUR 1.108	BURT, E
	• 57255	W	400 - 700P	NUR 5.134	GUILLET DE GUTIERR
	• 57260	TH	400 - 700P	NUR 1.108	BURT, E

N 255C ADULT HEALTH NURSING IIA

Offered on the letter-grade basis only. First of a two-part sequence in adult health nursing. Advanced concepts and theories to promote and restore health of adults with biological problems and related physiological and psychological responses. Nursing 455 and 255C may not both be counted. Prerequisite: Nursing 325 and 325P.

	• 57265	F	900 - 1100	NUR 1.116	SWARTS, L

N 255D ADULT HEALTH NURSING IIB

Offered on the letter-grade basis only. Second part of a two-part sequence in adult health nursing. Advanced concepts and theories to promote and restore health of adults with biological problems and related physiological and psychological responses Nursing 455 and 255D may not both be counted. Prerequisite: Nursing 255C.

	• 57270	TH	100 - 300P	NUR 1.116	SWARTS, L

N 355P ADULT HEALTH NURSING II (PRAC)

Offered on the letter-grade basis only. Application of advanced concepts and theories to promote and restore health of adults with biological problems and their related physiological and psychological responses. Prerequisite: Nursing 325P and Pharmacy 338; credit or registration for Nursing 157P and 455 or 255D. Clinical hours taught in Austin-area hospitals.

	• 57275	T	230 - 1000P		MERAVIGLIA, M
		T	100 - 230P	NUR 5.167	

ADULT HEALTH NURSING II (PRAC)

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Application of advanced concepts and theories to promote and restore health of adults with biological problems and their related physiological and psychological responses. Prerequisite: Nursing 325P and Pharmacy 338; credit or registration for Nursing 157P and 455 or 255D. Clinical hours taught in Austin-area hospitals.

	• 57280	M	630 - 200P		SWARTS, L
		M	200 - 330P	NUR 3.150	
	• 57285	M	230 - 1000P		
		M	100 - 230P	NUR 5.134	
	• 57290	M	230 - 1000P		WILSON, D
		M	100 - 230P	NUR 5.154	
	• 57295	T	230 - 1000P		
		T	100 - 230P	NUR 3.150	
	• 57300	T	230 - 1000P		
		T	100 - 230P	NUR 5.134	

N 356 MNTL HLTH NUR ACROSS LIFE SPAN

Offered on the letter-grade basis only. Biological, environmental, cultural, and interpersonal factors predisposing individuals across the life span to mental health problems.The course is organized around the nursing process, as well as multidisciplined therapeutic modalities, that assist the individual and family to adapt, recover, and grow through these problems. Current relevant research, and the sociocultural, legal, and ethical implications of providing nursing care to the mentally ill. Prerequisite: Nursing 224; credit or registration for Human Development and Family Sciences 313 and 113L or Psychology 304 and Nursing 325.

	• 57305	W	100 - 400P	NUR 1.112	WALKER, V

N 256P PROB IN MENTAL HLTH NUR (PRAC)

Hour(s) to be arranged. Offered on the letter-grade basis only. Application of strategies for the care of individuals, groups, and families experiencing mental health problems. Nursing 256P and 356P may not both be counted. Prerequisite: Credit or registration for Nursing 356.

	• 57310				

PROB IN MENTAL HLTH NUR (PRAC)

Offered on the letter-grade basis only. Application of strategies for the care of individuals, groups, and families experiencing mental health problems. Nursing 256P and 356P may not both be counted. Prerequisite: Credit or registration for Nursing 356. Clinical hours taught at Austin area hospitals.

	• 57315	M	630 - 1230P		COTTOM, N
	• 57320	T	630 - 1230P		BANNER, M
	• 57325	M	900 - 300P		WALKER, V
	• 57330	T	900 - 300P		WALKER, V
	• 57335	M	100 - 700P		COTTOM, N
	• 57340	T	100 - 700P		BANNER, M

N 157P CLINICAL NUR SKILLS II PRAC

Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Nursing 325P.

	• 57345	TH	900 - 1100	NUR 4.108	WILSON, D
	• 57350	TH	900 - 1100	NUR 4.118	ALBERSON, L

CLINICAL NUR SKILLS II PRAC

Designed to accommodate 35 or fewer students. Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Nursing 325P.

	• 57355	TH	900 - 1100	NUR 4.120	

CLINICAL NUR SKILLS II PRAC

Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Nursing 325P.

	• 57360	W	100 - 300P	NUR 4.108	WILSON, D
	• 57365	W	100 - 300P	NUR 4.118	ALBERSON, L

CLINICAL NUR SKILLS II PRAC

Designed to accommodate 35 or fewer students. Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Nursing 325P.

	• 57370	W	100 - 300P	NUR 4.120	GOLDSTEIN, L

N 264 NURSING RESEARCH

Basic components of the research process; interpreting descriptive and inferential statistics in research. Critical examination of research studies in nursing. Nursing 264 and 264H may not both be counted. Prerequisite: Introductory statistics course (such as Statistics and Data Sciences 302) and Nursing 320, or consent of instructor.

	• 57375	TH	200 - 400P	NUR 1.112	

N 264H NURSING RESEARCH: HONORS

Laboratory hour(s) to be arranged. Examination of the research process and methods, along with interpretation of descriptive and inferential statistics in research. Critical examination of research studies in nursing and research skills through participation in a research project. Nursing 264 and 264H may not both be counted. Prerequisite: Admission to the School of Nursing Honors Program and an introductory statistics course, or consent of instructor.

	• 57380	T	1000 - 1130	NUR 4.154	ZUNIGA, J

N 265 NUR CARE OF CHILDBEARING FAMS

Offered on the letter-grade basis only. Concepts, theories, and processes essential to understanding the health concerns and problems of women and their families during the childbearing years. Prerequisite: Nursing 325, 325P, 356, and 256P or 356P; credit or registration in Nursing 157P and 455 or 255C. Clinical hours taught in Austin area hospitals.

	• 57385	W	1000 - 1200	NUR 1.112	ABBYAD, C

N 365P NUR CARE CHILDBEAR FAMS PRAC

Additional hour(s) to be arranged. The application of concepts, theories, and processes pertinent to care of women and their families during the childbearing years. Prerequisite: Credit or registration for Nursing 265. Class meets September 4-December 10. Clinical hours taught in Austin-area hospitals.

	• 57390	MT	645 - 245P		ANDERSON, M
	• 57395	MT	245 - 1045P		HAMILTON-SOLUM, P
	• 57400	MT	245 - 1045P		SHERMAN, A

NUR CARE CHILDBEAR FAMS PRAC

Hour(s) to be arranged. The application of concepts, theories, and processes pertinent to care of women and their families during the childbearing years. Prerequisite: Credit or registration for Nursing 265. Class meets September 4-December 10. Clinical hours taught in Austin-area hospitals.

	• 57405				ANDERSON, M
	• 57410				HAMILTON-SOLUM, P
	• 57415				SHERMAN, A

N 266 NUR CARE OF CHILDREN AND FAMS

Offered on the letter-grade basis only. Concepts, theories, and developmental processes essential to the health concerns and problems of children, adolescents, and their families. Prerequisite: Human Development and Family Sciences 313 and 113L

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or Psychology 304, Nursing 356, 356P or 256P, Pharmacy 338; and credit or registration in Nursing 355P and 255D or 455.

• 57420	W	100 - 300P	NUR 1.108	SANDERS, M

N 366P NUR CARE CHLD/THEIR FAMS PRAC

Additional hour(s) to be arranged. Application of concepts, theories, and developmental processes essentialto the health concerns and problems of children, adolescents, and their families. Prerequisite: Nursing 157P; credit or registration for Nursing 266. Clinical hours taught in Austin-area hospitals.

• 57425	M	630 - 230P		
• 57430	M	1230 - 830P		BARR, J
• 57435	M	1230 - 830P		SANDERS, M

NUR CARE CHLD/THEIR FAMS PRAC

Hour(s) to be arranged. Application of concepts, theories, and developmental processes essentialto the health concerns and problems of children, adolescents, and their families. Prerequisite: Nursing 157P; credit or registration for Nursing 266. Clinical hours taught in Austin-area hospitals.

• 57440				
• 57445				BARR, J
• 57450				SANDERS, M

N 273 QUALITY/SAFETY NUR PRACTICE

Offered on the letter-grade basis only. Designed to prepare students for professional nursing practice. Providesopportunities for synthesis of theoretical, evidence-based, and clinicalknowledge with emphasis on quality care and patient safety. Nursing 273 and 278 may not both be counted. Prerequisite: Nursing 321 or 321H and credit or registration in Nursing 264, or consent of instructor.

• 57455	W	1200 - 200P	NUR 5.178	BENHAM-HUTCHINS, M

QUALITY/SAFETY NUR PRACTICE

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Designed to prepare students for professional nursing practice. Providesopportunities for synthesis of theoretical, evidence-based, and clinicalknowledge with emphasis on quality care and patient safety. Nursing 273 and 278 may not both be counted. Prerequisite: Nursing 321 or 321H and credit or registration in Nursing 264, or consent of instructor.

• 57460	W	1200 - 200P	NUR 5.180	

N 274 COMPLEX NURSING CARE

Offered on the letter-grade basis only. Addresses the management of complex and critical needs of patients and their families across the continua of care. The focus will be on people with multiple chronic conditions experienced by various populations such as age groups, disease/health conditions, and settings. In addition, transitional care, critical care concepts, palliative, and end-of-life care will be explored. Prerequisite: Nursing 255D, 455, 355P, 266, 366P; credit or registration in Nursing 277P. Class meets August 29-October 31. meets with N 274.

• 57465	W	100 - 400P	NUR 1.108	CARTER, S
• 57470	W	100 - 400P	NUR 1.108	SUMLIN, L

N 275 PUBLIC HEALTH NURSING

Offered on the letter-grade basis only. Presents public health nursing concepts, theories, and processes used inhealth promotion, disease or injury prevention, health protection, and risk reduction with individuals, families, groups, communities, and populations. Prerequisite: Nursing 455 or 255D, 355P, 356, 256P or 356P, 265, and 266; or consent of instructor. Class meets August 29-October 31.

• 57475	W	900 - 1200	NUR 1.112	JOHNSON, K

PUBLIC HEALTH NURSING-WB

Hour(s) to be arranged. Offered on the letter-grade basis only. Presents public health nursing concepts, theories, and processes used inhealth promotion, disease or injury prevention, health protection, and risk reduction with individuals, families, groups, communities, and populations. Prerequisite: Nursing 455 or 255D, 355P, 356, 256P or 356P, 265, and 266; or consent of instructor. Restricted to RN students. Taught as a Web-based course.

• 57480				GASKAMP, C

N 375P PUBLIC HLTH NURSING PRACT-RN

Laboratory hour(s) to be arranged. Application of public health nursing concepts, theories, and processes used in health promotion, disease or injury prevention, health protection, and risk reduction with individuals, families, groups, communities, and populations. Prerequisite: Credit or registration for Nursing 275. Restricted to RN students. Clinical hours taught in Austin-area hospitals.

• 57485	F	1230 - 130P	NUR 5.174	GASKAMP, C

PUBLIC HLTH NURSING PRACTICUM

Additional hour(s) to be arranged. Application of public health nursing concepts, theories, and processes used in health promotion, disease or injury prevention, health protection, and risk reduction with individuals, families, groups, communities, and populations. Prerequisite: Credit or registration for Nursing 275. Class meets August 30-November 12. Clinical hours taught in Austin-area hospitals.

• 57490	M	800 - 330P		ROCK, J
	TH	900 - 1200	NUR 5.174	
• 57495	M	800 - 330P		TODD, A
	TH	900 - 1200	NUR 5.178	
• 57500	M	800 - 330P		MURRAY-CHAVEZ, J
	TH	900 - 1200	NUR 5.180	

PUBLIC HLTH NURSING PRACTICUM

Additional hour(s) to be arranged. Application of public health nursing concepts, theories, and processes used in health promotion, disease or injury prevention, health protection, and risk reduction with individuals, families, groups, communities, and populations. Prerequisite: Credit or registration for Nursing 275. Class meets August 30-November 6. Clinical hours taught in Austin-area hospitals.

• 57505	T	800 - 330P		
	TH	900 - 1200	NUR 5.167	
• 57510	T	800 - 330P		TODD, A
	TH	900 - 1200	NUR 5.178	
• 57515	T	800 - 330P		MURRAY-CHAVEZ, J
	TH	900 - 1200	NUR 5.180	

N 377 LDRSHP & MGMT OF NURSING CARE

Selected concepts and theories of management in the context of the delivery of dynamic nursing care. Use of management concepts in working with a health care team to provide high-quality patient care. Historical development of the health care system, current issues, contemporary trends, standards of professional practice, management and leadership roles, political and cultural influences on health care, and professional career development. Nursing 377 and 377H may not both be counted. Prerequisite: Nursing 325 or consent of instructor. Class meets August 31-November 2.

• 57520	F	900 - 1200	NUR 1.108	GOLDSTEIN, L
	F	100 - 400P	NUR 1.108	

N 277P CLINICAL CARE MANAGEMENT PRAC

Offered on the letter-grade basis only. Application of selected concepts and theories of management in the planning and delivery of health care. Nursing 277P and 377P may not both be counted. Prerequisite: Nursing 265, 365P, 266, and 366P; and credit or registration in Nursing 377 or 377H. Class meets August 30- November 12.

• 57525	M	630 - 230P		ALBERSON, L
	M	230 - 330P	NUR 5.154	

CLINICAL CARE MANAGEMENT PRAC

Offered on the letter-grade basis only. Application of selected concepts and theories of management in the planning and delivery of health care. Nursing 277P and 377P may not both be counted. Prerequisite: Nursing 265, 365P, 266, and 366P; and credit or registration in Nursing 377 or 377H. Class meets August 30-November 12.

• 57530	M	630 - 230P		ROCHE, M
	M	230 - 330P	NUR 5.150	
• 57535	M	230 - 1030P		CARTER, S
	M	130 - 230P	NUR 5.150	

CLINICAL CARE MANAGEMENT PRAC

Offered on the letter-grade basis only. Application of selected concepts and theories of management in the planning and delivery of health care. Nursing 277P and 377P may not both be counted. Prerequisite: Nursing 265, 365P, 266, and 366P; and credit or registration in Nursing 377 or 377H. Class meets August 30-November 6.

• 57540	T	630 - 230P		ALBERSON, L
	T	230 - 330P	NUR 5.150	
• 57545	T	630 - 230P		ROCHE, M
	T	230 - 330P	NUR 5.154	
• 57550	T	230 - 1030P		CARTER, S
	T	130 - 230P	NUR 5.150	

N 279P CAPSTONE PRECEPTORSHIP

Hour(s) to be arranged. Offered on the pass/fail basis only. Designed to provide students with clinical experiences similar to those that confront newly employed registered nurses. Focuses on the role transformation of students and on clinical competence in communication, collaboration, negotiation, delegation, coordination, and evaluation of interdisciplinary work. Prerequisite: Nursing 377 or 377H, and 277P or 377P. Class meets November 13-December 10. Clinical hours taught in Austin-area hospitals.

• 57555				ALBERSON, L
• 57560				ANDERSON, M
• 57565				BARR, J
• 57570				HAERTEL, L
• 57575				HAERTEL, L

N 380F ADV PSYCH-MNTL HLTH I-FPMHNP

Offered on the letter-grade basis only. Studies the theory and evidence bases for diagnosis and management of a variety of common psychiatric and behavioral disorders. Emphasizes diagnostic reasoning, clinical decision-making, and therapeutic strategies appropriate for the role of the family psychiatric and mentalhealth nurse practitioner. Considers the sociocultural and community context for patient care. Prerequisite: Graduate standing in the School of Nursing, and consent ofinstructor or one of the following: Nursing 392E, 395C, 396C, 396J; concurrent enrollment in Nursing 380G; credit or registration for Nursing 180C. Topic title: Advanced psychiatric-mental health nursing I. Restricted to Family Psychiatric and Mental Health Nurse Practitioner students.

• 57580	T	100 - 400P	NUR 4.176	GUSTAFSON, T

N 380G ADV PSY/MNTL HLTH NUR I: CLIN

Offered on the letter-grade basis only. A precepted, clinical environment in which to apply knowledge related tobiological and psychosocial theories, pharmacology, health promotion, and ethics to patients and families with common psychiatric and behavioral disorders. Emphasis is placed on role development using standardized procedures and tools that assist in diagnosis, treatment, and developing beginning-level therapy skills in multiple modalities. Prerequisite: Graduate standing in the School of Nursing, and consent ofinstructor or one of the following: Nursing 380D, concurrent enrollment in Nursing 380F, credit or registration for Nursing 180C. meets with N 380G.

• 57585	T	400 - 500P	NUR 4.176	GUSTAFSON, T

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course unique days time room instructor

ADV PSYCH & MH I CLINIC-PMHNP

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. A precepted, clinical environment in which to apply knowledge related tobiological and psychosocial theories, pharmacology, health promotion, and ethics to patients and families with common psychiatric and behavioral disorders. Emphasis is placed on role development using standardized procedures and tools that assist in diagnosis, treatment, and developing beginning-level therapy skills in multiple modalities. Prerequisite: Graduate standing in the School of Nursing, and consent ofinstructor or one of the following: Nursing 380D, concurrent enrollment in Nursing 380F, credit or registration for Nursing 180C. Topic title: Advanced psychiatric-mental health nursing I clinical. Restricted to Psychiatric and Mental Health Nurse Practitioner students. meets with N 380G.

- 57590 T 400 - 500P NUR 4.176
- 57595 T 400 - 500P NUR 4.176 ROLIN, D

N 380M 4-PHILOS & THEOR BASES NUR SCI

Course number may be repeated for credit when the topics vary. Philosophical principles and theories that contribute to the ongoing evolution of nursing science. Explores the historical development of nursing as a professional discipline in the context of philosophy and science. Prerequisite: Graduate standing and consent of instructor. Prerequisite: Graduate standing and Nursing 397L (Topic 4: Critical Review of the Literature).

- 57600 TH 100 - 400P NUR 5.170 WALKER, L

N 480T PMHNP: MGMT OF CHRONIC ILL

Offered on the letter-grade basis only. Analysis and application of physiological, psychosocial, spiritual, and environmental concepts to treat selected patients with chronic illness. Focus on dynamics of chronic illness and related psychiatric mental health nurse practitioner roles. Explores concepts relevant to the management of complex and chronic health care problems often comorbid with psychiatric illness. Includes supervised instruction in clinical agencies. Prerequisite: Graduate standing, and Nursing 396C, 396J, 395C, 280C, and480Q; or consent of instructor. meets with N 396N, N 589E, N 480T, N 396U.

- 57605 T 900 - 1200 NUR 1.116 GUSTAFSON, T

PMHNP: MGMT OF CHRONIC ILL

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Analysis and application of physiological, psychosocial, spiritual, and environmental concepts to treat selected patients with chronic illness. Focus on dynamics of chronic illness and related psychiatric mental health nurse practitioner roles. Explores concepts relevant to the management of complex and chronic health care problems often comorbid with psychiatric illness. Includes supervised instruction in clinical agencies. Prerequisite: Graduate standing, and Nursing 396C, 396J, 395C, 280C, and480Q; or consent of instructor. meets with N 396U, N 480T, N 589E, N 396N.

- 57610 T 900 - 1200 NUR 1.116 GUSTAFSON, T
- 57615 T 900 - 1200 NUR 1.116 ROLIN, D

N 281C HEALTH INFORMATICS

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Information and communication technologies are increasingly being applied to the healthcare context, with many new jobs opening up in areas such as health information management, electronic health records, and consumer and public health informatics. Explores the challenges and career opportunities provided by these recent developments. Discusses major issues-social, cultural, political, economic, technological, historical, and ethical-associated with health informatics. Prerequisite: Graduate standing.

- 57620 TH 100 - 300P NUR 5.178 XIE, B

N 381D LDRSHIP DEVELOP HLTHCAR PRO

Offered on the letter-grade basis only. Examines leader-follower partnerships in diverse healthcare settings. Uses theories, research findings, and expert opinions from several fields of study to explore the related concepts of power, authority, influence, leadership, followership, decisional involvement, structural empowerment, and emotional intelligence in the context of complex healthcare work environments. Special emphasis is placed on the use of effective leadership and followership behaviors to sustain high performing interprofessional teams and improve quality outcomes for patients, families, and healthcare organizations. Prerequisite: Graduate Standing

- 57625 M 900 - 1200 NUR 1.106 ACTON, G
- 57630 TH 100 - 400P NUR 5.180 JOHNSON, K

N 281W LEADS ADV NURS CAPSTONE PRAC

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Focuses on program evaluation, policy implications and analysis, and development of leadership in diverse settings. Prerequisite: Graduate standing and Nursing 281V.

- 57635 HERNANDEZ, J
- 57640 T 900 - 1100 NUR 5.150 ABBYAD, C
- 57645 T 900 - 1100 NUR 5.154 RADHAKRISHNAN, K

N 382 SOCIOCUL INFLUENCES ON HEALTH

Focuses on factors associated with health status, health care, and health policies. Using an ecological approach, the course explores relationships among individual characteristics such as gender, education, income, literacy, race, ethnicity, culture, acculturation, disability, age, and sexual orientation; interpersonal factors such as communication with health care providers, family and social ties, and discrimination; and societal-level factors such as neighborhood and community context, health care organizations, economics, politics and policies and seeks to understand how those factors shape health behaviors, access to health care services, and health status locally, nationally, and globally. Prerequisite: Graduate standing.

- 57650 TH 400 - 700P NUR 5.176 KIM, M

N 386Q QUALITY & SAFETY IN HEALTHCARE

Examination of quality and safety in the U.S. healthcare system based on quantitative and qualitative research findings, expert opinions, and cultural surveys. Explores and evaluates strategies for creating and sustaining a culture of safety in healthcare. Prerequisite: Graduate standing.

- 57655 T 400 - 700P NUR 1.118 BENHAM-HUTCHINS, M

N 287G PSYCHIATRIC-MENTAL HEALTH NUR

Hour(s) to be arranged. The biological, environmental, cultural, and interpersonal factors affecting individuals with psychiatric-mental health problems. Nursing 484G and 287G may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, and 387F. Class meets August 29-October 12.

- 57660 OTTO, M

PSYCHIATRIC-MENTAL HEALTH NUR

The biological, environmental, cultural, and interpersonal factors affecting individuals with psychiatric-mental health problems. Nursing 484G and 287G may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, and 387F. Class meets October 17-December 7.

- 57665 W 300 - 530P NUR 5.167 OTTO, M
  F 1030 - 1230P NUR 5.167

N 287H CHILD HEALTH NURSING

Hour(s) to be arranged. Integrates concepts, theories, and processes essential to understanding the health and illness of children within the context of the family. Nursing 484H and 287H may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, and 387F. Class meets August 29-October 12.

- 57670 SUMPTER, D

CHILD HEALTH NURSING

Integrates concepts, theories, and processes essential to understanding the health and illness of children within the context of the family. Nursing 484H and 287H may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, and 387F. Class meets October 17-December 7.

- 57675 W 300 - 530P NUR 5.180 SUMPTER, D
  F 1030 - 1230P NUR 5.180

N 287J MATERNITY NURSING

Hour(s) to be arranged. Focuses on the normal processes and physiological alterations that occurbefore, during, and after pregnancy. Presents concepts, theories, and processes essential for promoting health and addressing health concerns of women, neonates, and their families during the childbearing years. Nursing 384J and 287J may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, and 387F. Class meets August 29-October 12.

- 57680 MURPHY, L

MATERNITY NURSING

Focuses on the normal processes and physiological alterations that occurbefore, during, and after pregnancy. Presents concepts, theories, and processes essential for promoting health and addressing health concerns of women, neonates, and their families during the childbearing years. Nursing 384J and 287J may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, and 387F. Class meets October 17-December 7.

- 57685 W 300 - 530P NUR 3.156A MURPHY, L
  F 1030 - 1230P NUR 3.156A

N 287Q PUBLIC HEALTH NURSING

Hour(s) to be arranged. Integration of nursing, public health, and social science concepts and theories essential for promoting and restoring health and preventing disease and disability in aggregates, populations, and communities. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, 387F. Class meets August 29-October 12.

- 57690 HORTON, S

PUBLIC HEALTH NURSING

Integration of nursing, public health, and social science concepts and theories essential for promoting and restoring health and preventing disease and disability in aggregates, populations, and communities. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, 387F. Class meets October 17-December 7.

- 57695 W 300 - 530P NUR 5.176 HORTON, S
  F 1030 - 1230P NUR 5.176

N 387R ADULT HEALTH NURSING II

Advanced concepts, theories, and research findings essential for promoting and restoring health of adults with selected complex physiological alterations and responses. Nursing 484R and 387R may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for Nursing 390F.

- 57700 W 900 - 1200 NUR 1.116 SWARTS, L

N 389C ADULT-GERNTL CNS: ROLE DIMENS

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Survey of the underlying values and the central and core competencies ofthe adult-gerontology clinical nurse specialist in adults (young adults through older adults)

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across the spheres of influence (patient, nursing practice, organization/system). Application of theory and research to advanced practice. Prerequisite: Graduate standing, and credit or registration for Nursing 392E or consent of instructor.

• 57705	T	1200 - 300P	NUR 5.180	TIMMERMAN, G

N 589E ADULT-GERNTL CNS: CHRONIC ILLN

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Analysis of physiological, psychosocial, spiritual, and environmental concepts and testing of assessment and interventions for select adult-gerontology (AG) populations with chronic illness conditions. The focus is on dynamics of multiple chronic illness and related Adult-Gerontology Clinical Nurse specialist (AG-CNS) roles. Prerequisite: Graduate standing and Nursing 389C, 389D, 489F, 392E, 395C, 396C, and 396J; or consent of instructor. meets with N 396U, N 589E, N 480T, N 396N.

• 57710	T	900 - 1200	NUR 1.116	JOINER-ROGERS, G
• 57715	T	900 - 1200	NUR 1.116	JOINER-ROGERS, G

ADULT-GERNTL CNS: CHRONIC ILLN

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Analysis of physiological, psychosocial, spiritual, and environmental concepts and testing of assessment and interventions for select adult-gerontology (AG) populations with chronic illness conditions. The focus is on dynamics of multiple chronic illness and related Adult-Gerontology Clinical Nurse specialist (AG-CNS) roles. Prerequisite: Graduate standing and Nursing 389C, 389D, 489F, 392E, 395C, 396C, and 396J; or consent of instructor.

• 57720	T	900 - 1200	NUR 1.116	SUMLIN, L

N 389M ADULT-GERNTL CNS: PRAC I

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Guided clinical application of Adult-Gerontology Clinical Nurse Specialist (AG-CNS) core competencies (expert coaching, collaboration, consultation, research, leadership, and ethical decision-making) in delivery of care for select adult-gerontology (AG) populations to promote health and manage acute and/or multiple chronic conditions at the patient, nurse, and system level. Preparation for certification and credentialing as an AG-CNS. Prerequisite: Graduate standing; Nursing 386Q, 389C, 389D, 392E, 392P, 395C, 396C, 396J, and 489F, or consent of instructor. meets with N 389M.

• 57725	T	100 - 300P	NUR 1.118	DELVILLE, C
• 57730	T	100 - 300P	NUR 1.118	JOINER-ROGERS, G

ADULT-GERNTL CNS: PRAC I

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Guided clinical application of Adult-Gerontology Clinical Nurse Specialist (AG-CNS) core competencies (expert coaching, collaboration, consultation, research, leadership, and ethical decision-making) in delivery of care for select adult-gerontology (AG) populations to promote health and manage acute and/or multiple chronic conditions at the patient, nurse, and system level. Preparation for certification and credentialing as an AG-CNS. Prerequisite: Graduate standing; Nursing 386Q, 389C, 389D, 392E, 392P, 395C, 396C, 396J, and 489F, or consent of instructor.

• 57735	T	100 - 300P	NUR 1.118	SUMLIN, L

N 390F ADULT HEALTH NUR I PRACTICUM

Additional hour(s) to be arranged. Application of concepts, theories, processes and skills pertinent to promoting and restoring the health of adults with selected commonly occurring physiological alterations and responses. Nursing 484F and 390F may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284C, 284N, 284P, and 387F. Clinical hours taught in Austin-area hospitals.

• 57740	M	645 - 330P		HERRERA, A
	F	800 - 1000	NUR 4.108	
• 57745	M	645 - 330P		LIN, L
	F	800 - 1000	NUR 4.118	
• 57750	M	645 - 330P		KIEL, L
	F	800 - 1000	NUR 4.120	
• 57755	T	645 - 330P		HERRERA, A
	F	100 - 300P	NUR 4.108	
• 57760	T	645 - 330P		LIN, L
	F	100 - 300P	NUR 4.118	
• 57765	T	645 - 330P		HENDRICKSON, S
	F	100 - 300P	NUR 4.120	

N 290G PSYCH-MENTAL HEALTH NUR PRACT

Hour(s) to be arranged. Application of concepts, theories, processes, and skills that are pertinent to promoting mental health and providing nursing care for people with psychiatric and mental illnesses. Nursing 484G and 290G may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for Nursing 287G and 390F. Class meets August 30-October 18. Clinical hours taught in Austin-area hospitals.

• 57770				
• 57775				OTTO, M

PSYCH-MENTAL HEALTH NUR PRACT

Additional hour(s) to be arranged. Application of concepts, theories, processes, and skills that are pertinent to promoting mental health and providing nursing care for people with psychiatric and mental illnesses. Nursing 484G and 290G may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for Nursing 287G and 390F. Class meets October 22-December 10. Clinical hours taught in Austin-area hospitals.

• 57780	MTH	630 - 230P		OTTO, M

N 290H CHILD HEALTH NURSING PRACTICUM

Hour(s) to be arranged. Additional hour(s) to be arranged. Application of concepts, theories, processes, and skills pertinent to the care of children within the context of the family. Nursing 484H and 290H may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for Nursing 287H and 390F. Class meets August 30-October 16. Clinical hours taught in Austin-area hospitals.

• 57785				CHRISTIANSEN, B

CHILD HEALTH NURSING PRACTICUM

Additional hour(s) to be arranged. Application of concepts, theories, processes, and skills pertinent to the care of children within the context of the family. Nursing 484H and 290H may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for Nursing 287H and 390F. Class meets October 18-December 6. Clinical hours taught in Austin-area hospitals.

• 57790	T	645 - 245P		
	TH	800 - 500P		
• 57795	T	645 - 245P		CHRISTIANSEN, B
	TH	800 - 500P		

N 290J MATERNITY NURSING PRACTICUM

Hour(s) to be arranged. Application of concepts, theories, processes, and skills pertinent to the care of women, neonates, and their families during the childbearing years. Nursing 384J and 290J may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for 287J and 390F. Class meets August 30-October 18. Clinical hours taught in Austin-area hospitals.

• 57800				MURPHY, L

MATERNITY NURSING PRACTICUM

Additional hour(s) to be arranged. Application of concepts, theories, processes, and skills pertinent to the care of women, neonates, and their families during the childbearing years. Nursing 384J and 290J may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for 287J and 390F. Class meets October 22-December 10. Clinical hours taught in Austin-area hospitals.

• 57805	M	645 - 245P		ABBYAD, C
	TH	800 - 500P		
• 57810	M	645 - 245P		MURPHY, L
	TH	800 - 500P		

N 390L EDUCATOR AS LEADER

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Introduction to the essential skills that facilitate nursing leadership through innovative teaching. Critical elements include theoretical analysis and application of teaching and learning strategies, elements of effective communication, learner assessment, and evaluation strategies applicable in diverse academic and clinical settings. Approaches to the development of values integral for a novice nurse leader-educator are integrated throughout the course including ethical and legal considerations. Nursing 390L and 395 (Topic: Educator as Leader) may not both be counted. Prerequisite: Graduate standing.

• 57815	TH	900 - 1130	NUR 1.106	TAXIS, J

N 390M TCHNG/LRNG IN PRAC SETTINGS

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Designed to prepare the nurse educator to effectively assess, design, implement and evaluate educational experiences and/or projects for various learners in clinical and community practice settings. Covers experiential opportunities, evidence-based pedagogy, and best teaching practices in the simulated experiences; covers interprofessional education, staff development, and teaching patients, families, and nursing students using learning theory and cognitive science. Prerequisite: Graduate standing; credit or registration for Nursing 390L, or consent of instructor.

• 57820	TH	100 - 400P	NUR 1.106	SUMPTER, D

N 290Q PUBLIC HEALTH NUR PRACTICUM

Hour(s) to be arranged. Application of public health nursing concepts, theories, and processes pertinent to the care of aggregates, populations, and communities. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for 287Q and 390F. Class meets August 30-October 16. Clinical hours taught in Austin-area hospitals.

• 57825				GUILLET DE GUTIERR
• 57830				HORTON, S

PUBLIC HEALTH NUR PRACTICUM

Additional hour(s) to be arranged. Application of public health nursing concepts, theories, and processes pertinent to the care of aggregates, populations, and communities. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F; and credit or registration for 287Q and 390F. Class meets October 18-December 6. Clinical hours taught in Austin-area hospitals.

• 57835	T	800 - 500P		GUILLET DE GUTIERR
	TH	800 - 300P		

N 392E APPL OF HEALTH CARE RESEARCH

Designed to prepare students to discover, examine, and evaluate knowledge, theories, and creative approaches to health care. Focuses on the skills needed to identify research questions in practice, evaluate existing practice in the light of research findings, and develop strategies to incorporate research findings into the clinical setting. Prerequisite: Graduate standing.

• 57840	W	900 - 1200	NUR 5.180	DANESH, V
• 57845	W	400 - 700P	NUR 1.116	DANESH, V

N 194 INDEPENDENT STUDY

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Detailed or in-depth study in a specific topic area. Topic and mode of study are

April 3, 2018

agreed upon by student and instructor. Prerequisite: Graduate standing and consent of instructor.
• 57850

N 294 INDEPENDENT STUDY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Detailed or in-depth study in a specific topic area. Topic and mode of study are agreed upon by student and instructor. Prerequisite: Graduate standing and consent of instructor.
• 57855

N 394 INDEPENDENT STUDY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Detailed or in-depth study in a specific topic area. Topic and mode of study are agreed upon by student and instructor. Prerequisite: Graduate standing and consent of instructor.
• 57860

INDEPENDENT STUDY IN NUR-DNP
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Detailed or in-depth study in a specific topic area. Topic and mode of study are agreed upon by student and instructor. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Doctor of Nursing Practice program.
• 57865

INDEPENDENT STUDY IN NUR-DQE
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Detailed or in-depth study in a specific topic area. Topic and mode of study are agreed upon by student and instructor. Prerequisite: Graduate standing and consent of instructor. Restricted to doctoral qualifying examination students.
• 57870

N 494 INDEPENDENT STUDY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Detailed or in-depth study in a specific topic area. Topic and mode of study are agreed upon by student and instructor. Prerequisite: Graduate standing and consent of instructor.
• 57875

N 394C ADV PED HLTH AND DEVEL ASSMNT
Advanced developmental and health assessment of children (newborn through adolescent). Emphasis is on theories and skills applicable to the assessment of children. Prerequisite: Graduate standing, admission to the pediatric nurse practitioner specialization, credit or registration for Nursing 192V and396C, and consent of instructor.
• 57880 M 1200 - 200P NUR 4.150 LOIKA, E
M 200 - 400P NUR 4.118

ADV PED HLTH AND DEVEL ASSMNT
Laboratory hour(s) to be arranged. Advanced developmental and health assessment of children (newborn through adolescent). Emphasis is on theories and skills applicable to the assessment of children. Prerequisite: Graduate standing, admission to the pediatric nurse practitioner specialization, credit or registration for Nursing 192V and396C, and consent of instructor.
• 57885 M 1200 - 200P NUR 4.154 EDGAR, C
M 200 - 400P NUR 4.108

N 394V CHILD/ADL PSYCH MENTAL HLTH
Offered on the letter-grade basis only. Examines foundational content relative to the care of children and adolescents with behavioral and psychiatric mental health disorders. Aspects of care examined will include health promotion, screening, treatment and referral to psychiatric mental health specialists. Focus on inter-professional and collaborative practice using evidence-based models for evaluation and management of common behavioral and psychiatric mental health disorders in the child and adolescent. Prerequisite: Credit for Nursing 394E and Nursing 394F, or consent of instructor.
• 57890 TH 900 - 1200 NUR 5.176

N 195 DEVELOPMENTAL WRITING
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Areas of special interest. Prerequisite: Graduate standing; some topics also require consent of instructor.
• 57895 BELLQUIST, J

N 395 BUDGET & FINANCE IN HLTH CAR
Course number may be repeated for credit when the topics vary. Areas of special interest. Prerequisite: Graduate standing; some topics also require consent of instructor.
• 57900 T 1200 - 300P NUR 5.178 YODER, L

HEALTH INFORMATICS-WB
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Areas of special interest. Prerequisite: Graduate standing; some topics also require consent of instructor. Taught as a Web-based course.
• 57905 XIE, B

N 395E DOCTOR OF NURSING PRAC ROLE
Hour(s) to be arranged. Offered on the letter-grade basis only. Explores the role of the Doctor of Nursing Practice in the broader healthcare environment along with the development and application of knowledge in advanced practice nursing roles. Emphasizes how knowledge is acquired, the theoretical underpinnings upon which nursing practice is based, and the application of knowledge to practice. Restricted to students in the Doctor of Nursing Practice program. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 57910 HENSLEY, J

N 395F THEOR FOUNDTN NUR PRACTICE
Hour(s) to be arranged. Offered on the letter-grade basis only. Examines the nature of theory and theory development for nursing practice; the application of theory to practice, practice change, and scholarship are also explored. Restricted to students in the Doctor of Nursing Practice program. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 57915 ACTON, G

N 395G TRANS EVIDENCE INTO NURS PRAC
Hour(s) to be arranged. Offered on the letter-grade basis only. Methods for developing best practice protocols and putting them into action. Explores analytic and measurement methods to critically appraise literature, how to function as a consultant or in a collaborative research role, and participation in dissemination of evidence-based practice guidelines to improve healthcare outcomes. Restricted to students in the Doctor of Nursing Practice program. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 57920 YODER, L

N 395M EPIDEMIOLOGY & POP HEALTH
Offered on the letter-grade basis only. Explores in detail the roles of federal, state, and local governments in relationship to the core functions of public health. Health disparities and the needs of priority populations will also be analyzed. Health promotion models impacting specific populations and population-focused health initiatives will be evaluated. Prerequisite: Graduate standing; Nursing 395E, 395F, and 395G. Restricted to students in the Doctor of Nursing Practice program. Partially taught as a Web-based course.
• 57925 GARCIA, A

N 395N BIOSTATISTICS
Offered on the letter-grade basis only. Basic concepts in descriptive and inferential statistical methods. Explores intermediate statistical concepts including analysis of variance (ANOVA) with planned comparisons and post-hoc tests, factorial ANOVA, bivariate linear correlation and logistic and multiple regression, survival analysis, the chi-square tests for goodness of fit and association, the Mann-Whitney U test, and the essentials of sample size estimation. Prerequisite: Graduate standing; Nursing 395E, 395F, and 395G. Restricted to students in the Doctor of Nursing Practice program. Partially taught as a Web-based course.
• 57930 XIE, B

N 395V DNP CLIN LDSP SMNR/PRAC III
Hour(s) to be arranged. Offered on the credit/no credit basis only. Implementation of a significant pilot study, a program evaluation project, a quality improvement project, a policy analysis, or a practicechange initiative in an identified area of clinical leadership specialization. Implementation strategies include incorporation of the most recent evidence-based practice in the management of patient care within an interdisciplinary practice model, utilization of evidence-based research in the clinical management of individuals, families, and communities as well as experience in leadership and systems analysis in complex organizations, managing interdisciplinary teams, and developing and implementing quality improvement projects and evidence-based management systems to improve patient, population and health systems outcomes. The student is required to submit an individualized practicum proposal and objectives for the practicum experience. Prerequisite: Graduate standing; Nursing 395E, 395F, 395G, and 395U or 495U or 595U. Restricted to students in the Doctorate of Nursing Practice (option III) program. Partially taught as a Web-based course.
• 57935 CHAMPION, J

N 495V DNP CLIN LDSP SMNR/PRAC III
Hour(s) to be arranged. Offered on the credit/no credit basis only. Implementation of a significant pilot study, a program evaluation project, a quality improvement project, a policy analysis, or a practicechange initiative in an identified area of clinical leadership specialization. Implementation strategies include incorporation of the most recent evidence-based practice in the management of patient care within an interdisciplinary practice model, utilization of evidence-based research in the clinical management of individuals, families, and communities as well as experience in leadership and systems analysis in complex organizations, managing interdisciplinary teams, and developing and implementing quality improvement projects and evidence-based management systems to improve patient, population and health systems outcomes. The student is required to submit an individualized practicum proposal and objectives for the practicum experience. Prerequisite: Graduate standing; Nursing 395E, 395F, 395G, and 395U or 495U or 595U. Restricted to students in the Doctorate of Nursing Practice (option III) program. Partially taught as a Web-based course.
• 57940 CHAMPION, J

N 595V DNP CLIN LDSP SMNR/PRAC III
Hour(s) to be arranged. Offered on the credit/no credit basis only. Implementation of a significant pilot study, a program evaluation project, a quality improvement project, a policy analysis, or a practicechange initiative in an identified area of clinical leadership specialization. Implementation strategies include incorporation of the most recent evidence-based practice in the management of patient care within an interdisciplinary practice model, utilization of evidence-based research in the clinical management of individuals, families, and communities as well as experience in leadership and systems analysis in complex organizations, managing interdisciplinary teams, and developing and implementing quality improvement projects and evidence-based management systems to improve patient, population and health systems outcomes. The student is required to submit an individualized practicum proposal and objectives for the practicum experience. Prerequisite: Graduate standing; Nursing 395E, 395F, 395G, and 395U or 495U or 595U. Restricted to students in the Doctorate of Nursing Practice (option III) program. Partially taught as a Web-based course.
• 57945 CHAMPION, J

Nov 3, 2018

course	unique	days	time	room	instructor

N 396C ADVANCED PATHOPHYSIOLOGY

Offered on the letter-grade basis only. Pathophysiologic concepts from the cellular level through major body systems and across the life span. Etiological, pathogenic, and presenting patterns. Fundamental concepts of anatomy and physiology. Students are expected to develop an understanding of nursing and medicalinterventions for common health problems and the ability to apply and design interventions based on pathophysiologic changes. Nursing 396C and Pharmacy 395D may not both be counted. Prerequisite: Graduate standing and consent of instructor.

• 57950	W	900 - 1200	NUR 5.178	INNERARITY, S
• 57955	W	400 - 700P	NUR 5.178	INNERARITY, S

N 396J ADVANCED HEALTH ASSESSMENT

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Advanced knowledge and skills involved in the assessment of individuals throughout the life span, within the context of the family, to determinetheir health status. Prerequisite: Graduate standing, credit or registration for Nursing 396C, and consent of instructor.

• 57960	M	1200 - 200P	NUR 1.116	DIVIN, C
	M	200 - 400P	NUR 4.108	
• 57965	M	200 - 400P	NUR 4.118	YOUNG, C
	M	1200 - 200P	NUR 1.116	
• 57970	M	200 - 400P	NUR 4.120	LOIKA, E
	M	1200 - 200P	NUR 1.116	

ADVANCED HEALTH ASSESSMENT

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Advanced knowledge and skills involved in the assessment of individuals throughout the life span, within the context of the family, to determinetheir health status. Prerequisite: Graduate standing, credit or registration for Nursing 396C, and consent of instructor. Clinical hours taught in Austin-area hospitals. meets with N 396J.

• 57975	M	1200 - 400P	NUR 1.118	BOSE, E
• 57980	M	1200 - 400P	NUR 1.118	CUEVAS, H
• 57985	M	1200 - 400P	NUR 1.118	HENSLEY, J

N 396N PRIM HLTH CARE CONCEPTS II-FNP

Offered on the letter-grade basis only. Theoretical and clinical knowledge needed for the management of complex and chronic health problems of individuals and families. Prerequisite: Graduate standing; admission to the family nurse practitioner specialization; Nursing 396L and 396M; concurrent enrollment in Nursing 196P, 296P, or 396P; and consent of instructor. Topic title: Primary health care concepts II. Restricted to Family Nurse Practitioner students. Partially taught as a Web-based course. meets with N 396U, N 589E, N 480T.

• 57990	T	900 - 1200	NUR 1.116	INNERARITY, S

N 396P PRIM HC CONCEPTS II CLINIC-FNP

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Supervised experience in the nursing management of infants, children, adults, and families who have complex or chronic health problems. Prerequisite: Graduate standing; admission to the family nurse practitioner specialization; Nursing 391D, 396L, and 396M; concurrent enrollment in Nursing 396N; and consent of instructor. Topic title: Primary health care concepts II clinic. Restricted to Family Nurse Practitioner students.

• 57995	T	1200 - 100P	NUR 5.165	DIVIN, C
• 58000	T	1200 - 100P	NUR 5.167	CHAMPION, J

N 396U PEDIAT PRIM HC CONCEPTS II-PNP

Offered on the letter-grade basis only. Theoretical knowledge relevant to the management of complex and chronic primary health care problems from infancy through adolescence. Prerequisite: Graduate standing; admission to the pediatric nurse practitioner or the parent/child nursing specialization; Nursing 396C, 396L, and 396M; concurrent enrollment in Nursing 196V, 296V, or 396V; and consent of instructor. Topic title: Pediatric primary health care concepts II. Restricted to Pediatric Nurse Practitioner students. meets with N 396N, N 589E, N 480T.

• 58005	T	900 - 1200	NUR 1.116	KEY, S

N 396V PED PRIM HC CONCEP II CLIN-PNP

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Clinical practice in the management of complex or chronic health problems of infants, children, and adolescents in a specialty setting aswell as management in primary care. Prerequisite: Graduate standing; admission to the pediatric nurse practitioner specialization; Nursing 394E, 394F and concurrent enrollment in Nursing 396U and consent of instructor. Restricted to Pediatric Nurse Practitioner students. meets with N 396V.

• 58010	T	1200 - 100P	NUR 5.176	EDGAR, C

PED PRIM HC CONCEP II CLIN-PNP

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Clinical practice in the management of complex or chronic health problems of infants, children, and adolescents in a specialty setting aswell as management in primary care. Prerequisite: Graduate standing; admission to the pediatric nurse practitioner specialization; Nursing 394E, 394F and concurrent enrollment in Nursing 396U and consent of instructor. Topic title: Pediatric primary health care concepts II clinical. Restricted to Pediatric Nurse Practitioner students. meets with N 396V.

• 58015	T	1200 - 100P	NUR 5.176	KEY, S

N 197C DOCTORAL SEMINAR I

Offered on the credit/no credit basis only. Introduction to nursing science. Explores the history, current priorities, and funding mechanisms of science development in nursing along with established programs of nursing research. Provides a forum for students to develop and exchange ideas regarding research topics. Prerequisite: Graduate standing. Class meets September 6-November 29.

• 58020	TH	1000 - 1200	NUR 5.165	ACTON, G

N 397L 3-CONC FNDTN OF RSCH DSGN/METH

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Theoretical approach to basic statistical and measurement concepts and their importance to research in health-related areas. Prerequisite: Graduate standing, Nursing 397K, and consent of instructor.

• 58025	W	400 - 700P	NUR 5.174	STUIFBERGEN, A

4-CRITICAL REVIEW OF THE LIT

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Designed to assist the novice researcher in conducting a systematic and critical review of the literature in a substantial area of health-related scholarship. Nursing 381M (Topic 2) and 397L (Topic 4) may not both be counted. Prerequisite: Graduate standing, Nursing 397K, and consent of instructor.

• 58030	F	900 - 1200	NUR 5.154	REW, D

N 397M QUALITATIVE RESEARCH

Introduction to the theoretical and methodological aspects of qualitative research methods. Qualitative research approaches from a variety of disciplines and philosophical traditions, with emphasis on the application of research designs and data collection and analysis techniques to nursing studies. Prerequisite: Graduate standing, and completion of two doctoral-level research courses or consent of instructor.

• 58035	TH	100 - 400P	NUR 4.165	HARRISON, T

N 397R RESEARCH PRACTICUM II

Laboratory hour(s) to be arranged. Examines essential procedural aspects of conducting health-related research. Students focus on conceptual, methodological, and practical aspects of research within an ongoing faculty research project. Prerequisite: Graduate standing; Nursing 397L (Topic 3: Conceptual Foundations of Research Design and Methods), 397L (Topic 5: Quantitative Design, Methods, and Analysis), or consent of instructor; and credit or registration for Nursing 380M (Topic 4: Philosophical and Theoretical Bases of Nursing Science), 382, or consent of instructor. Class meets August 31-December 7. Partially taught as a Web-based course.

• 58040	F	100 - 400P	NUR 5.154	HORNER, S

N 698A THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in nursing and consent of the graduate adviser; for 698B, Nursing 698A.

• 58045

N 698B THESIS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in nursing and consent of the graduate adviser; for 698B, Nursing 698A.

• 58050

N 699R DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Completion of core doctoral courses and admission to candidacy for the doctoral degree.

• 58055

N 999R DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Completion of core doctoral courses and admission to candidacy for the doctoral degree.

• 58060

N 699W DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Nursing 399R, 699R, or 999R.

• 58065

N 999W DISSERTATION

Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Nursing 399R, 699R, or 999R.

• 58070

Archive

COLLEGE OF PHARMACY

Pharmacy Graduate Studies - PGS
Pharmacy PharmD - PHM

PGS 380F BIOMEDICAL PHARMACOLOGY I
Offered on the letter-grade basis only. Basic neurotransmission and pharmacological principles. Physiological effects of drugs used in disease states including neurological, cardiovascular, psychiatric disorders, and pain relief. Only one of the following may be counted: Pharmacy 380F, 480F, Pharmacy Graduate Studies 380F. Prerequisite: Graduate standing and experience or prior coursework in physiology, biochemistry, or organic chemistry.
• 58125 MW 100 - 230P PHR 2.214 DUVAUCHELLE, C

PGS 180J ADV PHARMACEUTICS: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58130

PGS 280J ADV PHARMACEUTICS: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58135

PGS 380J ADV PHARMACEUTICS: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58140

PGS 180M TRANSLATNL SCI PHD SMNR
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Pharmacy 180M, 280M, 380M and Pharmacy Graduate Studies 180M, 280M, 380M may not both be counted unless the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Partially taught as a Web-based course.
• 58145 M 1100 - 100P FREI, C

TRANSLATNL SCI PHD SMNR-S A
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Pharmacy 180M, 280M, 380M and Pharmacy Graduate Studies 180M, 280M, 380M may not both be counted unless the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Taught in San Antonio, Texas. Partially taught as a Web-based course.
• 58150 M 1100 - 100P FREI, C

PGS 380M TEXAS VENTURE LAB-LDRSHIP PRAC
Course number may be repeated for credit when the topics vary. Pharmacy 180M, 280M, 380M and Pharmacy Graduate Studies 180M, 280M, 380M may not both be counted unless the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with MAN 385, M E 397, LAW 379M, E M 397, E E 390V, ASE 396, PGS 380M.
• 58155 M 600 - 900P ATT M1030 ADAMS, R

TX VENTURE LABS STARTUP PRACT
Course number may be repeated for credit when the topics vary. Pharmacy 180M, 280M, 380M and Pharmacy Graduate Studies 180M, 280M, 380M may not both be counted unless the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with MAN 385, M E 397, LAW 379M, E M 397, E E 390V, ASE 396, PGS 380M.
• 58160 M 600 - 900P ATT M1030 ADAMS, R

PGS 381F PRODUCT DEVELOPMENT
Offered on the letter-grade basis only. Application of physical-chemical principles to the formulation and development of stable and bioavailable drug delivery systems. Pharmacy 381D and Pharmacy Graduate Studies 381F may not both be counted. Prerequisite: Graduate standing in the College of Pharmacy, or consent of instructor.
• 58165 F 800 - 1100 PHR 2.208 SMYTH, H

PGS 181J ADV PHARMACY ADMIN: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58170

PGS 281J ADV PHARMACY ADMIN: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58175

PGS 381J ADV PHARMACY ADMIN: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58180

PGS 381W MOL/PHRCOL BASIS THERAPEUT-S A
Hour(s) to be arranged. Offered on the letter-grade basis only. Broad issues of molecular pharmacotherapeutics, including potential and challenge for optimization of drug therapy, implications for drug development and regulation, ethical and social aspects of pharmacogenomics, signal transduction, use of knock-out mice, and informed consent process in pharmacogenomic research. Pharmacy 381W and Pharmacy Graduate Studies 381W may not both be counted. Prerequisite: Graduate standing and consent of instructor. Taught in San Antonio, Texas.
• 58185 LAM, Y

PGS 282J ADV PHARMACOTHERAPY SMNR I-S A
Discussion of advanced pharmacotherapeutics topics, case presentations, and journal clubs at the advanced practitioner level. Pharmacy 282JA and Pharmacy Graduate Studies 282J may not both be counted. Prerequisite: Graduate standing and consent of instructor. Taught in San Antonio, Texas.
• 58190 F 100 - 300P RYAN, L

PGS 282S ADVANCED BIOPHARMACEUTICS
Provides students with a more comprehensive background in biopharmaceutics and the drug approval process. Only one of the following may be counted: Pharmacy 382S, Pharmacy Graduate Studies 280M (Topic: Advanced Biopharmaceuticals), 282S, 382S. Prerequisite: Graduate standing or consent of instructor.
• 58195 W 800 - 1000 CUI, Z

PGS 383D NEUROPHARMACOLOGY
An advanced survey of neurotransmitters and systems in the brain. Covers experimental approaches and pharmacological analysis at behavioral, neurochemical, and neuroanatomical levels to determine mechanisms of actions of drugs that act on the brain. Only one of the following may be counted: Neuroscience 383D, Pharmacy 383D, Pharmacy Graduate Studies 383D. Prerequisite: Graduate standing and consent of instructor.
• 58200 TTH 200 - 330P PHR 2.214 GONZALES, R

PGS 384K FUNDAMENTALS OF TOXICOLOGY
Offered on the letter-grade basis only. An organ system approach to advanced topics in general toxicology. Required course for pharmacology and toxicology graduate students specializing in toxicology. Pharmacy 384K and Pharmacy Graduate Studies 384K may not both be counted. Prerequisite: Graduate standing, and some background in pharmacology or consent of instructor.
• 58205 TTH 930 - 1100 PHR 3.114A KIDANE-MULAT, D

PGS 384T ADVANCED EPIDEMIOLOGY
Review of major research methods and current issues within drug epidemiology. Emphasis on application of methods by reviewing historical and contemporary literature/examples. Areas presented include: how to read, interpret, design, conduct, review, critique and evaluate pharmacoepidemiology studies. Pharmacy 381M (Topic: Advanced Epidemiology) and Pharmacy Graduate Studies 384T may not both be counted. Prerequisite: Graduate standing, and Pharmacy Graduate Studies 384S (or Pharmacy 384S) or consent of instructor.
• 58210 MW 1000 - 1130 PHR 2.208 WILSON, J

PGS 185D RESPONSIBLE CONDUCT OF SCIENCE
Offered on the credit/no credit basis only. Ethical considerations in the conduct of science, including issues of animal welfare and/or human subjects research, data analysis, fraud, publications, misconduct, intellectual property, grants, peer review, and mentor responsibility. Only one of the following may be counted: Neuroscience 185D, Pharmacy 185D, Pharmacy Graduate Studies 185D. Prerequisite: Graduate standing and admission to the doctoral program in pharmacy, or consent of instructor.
• 58215 W 900 - 1000 PHR 2.208 FORD, K

RESPONSIBLE CONDUCT OF SCIENCE
Offered on the credit/no credit basis only. Ethical considerations in the conduct of science, including issues of animal welfare and/or human subjects research, data analysis, fraud, publications, misconduct, intellectual property, grants, peer review, and mentor responsibility. Only one of the following may be counted: Neuroscience 185D, Pharmacy 185D, Pharmacy Graduate Studies 185D. Prerequisite: Graduate standing and admission to the doctoral program in pharmacy, or consent of instructor. meets with NEU 185D.
• 58220 M 1200 - 100P PHR 4.114 GONZALES, R

PGS 185J ADV PHARMACOTHERAPY LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58225

PGS 285J ADV PHARMACOTHERAPY LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58230

PGS 385J ADV PHARMACOTHERAPY LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58235

PGS 385W BIOINFRMTCS INFECT DISEAS-S A
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Pharmacy 185W and Pharmacy Graduate Studies 185W, 285W, 385W may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor; additional prerequisites vary with the topic. Taught in San Antonio, Texas.
• 58240 LEE, G

PGS 486C CELLULAR/SYSTEMS PHYSIOLOGY I
Offered on the letter-grade basis only. Basic principles of human physiology and anatomy in relation to drug action. Includes cellular and subcellular physiology, membrane transport, electrophysiology, synaptic transmission, and autonomic, neurological, and

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cardiovascular physiology and anatomy. Prerequisite: Graduate standing in the Institute for Cellular and Molecular Biology, the Institute for Neuroscience, pharmacy, or psychology; and consent of instructor.

• 58245	MWF	1100 - 1200		GORE, A
	F	1200 - 100P	PHR 3.114B	

PGS 186J ADV MEDICINAL CHEM: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Modern laboratory techniques used in medicinal and natural products chemistry. Prerequisite: Graduate standing and consent of instructor.
• 58250

PGS 286J ADV MEDICINAL CHEM: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Modern laboratory techniques used in medicinal and natural products chemistry. Prerequisite: Graduate standing and consent of instructor.
• 58255

PGS 386J ADV MEDICINAL CHEM: LAB RSCH
Hour(s) to be arranged. May be repeated for credit. Modern laboratory techniques used in medicinal and natural products chemistry. Prerequisite: Graduate standing and consent of instructor.
• 58260

PGS 188J ADV PHARMACOLOGY: LAB RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58265

PGS 288J ADV PHARMACOLOGY: LAB RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58270

PGS 388J ADV PHARMACOLOGY: LAB RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 58275

PGS 288K FNDMNTLS OF FLUORSCNC MICRSCPY
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Pharmacy 188K, 288K, 388K and Pharmacy Graduate Studies 188K, 288K, 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor; additional prerequisites vary with the topic. meets with NEU 285L.

• 58280	W	1200 - 100P	PHR 3.114B	MUKHOPADHYAY, S
	W	100 - 300P	MBB 1.426	

PGS 189Q SEMINAR IN ALCOHOL STUDIES
Offered on the credit/no credit basis only. Presentations and discussion of current research topics in alcohol studies. Pharmacy 189Q and Pharmacy Graduate Studies 189Q may not both be counted. Prerequisite: Graduate standing and consent of instructor.

• 58285	F	300 - 430P	PHR 2.208	MORRISETT, R

PGS 190G ADV PHRMCOTH HUMAN DIS/ILL-S A
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. A comprehensive analysis of disease processes and a determination of appropriate therapeutic interventions for the treatment of those diseases. Pharmacy 190G, 290G, 390G, 490G and Pharmacy Graduate Studies 190G, 290G, 390G, 490G may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor; additional prerequisites vary with the topic. Taught in San Antonio, Texas.
• 58290

PGS 290G ADV PHRMCOTH HUMAN DIS/ILL-S A
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. A comprehensive analysis of disease processes and a determination of appropriate therapeutic interventions for the treatment of those diseases. Pharmacy 190G, 290G, 390G, 490G and Pharmacy Graduate Studies 190G, 290G, 390G, 490G may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor; additional prerequisites vary with the topic. Taught in San Antonio, Texas.
• 58295

PGS 390G ADV PHRMCOTH HUMAN DIS/ILL-S A
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. A comprehensive analysis of disease processes and a determination of appropriate therapeutic interventions for the treatment of those diseases. Pharmacy 190G, 290G, 390G, 490G and Pharmacy Graduate Studies 190G, 290G, 390G, 490G may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor; additional prerequisites vary with the topic. Taught in San Antonio, Texas.
• 58300

PGS 190H ADV PHARMACEUT RSCH CONFERENCE
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing.

• 58305	CROYLE, M
• 58310	CUI, Z
• 58315	GHOSH, D
• 58320	SMYTH, H
• 58325	WILLIAMS, R
• 58330	ZHANG, F

PGS 390K EXP DSGN/RSCH METH IN HLTH CAR
Principles and procedures of experimental, quasi-experimental, and non-experimental research designs; includes reliability, validity, data collection methods, qualitative study designs, and survey methodologies. Pharmacy 390K and Pharmacy Graduate Studies 390K may not both be counted. Prerequisite: Graduate standing. meets with PHM 382K.

• 58335	MW	1000 - 1130	PHR 4.114	BARNER, J

PGS 190R SPEC PROBS PHARMACOTHERAPY-S A
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Individual supervision of research problems in the clinical pharmacy sciences, including pharmacokinetics, pharmacodynamics, efficacy, safety, and pharmaceutical care. Pharmacy 190R, 290R, 390R and Pharmacy Graduate Studies 190R, 290R, 390R may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor; additional prerequisites vary with the topic. Taught in San Antonio, Texas.
• 58340

PGS 290R SPEC PROBS PHARMACOTHERAPY-S A
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Individual supervision of research problems in the clinical pharmacy sciences, including pharmacokinetics, pharmacodynamics, efficacy, safety, and pharmaceutical care. Pharmacy 190R, 290R, 390R and Pharmacy Graduate Studies 190R, 290R, 390R may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor; additional prerequisites vary with the topic. Taught in San Antonio, Texas.
• 58345

PGS 390R SPEC PROBS PHARMACOTHERAPY-S A
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Individual supervision of research problems in the clinical pharmacy sciences, including pharmacokinetics, pharmacodynamics, efficacy, safety, and pharmaceutical care. Pharmacy 190R, 290R, 390R and Pharmacy Graduate Studies 190R, 290R, 390R may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor; additional prerequisites vary with the topic. Taught in San Antonio, Texas.
• 58350

PGS 291E ADV HEMATOL & ONCOL SMNR I-S A
Hour(s) to be arranged. Offered on the credit/no credit basis only. In-depth discussion of the contemporary pharmacotherapy and patient care relating to hematology, oncology, and bone marrow transplantation. Pharmacy 491GA and Pharmacy Graduate Studies 291E may not both be counted. Prerequisite: Graduate standing and consent of instructor. Taught in San Antonio, Texas.

• 58355	KOELLER, J

PGS 191H HLTH OUTC & PHR PRAC RSCH CONF
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing.

• 58360	BARNER, J
• 58365	BROWN, C
• 58370	FORD, K
• 58375	GUMS, T
• 58380	LAWSON, K
• 58385	MOCZYGEMBA, L
• 58390	RASCATI, K
• 58395	WILSON, J

PGS 292E CLINICAL RESEARCH METHS I-S A
Hour(s) to be arranged. Defining a research question, general study design issues, cross-sectional and case-control studies, and diagnostic test evaluation. Pharmacy 292E and Pharmacy Graduate Studies 292E may not both be counted. Prerequisite: Graduate standing. Taught in San Antonio, Texas.

• 58400	SAKLAD, S

PGS 092T JOINT PHD PROG PARTNER INST
Hour(s) to be arranged. May be repeated for credit. Translational science study at partner institutions. May not be taken concurrently with another course at the University of Texas at Austin. Prerequisite: Graduate standing and admission to the Doctor of Philosophy in Translational Science degree program.
• 58405

PGS 193U PHRMCOTHER MASTER'S MENTORSHIP
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Experience in pharmacy practice, research, and/or administration. Prerequisite: Graduate standing and consent of instructor.
• 58410

PGS 293U PHRMCOTHER MASTER'S MENTORSHIP
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Experience in pharmacy practice, research, and/or administration. Prerequisite: Graduate standing and consent of instructor.
• 58415

PGS 393U PHRMCOTHER MASTER'S MENTORSHIP
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Experience in pharmacy practice, research, and/or administration. Prerequisite: Graduate standing and consent of instructor.
• 58420

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course	unique	days	time	room	instructor

PGS 693U PHRMCOTHER MASTER'S MENTORSHIP
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Experience in pharmacy practice, research, and/or administration. Prerequisite: Graduate standing and consent of instructor.
• 58425

PGS 195H ADV PHARMACOTHER RSCH CONF
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 58430 FREI, C
• 58435 KOELLER, J
• 58440 REVELES, K

ADV PHARMACOTHER RSCH CONF
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing. Taught in San Antonio, Texas.
• 58445 LEE, G

PGS 196H ADV MEDICINAL CHEM RSCH CONF
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 58450 DALBY, K
• 58455 FAST, W
• 58460 LEE, S
• 58465 LIU, H
• 58470 WHITMAN, C

PGS 196S SEMINAR IN PHARMACY
Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Pharmacy 196S and Pharmacy Graduate Studies 196S may not both be counted. Prerequisite: Graduate standing in pharmacy.
• 58475 M 900 - 1000 PHR 4.114 GUMS, T

SEMINAR IN PHARMACY
Offered on the credit/no credit basis only. Pharmacy 196S and Pharmacy Graduate Studies 196S may not both be counted. Prerequisite: Graduate standing in pharmacy.
• 58480 T 100 - 200P PHR 4.114 DUVAUCHELLE, C
• 58485 TH 100 - 200P PHR 4.114 WILLIAMS, R
• 58490 TH 200 - 330P PHR 4.114 WHITMAN, C

SEMINAR IN PHARMACY-S A
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 196S and Pharmacy Graduate Studies 196S may not both be counted. Prerequisite: Graduate standing in pharmacy. Taught in San Antonio, Texas.
• 58495 SELTZER, J

PGS 196T SEMINAR IN TOXICOLOGY
Offered on the credit/no credit basis only. Presentations and discussion of current research topics in toxicology. Pharmacy 196T and Pharmacy Graduate Studies 196T may not both be counted. Prerequisite: Graduate standing, and admission to the Toxicology Training Program or consent of instructor.
• 58500 TH 1100 - 1230P PHR 4.114 MUKHOPADHYAY, S

PGS 197H ADV PHARMACOLOGY RESEARCH CONF
Hour(s) to be arranged. Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 58505 DIGIOVANNI, J
• 58510 DUVAUCHELLE, C
• 58515 GONZALES, R
• 58520 GORE, A
• 58525 KIDANE-MULAT, D
• 58530 MILLS, E
• 58535 MORRISETT, R
• 58540 MUKHOPADHYAY, S
• 58545 RICHBURG, J
• 58550 VANDENBERG, C
• 58555 VASQUEZ, K

PGS 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 698A and Pharmacy Graduate Studies 698A may not both be counted. Pharmacy 698B and Pharmacy Graduate Studies 698B may not both be counted. Prerequisite: For 698A, graduate standing in pharmacy and consent of the graduate adviser; for 698B, Pharmacy Graduate Studies 698A (or Pharmacy 698A).
• 58560

PGS 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 698A and Pharmacy Graduate Studies 698A may not both be counted. Pharmacy 698B and Pharmacy Graduate Studies 698B may not both be counted. Prerequisite: For 698A, graduate standing in pharmacy and consent of the graduate adviser; for 698B, Pharmacy Graduate Studies 698A (or Pharmacy 698A).
• 58565

PGS 398T COLLEGE TEACHING METHDLGY-S A
Hour(s) to be arranged. Offered on the letter-grade basis only. Interdisciplinary course intended to provide a foundation of theoreticaland practical knowledge about teaching at the post-secondary level. Instructional methods; instructional design; practice teaching; teaching philosophy; instructional technology; assessment of learning; class discussions; individual consultations. Only one of the following may be counted: Pharmacy 368T, 398T, Pharmacy Graduate Studies 398T, Pharmacy PharmD 398T. Prerequisite: Graduate standing or consent of instructor. Taught in San Antonio, Texas.
• 58570 KUHN, J

PGS 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399R, 699R, 799R, 899R, 999R and Pharmacy Graduate Studies 399R, 699R, 799R, 899R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree.
• 58575

PGS 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399R, 699R, 799R, 899R, 999R and Pharmacy Graduate Studies 399R, 699R, 799R, 899R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree.
• 58580

PGS 799R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399R, 699R, 799R, 899R, 999R and Pharmacy Graduate Studies 399R, 699R, 799R, 899R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree.
• 58585

PGS 899R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399R, 699R, 799R, 899R, 999R and Pharmacy Graduate Studies 399R, 699R, 799R, 899R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree.
• 58590

PGS 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399R, 699R, 799R, 899R, 999R and Pharmacy Graduate Studies 399R, 699R, 799R, 899R, 999R may not both be counted. Prerequisite: Admission to candidacy for the doctoral degree.
• 58595

PGS 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399W, 699W, 799W, 899W, 999W and Pharmacy Graduate Studies 399W, 699W, 799W, 899W, 999W may not both be counted. Prerequisite: Pharmacy Graduate Studies 399R, 699R, 799R, 899R, or 999R (or Pharmacy 399R, 699R, 799R, 899R, or 999R).
• 58600

PGS 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399W, 699W, 799W, 899W, 999W and Pharmacy Graduate Studies 399W, 699W, 799W, 899W, 999W may not both be counted. Prerequisite: Pharmacy Graduate Studies 399R, 699R, 799R, 899R, or 999R (or Pharmacy 399R, 699R, 799R, 899R, or 999R).
• 58605

PGS 799W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399W, 699W, 799W, 899W, 999W and Pharmacy Graduate Studies 399W, 699W, 799W, 899W, 999W may not both be counted. Prerequisite: Pharmacy Graduate Studies 399R, 699R, 799R, 899R, or 999R (or Pharmacy 399R, 699R, 799R, 899R, or 999R).
• 58610

PGS 899W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399W, 699W, 799W, 899W, 999W and Pharmacy Graduate Studies 399W, 699W, 799W, 899W, 999W may not both be counted. Prerequisite: Pharmacy Graduate Studies 399R, 699R, 799R, 899R, or 999R (or Pharmacy 399R, 699R, 799R, 899R, or 999R).
• 58615

PGS 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Pharmacy 399W, 699W, 799W, 899W, 999W and Pharmacy Graduate Studies 399W, 699W, 799W, 899W, 999W may not both be counted. Prerequisite: Pharmacy Graduate Studies 399R, 699R, 799R, 899R, or 999R (or Pharmacy 399R, 699R, 799R, 899R, or 999R).
• 58620

PHM 160J BASIC STD PHRMCEUT RSCH NONMAJ
Hour(s) to be arranged. May be repeated for credit. Original investigation in any area of the pharmaceutical sciences. Prerequisite: Consent of instructor and the dean.
• 58675

PHM 260J BASIC STD PHRMCEUT RSCH NONMAJ
Hour(s) to be arranged. May be repeated for credit. Original investigation in any area of the pharmaceutical sciences. Prerequisite: Consent of instructor and the dean.
• 58680

PHM 360J BASIC STD PHRMCEUT RSCH NONMAJ
Hour(s) to be arranged. May be repeated for credit. Original investigation in any area of the pharmaceutical sciences. Prerequisite: Consent of instructor and the dean.
• 58685

PHM 480C NRML PHYSIO/PATHOPHYSIOLOGY I
Offered on the letter-grade basis only. Integrated approach consisting of normal physiology (with limited functional anatomy), pathophysiology, and basic principles in pharmacology to address the etiology of disease states affecting the nervous, gastrointestinal, visual/olfactory, skin, muscular, and cardiovascular systems. Prerequisite: Admission to the professional pharmacy curriculum.
• 58690 WF 1000 - 1200 PHR 2.110 VANDENBERG, C

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course	unique	days	time	room	instructor

PHM 180K MEDICINAL CHEMISTRY PRINCIPLES

Offered on the letter-grade basis only. Introduction to medicinal chemistry principles. Subjects include drug metabolism and the transition from organic to medicinal chemistry. Pharmacy 143M and Pharmacy PharmD 180K may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum, and credit or registration for Pharmacy PharmD 180P (or Pharmacy 143P).

• 58695	T	900 - 1000	PHR 3.106	DAVIS, P

PHM 180P BASIC PHARMCEUT SCIENCES LAB

Offered on the letter-grade basis only. Laboratory exercises to support the basic pharmaceutical sciences courses. Pharmacy 143P and Pharmacy PharmD 180P may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum, and credit or registration for Pharmacy PharmD 180K (or Pharmacy 143M).

• 58700	TH	900 - 1000	PHR 3.106	FAST, W
	T	200 - 500P	PHR 2.116	
• 58705	TH	900 - 1000	PHR 3.106	FAST, W
	W	200 - 500P	PHR 2.116	
• 58710	TH	900 - 1000	PHR 3.106	FAST, W
	TH	200 - 500P	PHR 2.116	
• 58715	TH	900 - 1000	PHR 3.106	FAST, W
	M	300 - 600P	PHR 2.116	
• 58720	TH	900 - 1000	PHR 3.106	FAST, W
	W	500 - 800P	PHR 2.116	

PHM 180R BASIC STDY PHARMACEUT RSCH-S A

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean. Taught in San Antonio, Texas.

• 58725

BASIC STDY PHARMACEUT RSCH-VAL

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean. Taught in Rio Grande Valley, Texas.

• 58730

BASIC STUDY PHARMACEUT RSCH

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean.

• 58735

PHM 280R BASIC STUDY PHARMACEUT RSCH

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean.

• 58740

BASIC STUDY PHARMCEUT RSCH-S A

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean. Taught in San Antonio, Texas.

• 58745

BASIC STUDY PHARMCEUT RSCH-VAL

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean. Taught in Rio Grande Valley, Texas.

• 58750

PHM 380R BASIC STUDY PHARMACEUT RSCH

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean.

• 58755

BASIC STUDY PHARMCEUT RSCH-S A

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean. Taught in San Antonio, Texas.

• 58760

BASIC STUDY PHARMCEUT RSCH-VAL

Hour(s) to be arranged. May be repeated for credit. Basic exploration in any area of the pharmaceutical sciences. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Admission to the PharmD program and consent of instructor and the dean. Taught in Rio Grande Valley, Texas.

• 58765

PHM 381M PHARMACEUTICAL BIOCHEMISTRY I

Offered on the letter-grade basis only. Basic principles of intermediary metabolism, with emphasis on defects inpathways that result in disease and on identification of molecular targets for therapeutic control. Pharmacy 341C and Pharmacy PharmD 381M may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum.

• 58770	TTH	1100 - 1230P	PHR 2.110	WHITMAN, C

PHM 181S FOUNDATIONS PROF DEVELOPMENT I

Offered on the letter-grade basis only. In-depth education and training to promote personal and professional development of students. Built on six interdependent pillars: Self-Awareness, Professionalism, Leadership, Career Development and Planning, Contemporary Issues in Practice, and Interprofessional Collaborative Practice (ICP). Employs a series of seminars and team-based workshops, and interprofessional learning experiences to inculcate students into the College of Pharmacy and profession of pharmacy. Focuses on self-awareness, professionalism, leadership development, career planning and decision-making, contemporary issues in pharmacy practice, and interprofessional collaboration. Only one of the following may be counted: Pharmacy 142H, Pharmacy PharmD181C, 281C, 181S, 281S. Restricted to students in the College of Pharmacy. Prerequisite: Admission to the professional pharmacy curriculum. meets with PHM 181S.

• 58775	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58780	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58785	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58790	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58795	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58800	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58805	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58810	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58815	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58820	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58825	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58830	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58835	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58840	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58845	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58850	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58855	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58860	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58865	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58870	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58875	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58880	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58885	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58890	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58895	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58900	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58905	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58910	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58915	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58920	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58925	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58930	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58935	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58940	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58945	F	1200 - 100P	PHR 3.106	GINSBURG, D
• 58950	F	1200 - 100P	PHR 3.106	GINSBURG, D

PHM 282E NONSCRP PHMTHR/SELF CARE I

Offered on the letter-grade basis only. Study of nonprescription products and complementary and alternative medicine as it relates to the patient's ability to care for themselves with emphasis on the pharmacist's consultant role in product selection and nonpharmacologic recommendations. Pharmacy 262D and Pharmacy PharmD 282E may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum.

• 58955	TTH	1000 - 1100	PHR 2.108	ACOSTA, W

PHM 382K DESIGN/RSRCH METHODS HLTH CARE

Concepts and procedures involved in designing and completing a research project. Pharmacy 322H and Pharmacy PharmD 382K may not both be counted. Prerequisite: Admission to the Pharmacy Honors Program or consent of instructor. meets with PGS 390K.

• 58960	MW	1000 - 1130	PHR 4.114	BARNER, J

PHM 282S FOUNDATIONS PROF DEVELPMNT III

Additional hour(s) to be arranged. Offered on the letter-grade basis only. In-depth education and training to promote personal and professional development of students. Built on six interdependent pillars: Self-Awareness, Professionalism, Leadership, Career Development and Planning, Contemporary Issues in Practice, and Interprofessional Collaborative Practice (ICP). Employs a series of seminars, team-based workshops, and interprofessional learning experiences to inculcate students into the College of Pharmacy and profession of pharmacy. Focuses on self-awareness, professionalism, leadership development, career planning and decision-making, contemporary issues in pharmacy practice, and interprofessional collaboration. Only one of the following may be counted: Pharmacy 161H, Pharmacy PharmD182C, 282C, 181S, 282S. Prerequisite: Pharmacy PharmD 181D, or 281D, 181T or 281T (or Pharmacy 152H). meets with PHM 282S.

• 58965	F	1200 - 100P	PHR 2.108	DUHON, B
• 58970	F	1200 - 100P	PHR 2.108	DUHON, B

April 3, 2026

course	unique	days	time	room	instructor
	• 58975	F	1200 - 100P	PHR 2.108	DUHON, B
	• 58980	F	1200 - 100P	PHR 2.108	DUHON, B
	• 58985	F	1200 - 100P	PHR 2.108	DUHON, B
	• 58990	F	1200 - 100P	PHR 2.108	DUHON, B
	• 58995	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59000	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59005	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59010	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59015	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59020	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59025	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59030	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59035	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59040	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59045	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59050	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59055	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59060	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59065	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59070	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59075	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59080	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59085	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59090	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59095	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59100	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59105	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59110	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59115	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59120	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59125	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59130	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59135	F	1200 - 100P	PHR 2.108	DUHON, B
	• 59140	F	1200 - 100P	PHR 2.108	DUHON, B

PHM 183F BASIC INTRAVENOUS ADMIX

Offered on the letter-grade basis only. Basic principles of injectable and other sterile dosage forms; methods of preparation and evaluation that meet current pharmacy practice standards. Pharmacy 183F and Pharmacy PharmD 183F may not both be counted. Prerequisite: Pharmacy PharmD 388M (or Pharmacy 356C), 188P (or Pharmacy156P), and credit or registration for 183G (or Pharmacy 183G).

• 59145	TH	1130 - 1230P	PHR 3.106	TEMPLE, H

BASIC INTRAVENOUS ADMIX-S A

Offered on the letter-grade basis only. Basic principles of injectable and other sterile dosage forms; methods of preparation and evaluation that meet current pharmacy practice standards. Pharmacy 183F and Pharmacy PharmD 183F may not both be counted. Prerequisite: Pharmacy PharmD 388M (or Pharmacy 356C), 188P (or Pharmacy156P), and credit or registration for 183G (or Pharmacy 183G). Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 59150	TH	1130 - 1230P		TEMPLE, H

BASIC INTRAVENOUS ADMIX-VAL

Offered on the letter-grade basis only. Basic principles of injectable and other sterile dosage forms; methods of preparation and evaluation that meet current pharmacy practice standards. Pharmacy 183F and Pharmacy PharmD 183F may not both be counted. Prerequisite: Pharmacy PharmD 388M (or Pharmacy 356C), 188P (or Pharmacy156P), and credit or registration for 183G (or Pharmacy 183G). Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.

• 59155	TH	1130 - 1230P		TEMPLE, H

PHM 183G BASIC INTRAVEN ADMIX LAB

Offered on the letter-grade basis only. Basic laboratory principles in the preparation and evaluation of injectable and other sterile dosage forms. Pharmacy 183G and Pharmacy PharmD 183G may not both be counted. Prerequisite: Pharmacy PharmD 388M (or Pharmacy 356C), 188P (or Pharmacy156P) and credit or registration for 183F (or Pharmacy 183F).

• 59160	T	1130 - 1230P	PHR 3.106	TEMPLE, H
	W	100 - 400P	PHR 3.108	
• 59165	T	1130 - 1230P	PHR 3.106	TEMPLE, H
	T	130 - 430P	PHR 3.108	

BASIC INTRAVEN ADMIX LAB-S A

Offered on the letter-grade basis only. Basic laboratory principles in the preparation and evaluation of injectable and other sterile dosage forms. Pharmacy 183G and Pharmacy PharmD 183G may not both be counted. Prerequisite: Pharmacy PharmD 388M (or Pharmacy 356C), 188P (or Pharmacy156P) and credit or registration for 183F (or Pharmacy 183F). Taught in San Antonio, Texas.

• 59170	T	1130 - 1230P		TEMPLE, H
	W	100 - 400P		
• 59175	T	1130 - 1230P		TEMPLE, H
	T	130 - 430P		

BASIC INTRAVEN ADMIX LAB-VAL

Offered on the letter-grade basis only. Basic laboratory principles in the preparation and evaluation of injectable and other sterile dosage forms. Pharmacy 183G and Pharmacy PharmD 183G may not both be counted. Prerequisite: Pharmacy PharmD 388M (or Pharmacy 356C), 188P (or Pharmacy156P) and credit or registration for 183F (or Pharmacy 183F). Taught in Rio Grande Valley, Texas.

• 59180	T	1130 - 1230P		TEMPLE, H
	T	300 - 600P		

PHM 183R ADV STUDY PHARMACEUT RSCH

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean.

• 59185

ADV STUDY PHARMACEUT RSCH-S A

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean. Taught in San Antonio, Texas.

• 59190

ADV STUDY PHARMACEUT RSCH-VAL

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean. Taught in Rio Grande Valley, Texas.

• 59195

PHM 283R ADV STUDY PHARMACEUT RSCH

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean.

• 59200

ADV STUDY PHARMACEUT RSCH-S A

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean. Taught in San Antonio, Texas.

• 59205

ADV STUDY PHARMACEUT RSCH-VAL

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean. Taught in Rio Grande Valley, Texas.

• 59210

PHM 383R ADV STUDY PHARMACEUT RSCH

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean.

• 59215

ADV STUDY PHARMACEUT RSCH-S A

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean. Taught in San Antonio, Texas.

• 59220

ADV STUDY PHARMACEUT RSCH-VAL

Hour(s) to be arranged. May be repeated for credit. No more than three semester hours may be counted toward the professionalpharmacy elective requirement. Prerequisite: Second-professional-year standing and consent of instructor and the dean. Taught in Rio Grande Valley, Texas.

• 59225

PHM 283S FOUNDATIONS PROF DEVELOPMNT V

Additional hour(s) to be arranged. Offered on the letter-grade basis only. In-depth education and training to promote personal and professional development of students. Built on six interdependent pillars: Self-Awareness, Professionalism, Leadership, Career Development and Planning, Contemporary Issues in Practice, and Interprofessional Collaborative Practice (ICP). Employs a series of seminars, team-based workshops, and interprofessional learning experiences to inculcate students into the College of Pharmacy and profession of pharmacy. Focuses on self-awareness, professionalism, leadership development, career planning and decision-making, contemporary issues in pharmacy practice, and interprofessional collaboration. Only one of the following may be counted: Pharmacy 182H, Pharmacy PharmD183C, 283C, 183S, 283S. Prerequisite: Pharmacy PharmD 182D, 282D, or 182T, 282T, (or Pharmacy 172H). meets with PHM 283S.

• 59230	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59235	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59240	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59245	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59250	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59255	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59260	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59265	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59270	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59275	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59280	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59285	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59290	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59295	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59300	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59305	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59310	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59315	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
• 59320	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J

Aug 3, 2018

course	unique	days	time	room	instructor
	• 59325	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59330	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59335	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59340	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59345	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59350	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59355	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59360	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59365	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59370	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J
	• 59375	F	800 - 900	PHR 3.106	RIDINGS-MYHRA, J

PHM 384D ANTIMIC: MECH ACT/CLIN USE

Offered on the letter-grade basis only. Mechanisms of antimicrobial activity and the development of bacterial resistance, and their relationship to clinical therapy. Pharmacy 384D and Pharmacy PharmD 384D may not both be counted. Prerequisite: Pharmacy PharmD 685E (or Pharmacy 675E) and 184P (or Pharmacy 175P).

• 59380	TTH	800 - 930	PHR 4.114	DAVIS, P

ANTIMIC: MECH ACT/CLIN USE-S A

Offered on the letter-grade basis only. Mechanisms of antimicrobial activity and the development of bacterial resistance, and their relationship to clinical therapy. Pharmacy 384D and Pharmacy PharmD 384D may not both be counted. Prerequisite: Pharmacy PharmD 685E (or Pharmacy 675E) and 184P (or Pharmacy 175P). Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 59385	TTH	800 - 930		DAVIS, P

ANTIMIC: MECH ACT/CLIN USE-VAL

Offered on the letter-grade basis only. Mechanisms of antimicrobial activity and the development of bacterial resistance, and their relationship to clinical therapy. Pharmacy 384D and Pharmacy PharmD 384D may not both be counted. Prerequisite: Pharmacy PharmD 685E (or Pharmacy 675E) and 184P (or Pharmacy 175P). Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.

• 59390	TTH	800 - 930		DAVIS, P

PHM 184H ANTIMICROBICS: ADV INQUIRY

Hour(s) to be arranged. Offered on the letter-grade basis only. Designed to give students additional insight, beyond Pharmacy PharmD 384D, into the development of antimicrobial agents and the interactions of these agents with each other, the pathogen, and the patient. Students explore a self-selected topic for research and presentation. Pharmacy 184H and Pharmacy PharmD 184H may not both be counted. Prerequisite: Registration for Pharmacy PharmD 384D.

• 59395

PHM 384K COMMUNITY PHARMACY MGMT

Advanced concepts in community pharmacy management for the student who plans to become a pharmacy owner or manager. Covers operational, personnel, and financial management; marketing; layout and design; and the delivery of pharmaceutical care in a community pharmacy setting. Pharmacy 326C and Pharmacy PharmD 384K may not both be counted. Prerequisite: Pharmacy PharmD 281L (or Pharmacy 244C).

• 59400	TTH	930 - 1100	PHR 4.114	POPE, N

COMMUNITY PHARMACY MGMT-S A

Advanced concepts in community pharmacy management for the student who plans to become a pharmacy owner or manager. Covers operational, personnel, and financial management; marketing; layout and design; and the delivery of pharmaceutical care in a community pharmacy setting. Pharmacy 326C and Pharmacy PharmD 384K may not both be counted. Prerequisite: Pharmacy PharmD 281L (or Pharmacy 244C). Taught in San Antonio, Texas.

• 59405	TTH	930 - 1100		POPE, N

COMMUNITY PHARMACY MGMT-VAL

Advanced concepts in community pharmacy management for the student who plans to become a pharmacy owner or manager. Covers operational, personnel, and financial management; marketing; layout and design; and the delivery of pharmaceutical care in a community pharmacy setting. Pharmacy 326C and Pharmacy PharmD 384K may not both be counted. Prerequisite: Pharmacy PharmD 281L (or Pharmacy 244C). Taught in Rio Grande Valley, Texas.

• 59410	TTH	930 - 1100		POPE, N

PHM 384L PHARMACY/HEALTH CARE SYS

Offered on the letter-grade basis only. The health care system in the United States; principles of managed care;application of pricing policies; and an overview of pharmacy services. Pharmacy 364D and Pharmacy PharmD 384L may not both be counted. Prerequisite: Pharmacy PharmD 281L (or Pharmacy 244C) and 181P (or Pharmacy 144P).

• 59415	TTH	1100 - 1230P	PHR 2.108	LAWSON, K

PHM 284M PHARMACY PRO COMMUNICATIONS

Offered on the letter-grade basis only. Professional communication skills in interacting with patients and otherhealth care professionals. Pharmacy 266P and Pharmacy PharmD 284M may not both be counted. Prerequisite: Pharmacy PharmD 287D (or Pharmacy 242D).

• 59420	W	1000 - 1100	PHR 2.108	DONOVAN, E
	M	100 - 400P	PHR 5.214	
• 59425	W	1000 - 1100	PHR 2.108	DONOVAN, E
	W	100 - 400P	PHR 5.214	
• 59430	W	1000 - 1100	PHR 2.108	DONOVAN, E
	T	130 - 430P	PHR 5.214	
• 59435	W	1000 - 1100	PHR 2.108	DONOVAN, E
	TH	130 - 430P	PHR 5.214	
• 59440	W	1000 - 1100	PHR 2.108	DONOVAN, E
	F	130 - 430P	PHR 5.214	

PHM 685D PHARMACOTHERAPEUTICS I

Offered on the letter-grade basis only. An integrated approach (pathophysiology, medicinal chemistry, pharmacology, and therapeutics) to the etiology and treatment of adrenergic-based diseases; cholinergic-based diseases; inflammatory diseases; hypertension; acute and chronic renal disease; and cardiovascular disease, including hyperlipidemia, circulatory problems, thromboembolic disease, myocardial ischemia, myocardial infarction, congestive heart failure, and arrhythmias. Pharmacy PharmD 181 and 685D (or Pharmacy 665E) may not both be counted.Pharmacy PharmD 182 and 685D (or Pharmacy 665E) may not both be counted.Pharmacy PharmD 483 and 685D (or Pharmacy 665E) may not both be counted. Pharmacy PharmD 685D (or Pharmacy 665E) and 190 may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 282E (or Pharmacy 262D), 195Q (or Pharmacy 163C), 195P (or Pharmacy 163P) and 392P (or Pharmacy 392S).

• 59445	MF	900 - 1200	PHR 2.108	DAVIS, P

PHM 685F PHARMACOTHERAPEUTICS III

Offered on the letter-grade basis only. An integrated approach (pathophysiology, medicinal chemistry, pharmacology, and therapeutics) to the etiology and treatment of neurological and psychiatric disorders. Also includes therapeutics of pain management, anesthesia, drug addiction, and oncology. Pharmacy PharmD 685F (or Pharmacy 695F) and 288 may not both be counted.Pharmacy PharmD 685F (or Pharmacy 695F) or 291 may not both be counted. Pharmacy PharmD 685F (or Pharmacy 695F) and 292 may not both be counted. Prerequisite: Pharmacy PharmD 685E (or Pharmacy 675E) and 182P (or Pharmacy 175P), and credit or registration for Pharmacy PharmD 185P (or Pharmacy 185P) and 385G (or Pharmacy 395G).

• 59450	MW	900 - 1200	PHR 3.106	DAVIS, P

PHARMACOTHERAPEUTICS III-S A

Offered on the letter-grade basis only. An integrated approach (pathophysiology, medicinal chemistry, pharmacology, and therapeutics) to the etiology and treatment of neurological and psychiatric disorders. Also includes therapeutics of pain management, anesthesia, drug addiction, and oncology. Pharmacy PharmD 685F (or Pharmacy 695F) and 288 may not both be counted.Pharmacy PharmD 685F (or Pharmacy 695F) or 291 may not both be counted. Pharmacy PharmD 685F (or Pharmacy 695F) and 292 may not both be counted. Prerequisite: Pharmacy PharmD 685E (or Pharmacy 675E) and 182P (or Pharmacy 175P), and credit or registration for Pharmacy PharmD 185P (or Pharmacy 185P) and 385G (or Pharmacy 395G). Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 59455	MW	900 - 1200		DAVIS, P

PHARMACOTHERAPEUTICS III-VAL

Offered on the letter-grade basis only. An integrated approach (pathophysiology, medicinal chemistry, pharmacology, and therapeutics) to the etiology and treatment of neurological and psychiatric disorders. Also includes therapeutics of pain management, anesthesia, drug addiction, and oncology. Pharmacy PharmD 685F (or Pharmacy 695F) and 288 may not both be counted.Pharmacy PharmD 685F (or Pharmacy 695F) or 291 may not both be counted. Pharmacy PharmD 685F (or Pharmacy 695F) and 292 may not both be counted. Prerequisite: Pharmacy PharmD 685E (or Pharmacy 675E) and 182P (or Pharmacy 175P), and credit or registration for Pharmacy PharmD 185P (or Pharmacy 185P) and 385G (or Pharmacy 395G). Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.

• 59460	MW	900 - 1200		DAVIS, P

PHM 385G PHARMACOTHERAPEUTICS IV

Offered on the letter-grade basis only. An integrated approach (pathophysiology, medicinal chemistry, pharmacology, and therapeutics) to the etiology and treatment of hormonal disorders and gastrointestinal disorders. Pharmacy PharmD 184 and 385G (or Pharmacy 395G) may not both be counted.Pharmacy PharmD 185 and 385G (or Pharmacy 395G) may not both be counted.Pharmacy PharmD 385G (or Pharmacy 395G) and 187 may not both be counted. Pharmacy PharmD 385G (or Pharmacy 395G) and 189 may not both be counted. Prerequisite: Pharmacy PharmD 685E (or Pharmacy 675E) and 182P (or Pharmacy 172P) and credit or registration for Pharmacy PharmD 185P (or Pharmacy 185P) and 685F (or Pharmacy 695F).

• 59465	F	900 - 1200	PHR 3.106	DUVAUCHELLE, C

PHARMACOTHERAPEUTICS IV-S A

Offered on the letter-grade basis only. An integrated approach (pathophysiology, medicinal chemistry, pharmacology, and therapeutics) to the etiology and treatment of hormonal disorders and gastrointestinal disorders. Pharmacy PharmD 184 and 385G (or Pharmacy 395G) may not both be counted.Pharmacy PharmD 185 and 385G (or Pharmacy 395G) may not both be counted.Pharmacy PharmD 385G (or Pharmacy 395G) and 187 may not both be counted. Pharmacy PharmD 385G (or Pharmacy 395G) and 189 may not both be counted. Prerequisite: Pharmacy PharmD 685E (or Pharmacy 675E) and 182P (or Pharmacy 172P) and credit or registration for Pharmacy PharmD 185P (or Pharmacy 185P) and 685F (or Pharmacy 695F). Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 59470	F	900 - 1200		DUVAUCHELLE, C

PHARMACOTHERAPEUTICS IV-VAL

Offered on the letter-grade basis only. An integrated approach (pathophysiology, medicinal chemistry, pharmacology, and therapeutics) to the etiology and treatment of hormonal disorders and gastrointestinal disorders. Pharmacy PharmD 184 and 385G (or Pharmacy 395G) may not both be counted.Pharmacy PharmD 185 and 385G (or Pharmacy 395G) may not both be counted.Pharmacy PharmD 385G (or Pharmacy 395G) and 187 may not both be counted. Pharmacy PharmD 385G (or Pharmacy 395G) and 189 may not both be counted. Prerequisite: Pharmacy PharmD 685E (or

April 3, 2026

course	unique	days	time	room	instructor

Pharmacy 675E) and 182P (or Pharmacy 172P) and credit or registration for Pharmacy PharmD 185P (or Pharmacy 185P) and 685F (or Pharmacy 695F). Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.

• 59475	F	900 - 1200		DUVAUCHELLE, C

PHM 185P PHARMACOTHERAPEUT III LAB-S A

Offered on the letter-grade basis only. Problem-based laboratory that integrates the pathology, medicinal chemistry, pharmacology, and therapeutic aspects of various diseases in order to prepare students to make sound therapeutic decisions. Pharmacy 185P and Pharmacy PharmD 185P may not both be counted. Prerequisite: Credit for Pharmacy PharmD 685E (or Pharmacy 675E), 185P (or Pharmacy 175P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G); or credit or registration for Pharmacy PharmD 184P, 187, 288, 189, and 190; or consent of the dean. Taught in San Antonio, Texas.

• 59480	T	330 - 630P		CURRAN, M
• 59485	T	330 - 630P		CURRAN, M
• 59490	TH	330 - 630P		CURRAN, M
• 59495	TH	330 - 630P		CURRAN, M

PHARMACOTHERAPEUT III LAB-VAL

Hour(s) to be arranged. Offered on the letter-grade basis only. Problem-based laboratory that integrates the pathology, medicinal chemistry, pharmacology, and therapeutic aspects of various diseases in order to prepare students to make sound therapeutic decisions. Pharmacy 185P and Pharmacy PharmD 185P may not both be counted. Prerequisite: Credit for Pharmacy PharmD 685E (or Pharmacy 675E), 185P (or Pharmacy 175P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G); or credit or registration for Pharmacy PharmD 184P, 187, 288, 189, and 190; or consent of the dean. Taught in Rio Grande Valley, Texas.

• 59500				CURRAN, M

PHARMACOTHERAPEUTICS III LAB

Offered on the letter-grade basis only. Problem-based laboratory that integrates the pathology, medicinal chemistry, pharmacology, and therapeutic aspects of various diseases in order to prepare students to make sound therapeutic decisions. Pharmacy 185P and Pharmacy PharmD 185P may not both be counted. Prerequisite: Credit for Pharmacy PharmD 685E (or Pharmacy 675E), 185P (or Pharmacy 175P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G); or credit or registration for Pharmacy PharmD 184P, 187, 288, 189, and 190; or consent of the dean.

• 59505	M	100 - 400P	PHR 3.114A	CURRAN, M
• 59510	M	100 - 400P	PHR 3.114B	CURRAN, M
• 59515	W	100 - 400P	PHR 3.114A	CURRAN, M
• 59520	W	100 - 400P	PHR 3.114B	CURRAN, M
• 59525	W	100 - 400P	PHR 3.114D	CURRAN, M
• 59530	T	130 - 430P	PHR 3.114A	CURRAN, M
• 59535	T	130 - 430P	PHR 3.114B	CURRAN, M
• 59540	TH	130 - 430P	PHR 3.114A	CURRAN, M
• 59545	TH	130 - 430P	PHR 3.114B	CURRAN, M
• 59550	TH	130 - 430P	PHR 3.114D	CURRAN, M

PHM 386G SPANISH FOR PHARMACY PRO

Intermediate communication skills in Spanish. Pharmacy 386G and Pharmacy PharmD 386G may not both be counted. Prerequisite: Completion of the second professional year in the College of Pharmacy, and one year of college-level Spanish or consent of instructor.

• 59555	TH	330 - 630P	PHR 2.214	GUILLET DE GUTIERR

PHM 186Q EXPRNTL PHAR PRAC/PAT COUNS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Medication use and dispensing in a practice environment. Counseling skills and techniques for a better understanding of disease states and positive medication outcomes. Pharmacy 176P and Pharmacy PharmD 186Q may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy, and credit or registration for Pharmacy PharmD 685D (or Pharmacy 665E) and 284M (or Pharmacy 266P).

• 59560
• 59565
• 59570

PHM 287DA INTRO TO PATIENT CARE

Offered on the letter-grade basis only. Basic aspects of caring for patients. Includes fieldwork in a local eldercare facility. Pharmacy 242D and Pharmacy PharmD 287D may not both be counted. Prerequisite: For Pharmacy PharmD 287DA, admission to the professional pharmacy curriculum; for 287DB, Pharmacy PharmD 287DA (or Pharmacy 242DA).

• 59575	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	M	800 - 900	PHR 2.208	
• 59580	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	M	800 - 900	PHR 2.214	
• 59585	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	M	800 - 900	PHR 3.110	
• 59590	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	M	800 - 900	PHR 3.114A	
• 59595	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	M	800 - 900	PHR 3.114B	
• 59600	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	M	800 - 900	PHR 5.214	
• 59605	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	T	800 - 900	PHR 2.208	
• 59610	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	T	800 - 900	PHR 2.214	
• 59615	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	T	800 - 900	PHR 3.110	
• 59620	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	T	800 - 900	PHR 3.114A	
• 59625	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	T	800 - 900	PHR 3.114B	
• 59630	TTH	1000 - 1100	PHR 2.110	TEMPLE, H
	T	800 - 900	PHR 5.214	

PHM 287H COMMUN CARE CLINCL SKILLS-S A

Hour(s) to be arranged. Offered on the credit/no credit basis only. Clinical work in a community-based pharmacy practice setting. Includes medication therapy management training, participation in the developmentof patient care plans, the ability to develop and conduct a public health project, carry out patient exercises, and complete prescription management activities such as patient counseling. Pharmacy 287H and Pharmacy PharmD 287H, 387H may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy; Pharmacy PharmD 195Q (or Pharmacy 163C), 195P (or Pharmacy 163P), 384L (or Pharmacy 364D), 284M (or Pharmacy 266P), 182F (or Pharmacy 172E), 182P (or Pharmacy 172P), 184N (or Pharmacy 176E), 289P (or 277P) and 392P (or Pharmacy 392S). Taught in San Antonio, Texas.

• 59635
• 59640

COMMUN CARE CLINCL SKILLS-VAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Clinical work in a community-based pharmacy practice setting. Includes medication therapy management training, participation in the developmentof patient care plans, the ability to develop and conduct a public health project, carry out patient exercises, and complete prescription management activities such as patient counseling. Pharmacy 287H and Pharmacy PharmD 287H, 387H may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy; Pharmacy PharmD 195Q (or Pharmacy 163C), 195P (or Pharmacy 163P), 384L (or Pharmacy 364D), 284M (or Pharmacy 266P), 182F (or Pharmacy 172E), 182P (or Pharmacy 172P), 184N (or Pharmacy 176E), 289P (or 277P) and 392P (or Pharmacy 392S). Taught in Rio Grande Valley, Texas.

• 59645

COMMUNITY CARE CLINICAL SKILLS

Hour(s) to be arranged. Offered on the credit/no credit basis only. Clinical work in a community-based pharmacy practice setting. Includes medication therapy management training, participation in the developmentof patient care plans, the ability to develop and conduct a public health project, carry out patient exercises, and complete prescription management activities such as patient counseling. Pharmacy 287H and Pharmacy PharmD 287H, 387H may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy; Pharmacy PharmD 195Q (or Pharmacy 163C), 195P (or Pharmacy 163P), 384L (or Pharmacy 364D), 284M (or Pharmacy 266P), 182F (or Pharmacy 172E), 182P (or Pharmacy 172P), 184N (or Pharmacy 176E), 289P (or 277P) and 392P (or Pharmacy 392S).

• 59650
• 59655
• 59660
• 59665
• 59670
• 59675

PHM 387M PHYS/CHEM PRINS DRUGS

Offered on the letter-grade basis only. Fundamental, introductory principles of pharmaceutics, including thermodynamics, kinetics, and other basic chemical principles related todrugs. Pharmacy 342C and Pharmacy PharmD 387M may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum, and credit or registration for Pharmacy PharmD 187P (or Pharmacy 142P).

• 59680	M	900 - 1100	PHR 2.110	CROYLE, M
	F	900 - 1000	PHR 2.110	

PHM 287N BIOPHARMACEUTICS

Offered on the letter-grade basis only. Complements the basic pharmaceutics principles covered in Pharmacy PharmD 387M. Subjects include core concepts in biopharmaceutics of drugs. Pharmacy 252C and Pharmacy PharmD 287N may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum.

• 59685	W	800 - 1000	PHR 2.110	CUI, Z

PHM 187P PHYS/CHEM PRINS DRUGS LAB

Offered on the letter-grade basis only. Problem-based learning exercises to reinforce the material presented in Pharmacy PharmD 387M. Pharmacy 142P and Pharmacy PharmD 187P may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum, and credit or registration for Pharmacy PharmD 387M (or Pharmacy 342C).

• 59690	M	100 - 200P	PHR 2.110	CROYLE, M
	M	200 - 500P	PHR 3.106	
• 59695	M	100 - 200P	PHR 2.110	CROYLE, M
	T	200 - 500P	PHR 3.106	

PHM 187R EXPLORATORY RSCH IN PHARM

Hour(s) to be arranged. May be repeated for credit. The student participates in ongoing in-depth research activities in pharmaceutics, medicinal chemistry, toxicology, pharmacology, pharmacy administration, pharmacy practice, or pharmacotherapy. Prerequisite: Pharmacy PharmD 181R (or Pharmacy 151R) and admission to the Pharmacy Honors Program, or consent of the dean.

• 59700

PHM 288H PHARM HON PROPOSAL/TUTORIAL

Hour(s) to be arranged. Honors seminar; development of laboratory research proposal for approvalby the Honors Program Committee. Pharmacy 278H and Pharmacy

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PharmD 288H may not both be counted. Prerequisite: Admission to the Pharmacy Honors Program.
• 59705

PHM 388K HOSPITAL PHARMACY
Basic principles, standards, and procedures involved in providing professional pharmaceutical services in hospitals. Pharmacy 372K and Pharmacy PharmD 388K may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum.
• 59710 TTH 1000 - 1130 PHR 3.106 BURKETT, D

HOSPITAL PHARMACY-S A
Basic principles, standards, and procedures involved in providing professional pharmaceutical services in hospitals. Pharmacy 372K and Pharmacy PharmD 388K may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum. Taught in San Antonio, Texas. Partially taught as a Web-based course.
• 59715 TTH 1000 - 1130 BURKETT, D

HOSPITAL PHARMACY-VAL
Basic principles, standards, and procedures involved in providing professional pharmaceutical services in hospitals. Pharmacy 372K and Pharmacy PharmD 388K may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum. Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.
• 59720 TTH 1000 - 1130 BURKETT, D

PHM 489H PHARM HON THESIS/TUTORIAL
Laboratory hour(s) to be arranged. Honors seminar; laboratory research project conducted under the supervision of one or more faculty members. Pharmacy 479H and Pharmacy PharmD 489H may not both be counted. Prerequisite: Pharmacy PharmD 288H (or Pharmacy 278H).
• 59725 T 1000 - 1100 PHR 3.114D

PHM 389K SOCL MED/CONSUMER HLTHCARE-WB
Offered on the letter-grade basis only. An exploration of how social media is transforming healthcare and improving patient outcomes. Prerequisite: Pharmacy PharmD 282E (or Pharmacy 262D), 182F (or Pharmacy172E), and 182P (or Pharmacy 172P). Taught as a Web-based course.
• 59730 GARZA, A

PHM 290D NTRTNL ASPECT CLIN PHAR
Offered on the letter-grade basis only. Explores the interrelationships of nutrition, disease, and drug therapy,including aspects of both normal and clinical nutrition, nutritional deficiencies, and the metabolic consequences or diseases associated with malnutrition. Patient case studies examine both the effects of drug therapy on nutrition and the effects of nutrition on drug therapy. Disease states covered include cardiovascular disease, diabetes, hepatic and renal failure, and anemia. Pharmacy 270D and Pharmacy PharmD 290D may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 685F (or Pharmacy 695F) and 385G (or Pharmacy 395G). Partially taught as a Web-based course.
• 59735 M 100 - 300P PHR 4.114 RYAN, L

NTRTNL ASPECT CLIN PHAR-S A
Offered on the letter-grade basis only. Explores the interrelationships of nutrition, disease, and drug therapy,including aspects of both normal and clinical nutrition, nutritional deficiencies, and the metabolic consequences or diseases associated with malnutrition. Patient case studies examine both the effects of drug therapy on nutrition and the effects of nutrition on drug therapy. Disease states covered include cardiovascular disease, diabetes, hepatic and renal failure, and anemia. Pharmacy 270D and Pharmacy PharmD 290D may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 685F (or Pharmacy 695F) and 385G (or Pharmacy 395G). Taught in San Antonio, Texas. Partially taught as a Web-based course.
• 59740 M 100 - 300P RYAN, L

NTRTNL ASPECT CLIN PHAR-VAL
Offered on the letter-grade basis only. Explores the interrelationships of nutrition, disease, and drug therapy,including aspects of both normal and clinical nutrition, nutritional deficiencies, and the metabolic consequences or diseases associated with malnutrition. Patient case studies examine both the effects of drug therapy on nutrition and the effects of nutrition on drug therapy. Disease states covered include cardiovascular disease, diabetes, hepatic and renal failure, and anemia. Pharmacy 270D and Pharmacy PharmD 290D may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 685F (or Pharmacy 695F) and 385G (or Pharmacy 395G). Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.
• 59745 M 100 - 300P RYAN, L

PHM 390K CLIN MGMT DRUG INTERACTNS-VAL
Hour(s) to be arranged. Group discussions with an emphasis on clinically relevant drug-drug interactions, mechanisms, significance, and clinical management. Prerequisite: Completion of the second professional year in the College of Pharmacy and consent of instructor. Taught in Rio Grande Valley, Texas.
• 59750 TASNIF, Y

PHM 390S INTERPRO COMMUNITY SVC LRNG
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Integration of community service with contemporary pharmacy practice, with a focus on social justice and social determinants of health care. Pharmacy 370S and Pharmacy PharmD 390S may not both be counted. Prerequisite: Completion of the second professional year in the College of Pharmacy.
• 59755 TH 930 - 1130 PHR 2.214 YOUNG, V

PHM 290W HEALTH LEADERSHIP-WB
Hour(s) to be arranged. Offered on the letter-grade basis only. Develops skills necessary to identify and establish professional goals, build and lead teams, delegate effectively, resolve conflicts, network for career advancement, document leadership experiences/abilities on curriculum vitae and in recommendation letters, and demonstrate leadership abilities during job interviews. Only one of the following may be counted: Pharmacy 261J (Topic: Health Leaders), 290W or Pharmacy PharmD 290W. Taught as Web-based course.
• 59760 FREI, C

PHM 291M INTRO AMBULATORY CARE PHAR-S A
Offered on the letter-grade basis only. Clinical and non-clinical topics relevant to treating commonly encountered disease states, effectively communicating with patients, andmanaging a clinical pharmacy practice in an ambulatory setting. Emphasis on application of concepts learned in previous classes to real-world situations. Prerequisite: Graduate standing; Pharmacy PharmD 282E, and 182F, and 182P. Taught in San Antonio, Texas. Partially taught as a Web-based course.
• 59765 TH 130 - 330P EVOY, K

INTRO AMBULATORY CARE PHAR-VAL
Offered on the letter-grade basis only. Clinical and non-clinical topics relevant to treating commonly encountered disease states, effectively communicating with patients, andmanaging a clinical pharmacy practice in an ambulatory setting. Emphasis on application of concepts learned in previous classes to real-world situations. Prerequisite: Graduate standing; Pharmacy PharmD 282E, and 182F, and 182P. Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.
• 59770 TH 130 - 330P EVOY, K

INTRO AMBULATORY CARE PHARM
Offered on the letter-grade basis only. Clinical and non-clinical topics relevant to treating commonly encountered disease states, effectively communicating with patients, andmanaging a clinical pharmacy practice in an ambulatory setting. Emphasis on application of concepts learned in previous classes to real-world situations. Prerequisite: Graduate standing; Pharmacy PharmD 282E, and 182F, and 182P. Partially taught as a Web-based course.
• 59775 TH 130 - 330P PHR 3.106 EVOY, K

PHM 191U FNDTN INTRPROF COLLAB PRAC I
Offered on the letter-grade basis only. Introduces and reinforces interprofessional education core competencies delivered through classroom-based interactive sessions, simulations, field-based immersive experiences, and experiential learning with students and members of other professions. Imparts the foundational knowledge and skills necessary for the delivery of quality and safe patient-centered and population-oriented care as a contributing member of a healthcare team. Restricted to students in the College of Pharmacy. meets with PHM 191U.
• 59780 TH 800 - 900 PHR 3.106 YOUNG, V
• 59785 TH 800 - 900 PHR 3.106 YOUNG, V
• 59790 TH 800 - 900 PHR 3.106 YOUNG, V
• 59795 TH 800 - 900 PHR 3.106 YOUNG, V
• 59800 TH 800 - 900 PHR 3.106 YOUNG, V
• 59805 TH 800 - 900 PHR 3.106 YOUNG, V
• 59810 TH 800 - 900 PHR 3.106 YOUNG, V
• 59815 TH 800 - 900 PHR 3.106 YOUNG, V
• 59820 TH 800 - 900 PHR 3.106 YOUNG, V
• 59825 TH 800 - 900 PHR 3.106 YOUNG, V
• 59830 TH 800 - 900 PHR 3.106 YOUNG, V
• 59835 TH 800 - 900 PHR 3.106 YOUNG, V
• 59840 TH 800 - 900 PHR 3.106 YOUNG, V
• 59845 TH 800 - 900 PHR 3.106 YOUNG, V
• 59850 TH 800 - 900 PHR 3.106 YOUNG, V
• 59855 TH 800 - 900 PHR 3.106 YOUNG, V
• 59860 TH 800 - 900 PHR 3.106 YOUNG, V
• 59865 TH 800 - 900 PHR 3.106 YOUNG, V
• 59870 TH 800 - 900 PHR 3.106 YOUNG, V
• 59875 TH 800 - 900 PHR 3.106 YOUNG, V
• 59880 TH 800 - 900 PHR 3.106 YOUNG, V
• 59885 TH 800 - 900 PHR 3.106 YOUNG, V
• 59890 TH 800 - 900 PHR 3.106 YOUNG, V
• 59895 TH 800 - 900 PHR 3.106 YOUNG, V
• 59900 TH 800 - 900 PHR 3.106 YOUNG, V
• 59905 TH 800 - 900 PHR 3.106 YOUNG, V
• 59910 TH 800 - 900 PHR 3.106 YOUNG, V
• 59915 TH 800 - 900 PHR 3.106 YOUNG, V
• 59920 TH 800 - 900 PHR 3.106 YOUNG, V
• 59925 TH 800 - 900 PHR 3.106 YOUNG, V
• 59930 TH 800 - 900 PHR 3.106 YOUNG, V
• 59935 TH 800 - 900 PHR 3.106 YOUNG, V
• 59940 TH 800 - 900 PHR 3.106 YOUNG, V
• 59945 TH 800 - 900 PHR 3.106 YOUNG, V
• 59950 TH 800 - 900 PHR 3.106 YOUNG, V
• 59955 TH 800 - 900 PHR 3.106 YOUNG, V

PHM 292G HERBAL/BOTANCL SUPPLMTS-WB
Hour(s) to be arranged. Offered on the letter-grade basis only. A practice-based approach to learning about the most common herbal and botanical supplements in a pharmacy practice setting, including review of studies of popular uses, clinical indications, pharmacological effects, mechanisms of action, side effects, contraindications, and common dosage guidelines. Discussion of the legal, regulatory, and ethical aspects, in addition to analyzing manufacturing quality issues and counterfeit products is also addressed. Only one of the following may be counted: Pharmacy 292G, 392G, Pharmacy PharmD 292G, 392G. Prerequisite: Pharmacy PharmD 282E (or Pharmacy

262D), 195Q (or Pharmacy163C), and 182F (or Pharmacy 172E). Taught as a Web-based course.

• 59960					POPE, N

PHM 392P PATIENT ASSESSMT SKILLS LAB

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Introduction to patient assessment techniques skills needed to provide pharmaceutical care. Pharmacy 392S and Pharmacy PharmD 392P may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy, and Pharmacy PharmD 480C (or Pharmacy 253C) and 480D (or Pharmacy 253D).

• 59965	W	800 - 1000	PHR 2.108	KARBOSKI, J
	M	100 - 400P	PHR 3.110	
• 59970	W	800 - 1000	PHR 2.108	KARBOSKI, J
	W	100 - 400P	PHR 3.110	
• 59975	W	800 - 1000	PHR 2.108	KARBOSKI, J
	T	200 - 500P	PHR 3.110	
• 59980	W	800 - 1000	PHR 2.108	KARBOSKI, J
	TH	200 - 500P	PHR 3.110	
• 59985	W	800 - 1000	PHR 2.108	KARBOSKI, J
	F	200 - 500P	PHR 3.110	

PHM 693C AMBULTRY CARE PHAR PRAC

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of ambulatory patient care. Pharmacy 693C and Pharmacy PharmD 693C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E).

• 59990
• 59995
• 60000
• 60005

AMBULTRY CARE PHAR PRAC-DAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of ambulatory patient care. Pharmacy 693C and Pharmacy PharmD 693C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Dallas, Texas.

• 60010
• 60015
• 60020

AMBULTRY CARE PHAR PRAC-E P

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of ambulatory patient care. Pharmacy 693C and Pharmacy PharmD 693C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in El Paso, Texas.

• 60025

AMBULTRY CARE PHAR PRAC-GAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of ambulatory patient care. Pharmacy 693C and Pharmacy PharmD 693C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Galveston, Texas.

• 60030

AMBULTRY CARE PHAR PRAC-S A

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of ambulatory patient care. Pharmacy 693C and Pharmacy PharmD 693C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in San Antonio, Texas.

• 60035
• 60040
• 60045

AMBULTRY CARE PHAR PRAC-VAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of ambulatory patient care. Pharmacy 693C and Pharmacy PharmD 693C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Rio Grande Valley, Texas.

• 60050

PHM 693E ELECTIVE IN PHARM PRAC I

Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 693E and Pharmacy PharmD 693E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E).

• 60055
• 60060
• 60065

ELECTIVE IN PHARM PRAC I-DAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 693E and Pharmacy PharmD 693E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Dallas, Texas.

• 60070
• 60075

ELECTIVE IN PHARM PRAC I-E P

Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 693E and Pharmacy PharmD 693E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in El Paso, Texas.

• 60080

ELECTIVE IN PHARM PRAC I-GAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 693E and Pharmacy PharmD 693E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Galveston, Texas.

• 60085
• 60090

ELECTIVE IN PHARM PRAC I-S A

Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 693E and Pharmacy PharmD 693E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in San Antonio, Texas.

• 60095
• 60100

ELECTIVE IN PHARM PRAC I-VAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 693E and Pharmacy PharmD 693E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E),

694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Rio Grande Valley, Texas.
• 60105

PHM 693N ADV HOSPITAL PHARM PRACT

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of institutional patient care. Pharmacy 693N and Pharmacy PharmD 693N may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E).
• 60110
• 60115

ADV HOSPITAL PHARM PRACT-DAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of institutional patient care. Pharmacy 693N and Pharmacy PharmD 693N may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Dallas, Texas.
• 60120
• 60125

ADV HOSPITAL PHARM PRACT-E P

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of institutional patient care. Pharmacy 693N and Pharmacy PharmD 693N may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in El Paso, Texas.
• 60130

ADV HOSPITAL PHARM PRACT-GAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of institutional patient care. Pharmacy 693N and Pharmacy PharmD 693N may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Galveston, Texas.
• 60135

ADV HOSPITAL PHARM PRACT-S A

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of institutional patient care. Pharmacy 693N and Pharmacy PharmD 693N may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in San Antonio, Texas.
• 60140
• 60145
• 60150

ADV HOSPITAL PHARM PRACT-VAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of institutional patient care. Pharmacy 693N and Pharmacy PharmD 693N may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Rio Grande Valley, Texas.
• 60155

PHM 693P ADV COMMUNITY PHARM PRACT

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of community-based patient care. Pharmacy 693P and Pharmacy PharmD 693P may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E).
• 60160
• 60165
• 60170

ADV COMMUNITY PHARM PRACT-DAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of community-based patient care. Pharmacy 693P and Pharmacy PharmD 693P may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Dallas, Texas.
• 60175

ADV COMMUNITY PHARM PRACT-E P

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of community-based patient care. Pharmacy 693P and Pharmacy PharmD 693P may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in El Paso, Texas.
• 60180

ADV COMMUNITY PHARM PRACT-GAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of community-based patient care. Pharmacy 693P and Pharmacy PharmD 693P may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Galveston, Texas.
• 60185
• 60190

ADV COMMUNITY PHARM PRACT-S A

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of community-based patient care. Pharmacy 693P and Pharmacy PharmD 693P may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in San Antonio, Texas.
• 60195
• 60200
• 60205

ADV COMMUNITY PHARM PRACT-VAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, synthesis of rational drug regimens, and dispensing of medications in the context of community-based patient care. Pharmacy 693P and Pharmacy PharmD 693P may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Rio Grande Valley, Texas.
• 60210

PHM 693R SUPLMNTL ROTATN PHM PRAC I

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of patient care. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy.
• 60215

April 3, 2021

PHM 693S SELECTIVE IN PHARM PRAC I

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in a selected pharmacy practice environment. Pharmacy 693S and Pharmacy PharmD 693S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E).

- 60220
- 60225

SELECTIVE IN PHARM PRAC I-DAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in a selected pharmacy practice environment. Pharmacy 693S and Pharmacy PharmD 693S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Dallas, Texas.

- 60230
- 60235

SELECTIVE IN PHARM PRAC I-E P

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in a selected pharmacy practice environment. Pharmacy 693S and Pharmacy PharmD 693S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in El Paso, Texas.

- 60240

SELECTIVE IN PHARM PRAC I-GAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in a selected pharmacy practice environment. Pharmacy 693S and Pharmacy PharmD 693S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Galveston, Texas.

- 60245
- 60250

SELECTIVE IN PHARM PRAC I-S A

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in a selected pharmacy practice environment. Pharmacy 693S and Pharmacy PharmD 693S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in San Antonio, Texas.

- 60255
- 60260
- 60265

SELECTIVE IN PHARM PRAC I-VAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in a selected pharmacy practice environment. Pharmacy 693S and Pharmacy PharmD 693S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 694C (or Pharmacy 694C), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Rio Grande Valley, Texas.

- 60270

PHM 694C INPAT GEN MED PHAR PRAC

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of acute patient care. Pharmacy 694C and Pharmacy PharmD 694C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E).

- 60275
- 60280
- 60285
- 60290
- 60295
- 60300

INPAT GEN MED PHAR PRAC-DAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of acute patient care. Pharmacy 694C and Pharmacy PharmD 694C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Dallas, Texas.

- 60305

INPAT GEN MED PHAR PRAC-E P

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of acute patient care. Pharmacy 694C and Pharmacy PharmD 694C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in El Paso, Texas.

- 60310

INPAT GEN MED PHAR PRAC-GAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of acute patient care. Pharmacy 694C and Pharmacy PharmD 694C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Galveston, Texas.

- 60315

INPAT GEN MED PHAR PRAC-S A

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of acute patient care. Pharmacy 694C and Pharmacy PharmD 694C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in San Antonio, Texas.

- 60320
- 60325

INPAT GEN MED PHAR PRAC-VAL

Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of acute patient care. Pharmacy 694C and Pharmacy PharmD 694C may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694E (or Pharmacy 694E), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Rio Grande Valley, Texas.

- 60330

PHM 694E ELECTIVE IN PHARM PRAC II

Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 694E and Pharmacy PharmD 694E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E).

- 60335
- 60340

ELECTIVE IN PHARM PRAC II-DAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 694E and Pharmacy PharmD 694E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Dallas, Texas.
• 60345

ELECTIVE IN PHARM PRAC II-E P
Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 694E and Pharmacy PharmD 694E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in El Paso, Texas.
• 60350

ELECTIVE IN PHARM PRAC II-GAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 694E and Pharmacy PharmD 694E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Galveston, Texas.
• 60355

ELECTIVE IN PHARM PRAC II-S A
Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 694E and Pharmacy PharmD 694E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in San Antonio, Texas.
• 60360
• 60365

ELECTIVE IN PHARM PRAC II-VAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 694E and Pharmacy PharmD 694E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C), 694S (or Pharmacy 694S), or 695E (or Pharmacy 695E). Taught in Rio Grande Valley, Texas.
• 60370

PHM 694R SUPLMNTL ROTATN PHM PRAC II
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in the context of patient care. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy.
• 60375

PHM 694S SELECTIVE IN PHARM PRAC II
Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in selected pharmacy practice environments. Pharmacy 694S and Pharmacy PharmD 694S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C) 694E (or Pharmacy 694E), or 695E(or Pharmacy 695E).
• 60380

SELECTIVE IN PHARM PRAC II-DAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in selected pharmacy practice environments. Pharmacy 694S and Pharmacy PharmD 694S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C) 694E (or Pharmacy 694E), or 695E(or Pharmacy 695E). Taught in Dallas, Texas.
• 60385

SELECTIVE IN PHARM PRAC II-E P
Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in selected pharmacy practice environments. Pharmacy 694S and Pharmacy PharmD 694S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C) 694E (or Pharmacy 694E), or 695E(or Pharmacy 695E). Taught in El Paso, Texas.
• 60390

SELECTIVE IN PHARM PRAC II-GAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in selected pharmacy practice environments. Pharmacy 694S and Pharmacy PharmD 694S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C) 694E (or Pharmacy 694E), or 695E(or Pharmacy 695E). Taught in Galveston, Texas.
• 60395

SELECTIVE IN PHARM PRAC II-S A
Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in selected pharmacy practice environments. Pharmacy 694S and Pharmacy PharmD 694S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C) 694E (or Pharmacy 694E), or 695E(or Pharmacy 695E). Taught in San Antonio, Texas.
• 60400

SELECTIVE IN PHARM PRAC II-VAL
Hour(s) to be arranged. Offered on the credit/no credit basis only. Analysis of pharmacotherapy, evaluation of drug use, and synthesis of rational drug regimens in selected pharmacy practice environments. Pharmacy 694S and Pharmacy PharmD 694S may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C) 694E (or Pharmacy 694E), or 695E(or Pharmacy 695E). Taught in Rio Grande Valley, Texas.
• 60405

PHM 695E ELECTIVE IN PHARM PRAC III
Hour(s) to be arranged. Offered on the credit/no credit basis only. Experience in pharmacy practice, research, or administration. Pharmacy 695E and Pharmacy PharmD 695E may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy and completion of all didactic and laboratory coursework prior to the fourth professional year in the College of Pharmacy; during the fall and spring semesters, concurrent enrollment in two of the following: Pharmacy PharmD 693C (or Pharmacy 693C), 693E (or Pharmacy 693E), 693N (or Pharmacy 693N), 693P (or Pharmacy 693P), 693S (or Pharmacy 693S), 694C (or Pharmacy 694C) 694E (or Pharmacy 694E) or 694S (or Pharmacy 694S).
• 60410

PHM 195P DRUG INFO/EVD BSD PRAC LAB
Offered on the letter-grade basis only. Practical application of the concepts presented in Pharmacy 195Q. Includes assignments, projects, and oral presentations. Pharmacy 163P and Pharmacy PharmD 195P may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 282E (or Pharmacy 262D), 195Q (or Pharmacy 163C), and 685D (or Pharmacy 665E).

• 60415	M	100 - 400P	PHR 2.208	YOUNG, V
• 60420	W	100 - 400P	PHR 2.208	YOUNG, V
• 60425	T	130 - 430P	PHR 2.208	YOUNG, V

DRUG INFO/EVD BSD PRAC LAB
Offered on the letter-grade basis only. Practical application of the concepts presented in Pharmacy 195Q. Includes assignments, projects, and oral presentations. Pharmacy 163P and Pharmacy PharmD 195P may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 282E (or Pharmacy 262D), 195Q (or Pharmacy 163C), and 685D (or Pharmacy 665E). Partially taught as a Web-based course.

• 60430	TH	130 - 430P	PHR 2.208	YOUNG, V

PHM 195Q DRUG INFO/EVIDENCE BSD PRAC
Offered on the letter-grade basis only. Knowledge and skills needed to retrieve and interpret drug information. Interpretation of biomedical literature and an introduction to

concepts of evidence-based practice. Pharmacy 163C and Pharmacy PharmD 195Q may not both be counted. Prerequisite: Pharmacy PharmD 287D (or Pharmacy 242D); or credit or registration for Pharmacy PharmD 282E (or Pharmacy 262D), 195P (or Pharmacy 163P), and 685D (or Pharmacy 665E). Partially taught as a Web-based course.

• 60435 W 1100 - 1200 PHR 2.108 YOUNG, V

LYNDON B. JOHNSON SCHOOL OF PUBLIC AFFAIRS

Public Affairs - P A

P A 325 INTRO PUB POL: RACE/IM/CITIZEN

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topic title: Introduction to public policy: Race, immigration, and citizenship.

• 60490 T 200 - 500P SRH 3.221 DORN, E

NEXT GENERATION SCHOLARS RSCH

Course number may be repeated for credit when the topics vary.

• 60495 F 900 - 1200 SRH 3.212 WEAVER, C

STRATEGY

Course number may be repeated for credit when the topics vary.

• 60500 TTH 930 - 1100 SRH 3.350

P A 150S CIVIC ENGAGEMENT/LEADERSHIP

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Topics in issues and decision-making that arise in the practice of public service. Prerequisite: Upper-division standing. Topic description: Explores civic engagement and leadership through community service, guest lectures, and team-based learning. Class meets September 4-December 4.

• 60503 T 600 - 900P SRH 3.124 ZUTZ, C

P A 159R 1-UT ENERGY SYMPOSIUM

Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Current issues in public policy. Only one of the following may be counted: Public Affairs 158S (Topic: UTEnergy Symposium), 159R (Topic: UT Energy Symposium), 159R (Topic 1), 159S (Topic: UT Energy Symposium). Additional prerequisite: Upper-division standing. meets with P A 188S.

• 60505 TH 515 - 615P POB 2.302 BEACH, F

P A 280L CYBER FDTNS: INTRO TO LAW/POL

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Various aspects of policy making, policy development, and communications at a variety of levels. Prerequisite: Graduate standing.

• 60510 W 345 - 545P TNH 2.140 CHESNEY, R

CYBERSCRTY: INTRO TECH/LAW/POL

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Various aspects of policy making, policy development, and communications at a variety of levels. Prerequisite: Graduate standing. meets with LAW 279M.

• 60515 M 345 - 545P TNH 3.124 TAIT, M

REENTRY: CRIMINAL JUSTICE

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Various aspects of policy making, policy development, and communications at a variety of levels. Prerequisite: Graduate standing. meets with LAW 279M.

• 60520 M 345 - 545P TNH 3.114 GAEBLER, H

P A 380L CYBER FDTNS: INTRO TO LAW/POL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Various aspects of policy making, policy development, and communications at a variety of levels. Prerequisite: Graduate standing. meets with LAW 379M.

• 60521 WTH 900 - 1030 TNH 3.126 CHESNEY, R

CYBERSECURITY TECH/LAW/PLCY

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Various aspects of policy making, policy development, and communications at a variety of levels. Prerequisite: Graduate standing. meets with LAW 379M.

• 60522 M 545 - 830P TNH 3.124 TAIT, M

HEALTH LAW AND POLICY

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Various aspects of policy making, policy development, and communications at a variety of levels. Prerequisite: Graduate standing. meets with LAW 379M.

• 60525 TTH 900 - 1030 TNH 2.137

P A 680PA TRAINING OUT OF POVERTY

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary policy problem involving interaction with sponsoring organizations. Prerequisite: For 680PA, graduate standing and consent of instructor; for 680PB, Public Affairs 680PA.

• 60530 T 200 - 500P SRH 3.316 EATON, D

SOCIAL POLICY IN LATIN AMERICA

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary policy problem involving interaction with sponsoring organizations. Prerequisite: For 680PA, graduate standing and consent of instructor; for 680PB, Public Affairs 680PA.

• 60535 T 200 - 500P SRH 3.220 RODRIGUEZ WARD, V

April 3, 2018

course unique days time room instructor

EVALUATING IMPACT OF PREK3
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary policy problem involving interaction with sponsoring organizations. Prerequisite: For 680PA, graduate standing and consent of instructor; for 680PB, Public Affairs 680PA.
• 60540 T 200 - 500P SRH 3.219 OSBORNE BLAHA, C

SUSTAINABILITY
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary policy problem involving interaction with sponsoring organizations. Prerequisite: For 680PA, graduate standing and consent of instructor; for 680PB, Public Affairs 680PA.
• 60545 TH 200 - 500P SRH 3.124
• 60550 TH 200 - 500P SRH 3.220
• 60555 TH 200 - 500P SRH 3.312

WORKERS COMP IN NEW ECONOMY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary policy problem involving interaction with sponsoring organizations. Prerequisite: For 680PA, graduate standing and consent of instructor; for 680PB, Public Affairs 680PA. Topic title: Congress and social media: Beyond Facebook and Twitter.
• 60560 T 200 - 500P SRH 3.312 LIND, M

P A 680WB APPRENTICESHP IN PUBLIC POL-DC
Hour(s) to be arranged. Offered on the letter-grade basis only. Prerequisite: For 680WA, graduate standing and consent of instructor; for 680WB, Public Affairs 680WA. Restricted to students in the Master of Global Policy Studies DC Program. Taught in Washington, D.C.
• 60565 O'DONNELL, T

APPRENTICESHP IN PUBLIC POL-DC
Hour(s) to be arranged. Offered on the letter-grade basis only. Prerequisite: For 680WA, graduate standing and consent of instructor; for 680WB, Public Affairs 680WA. Restricted to students in the Master of Public Affairs, Public Affairs DC program. Taught in Washington, D.C.
• 60570 O'DONNELL, T

P A 381E CRISIS & RISK MANAGEMENT
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Topics related to a leader's role in strategic and effective communications with governing boards, legislative bodies, the media, thepublic, and employees. Restricted to students in the Master of Public Affairs in Public Affairs-Option III program (Executive Master in Public Leadership) in the Lyndon B. Johnson School of Public Affairs. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the executive master's program in the Lyndon B. Johnson School of Public Affairs. Class meets August 25-December 8.
• 60575 S 730 - 1200 SRH 3.219 BROCKETT, P

NEGOTATION & DISPUTE RESOLUTN
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Topics related to a leader's role in strategic and effective communications with governing boards, legislative bodies, the media, thepublic, and employees. Restricted to students in the Master of Public Affairs in Public Affairs-Option III program (Executive Master in Public Leadership) in the Lyndon B. Johnson School of Public Affairs. Prerequisite: Graduate standing and consent of instructor. Class meets August 25-December 8.
• 60580 S 1230 - 500P SRH 3.219 EATON, D

UNDERSTANDING/SHAPING OPINION
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Topics related to a leader's role in strategic and effective communications with governing boards, legislative bodies, the media, thepublic, and employees. Restricted to students in the Master of Public Affairs in Public Affairs-Option III program (Executive Master in Public Leadership) in the Lyndon B. Johnson School of Public Affairs. Prerequisite: Graduate standing and consent of instructor. Class meets August 24-December 7.
• 60585 F 400 - 830P SRH 3.219 HARDESTY, S

P A 381W HOW WASHINGTON WORKS-D C
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of graduate adviser. Restricted to students in the Master of Global Policy Studies DC Program. Taught in Washington, D.C.
• 60590 T 600 - 900P SHUTE, W

HOW WASHINGTON WORKS-D C
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of graduate adviser. Restricted to students in the Master of Public Affairs, Public Affairs DC program. Taught in Washington, D.C.
• 60595 T 600 - 900P SHUTE, W

SVY CONTEMPORARY POLICY ISS-DC
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of graduate adviser. Restricted to students in the Master of Global Policy Studies DC Program. Taught in Washington, D.C.
• 60600 TH 600 - 900P

SVY CONTEMPORARY POLICY ISS-DC
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of graduate adviser. Restricted to students in the Master of Public Affairs, Public Affairs DC program. Taught in Washington, D.C.
• 60605 TH 600 - 900P

course unique days time room instructor

P A 682GA ASEAN PARL RESEARCHER PROJECT
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary global policy problem involving interaction with sponsoring organizations. Prerequisite: For 682GA, graduate standing and consent of instructor; for 682GB, Public Affairs 682GA.
• 60610 T 200 - 500P SRH 3.B7 MORRISON, J

HUNGER AND DEVELOPMENT
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary global policy problem involving interaction with sponsoring organizations. Prerequisite: For 682GA, graduate standing and consent of instructor; for 682GB, Public Affairs 682GA.
• 60615 T 200 - 500P SRH 3.314 WEAVER, C

ENTREPRENEURSHIP IN ASIA
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary global policy problem involving interaction with sponsoring organizations. Prerequisite: For 682GA, graduate standing and consent of instructor; for 682GB, Public Affairs 682GA.
• 60620 M 600 - 900P SRH 3.316 EATON, D

PUBLIC DIPLOMACY
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary global policy problem involving interaction with sponsoring organizations. Prerequisite: For 682GA, graduate standing and consent of instructor; for 682GB, Public Affairs 682GA.
• 60625 TH 200 - 500P SRH 3.214

BEYOND THE BORDER: MIGRATION
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary research on a contemporary global policy problem involving interaction with sponsoring organizations. Prerequisite: For 682GA, graduate standing and consent of instructor; for 682GB, Public Affairs 682GA.
• 60630 TH 200 - 500P SRH 3.316 LEUTERT, S

P A 383C GENDER, HEALTH, AND SOCIETY
Course number may be repeated for credit when the topics vary. Introduction to how public policy is developed and adopted in government systems. Covers the role of politics and institutions in implementing and managing policy. Normally taken during the first year. Prerequisite: Graduate standing. meets with S W 395K.
• 60635 M 900 - 1200 SRH 3.314 ANGEL, J

LEG DEV: IDEAS/OPTN/LEGSLTN
Course number may be repeated for credit when the topics vary. Introduction to how public policy is developed and adopted in government systems. Covers the role of politics and institutions in implementing and managing policy. Normally taken during the first year. Prerequisite: Graduate standing.
• 60640 W 900 - 1200 SRH 3.212 WASEM, R

PERSPECTIVES ON PUBLIC POLICY
Course number may be repeated for credit when the topics vary. Introduction to how public policy is developed and adopted in government systems. Covers the role of politics and institutions in implementing and managing policy. Normally taken during the first year. Prerequisite: Graduate standing. meets with MAN 385 (TOPIC 61), LAW 371R.
• 60645 F 900 - 1200 SRH 3.122 INMAN, B

SHAPING DEFENSE POLICY
Course number may be repeated for credit when the topics vary. Introduction to how public policy is developed and adopted in government systems. Covers the role of politics and institutions in implementing and managing policy. Normally taken during the first year. Prerequisite: Graduate standing. meets with LAW 371V.
• 60650 W 200 - 500P SRH 3.219 DORN, E

US IMMIGRATN/CITIZNSHP POL
Course number may be repeated for credit when the topics vary. Introduction to how public policy is developed and adopted in government systems. Covers the role of politics and institutions in implementing and managing policy. Normally taken during the first year. Prerequisite: Graduate standing.
• 60655 T 900 - 1200 SRH 3.221 WASEM, R

YOUTH JUSTICE/POLICY DEVELPMNT
Course number may be repeated for credit when the topics vary. Introduction to how public policy is developed and adopted in government systems. Covers the role of politics and institutions in implementing and managing policy. Normally taken during the first year. Prerequisite: Graduate standing. meets with LAW 371V.
• 60660 W 200 - 500P SRH 3.314 DEITCH, M

P A 384C PUBLIC MANAGEMENT
Covers the development and implementation of policy within an organizational environment, including the role of political and institutional factors, organization and management concepts, and human information resource issues. Normally taken during the first year. Prerequisite: Graduate standing.
• 60665 M 900 - 1200 SRH 3.350 SPELMAN, W
• 60670 F 900 - 1200 SRH 3.350

PUBLIC MANAGEMENT
Designed to accommodate 35 or fewer students. Covers the development and implementation of policy within an organizational environment, including the role of political

and institutional factors, organization and management concepts, and human information resource issues. Normally taken during the first year. Prerequisite: Graduate standing.
• 60675 W 600 - 900P SRH 3.219 ABNER, G

PUBLIC MANAGEMENT
Covers the development and implementation of policy within an organizational environment, including the role of political and institutional factors, organization and management concepts, and human information resource issues. Normally taken during the first year. Prerequisite: Graduate standing.
• 60680 F 200 - 500P SRH 3.B7

P A 387G NATURE OF THE INTERNATL SYSTEM
Introduces systematic analysis of global policy, factors that motivate foreign policies and private decisions, and instruments used in the conduct of international relations. Prerequisite: Graduate standing.
• 60685 M 200 - 500P SRH 3.221 REDEI, L
• 60690 M 200 - 500P SRH 3.355 BUSBY, J
• 60695 M 200 - 500P SRH 3.360 INBODEN, W

P A 387K STRATEGIC CORP SOCIAL RESP
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Issues in political values and ethics and in natural resources, transportation, health, environmental, international, regulatory, urban,and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with BGS 380D.
• 60700 TTH 330 - 500P RRH 5.408 RICHTER, B

P A 188G POLITICAL DIPLOMACY
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60705

P A 388K BLACK POWER MOVEMENT
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with HIS 389.
• 60710 TH 930 - 1230P GAR 1.122 JOSEPH, P

CHINA AND THE WORLD
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with ANS 391.
• 60715 W 900 - 1200 SRH 3.312 EISENMAN, J

CO-CREATION, ADVOCACY & FNANCE
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60720 W 900 - 1200 SRH 3.350 GREENBERG, S

DEEP DIVE:EXPLORING ISSUE ECOS
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60725 F 900 - 1200 SRH 3.B7 MORRISON, J

ENERGY LAW: REG ENERGY PROD
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with LEB 380 (TOPIC 38), LAW 363U, EER 396 (TOPIC 3).
• 60730 MT 215 - 330P TNH 3.142 SPENCE, D

ENVIRON CHANGE/DEVL/SECURITY
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60735 T 900 - 1200 SRH 3.219 BUSBY, J

FAMILY POLICY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with P A 388K.
• 60740 M 200 - 500P SRH 3.316 OSBORNE BLAHA, C

INTELLIGENCE/NATL SECURITY
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60745 W 200 - 500P SRH 3.312 POPE, J

INTERNATIONAL DEVELOPMENT
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60750 F 900 - 1200 SRH 3.314 LENTZ, E

LEADERSHIP
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60755
• 60760 M 900 - 1200 SRH 3.216

INTERNET/INFORMATION POLICY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with MIS 383N, INF 390N, RTF 393N.
• 60765 M 900 - 1200 SRH 3.221 NEWELL, A

MARKETS FOR ELECTRICITY
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with ECO 395K.
• 60770 M 515 - 815P BRB 1.120 ZARNIKAU, J

MONEY IN US POLITICS
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with GOV 381L (TOPIC 3).
• 60775 M 930 - 1230P BAT 1.104 ROBERTS, B

NONGOV ORGS IN DEVEL WORLDS
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with SOC 396L (TOPIC 15), LAS 381, S W 395K.
• 60780 M 300 - 600P CLA 3.106 ANGEL, R

ECONOMIC EFFICIENCY ANALYSIS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with LAW 353L.
• 60785 MTW 215 - 315P JON 6.202 MARKOVITS, R

POL VALUES AND ETHICS
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60790 F 900 - 1200 SRH 3.312
• 60795 T 600 - 900P SRH 3.220

EUROPEAN IMPERIALISM: BRIT EMP
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. Topic Description: This course will explore the causes of British expansion in the nineteenth century and the reactions to British conquest and rule. meets with HIS 380L.
• 60800 TH 500 - 800P GAR 2.124 LOUIS, W

POVERTY & EDUCATION POLICY
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources

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policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with ELP 384V.
• 60805 M 100 - 400P SZB 376 HOLME, J

SMART CITIES
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60810 TH 900 - 1200 SRH 3.219 GREENBERG, S

SMNR: HUMAN RIGHTS/INEQUALITY
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with LAW 397S.
• 60815 M 400 - 600P TNH 3.127 BRINKS, D

STATISTICAL REASONING
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60820 F 900 - 1200 SRH 3.220 STOLP, C

STORYTELLING FOR POLICY WONKS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with RTF 384C.
• 60825 TH 200 - 500P SRH 3.314 STEKLER, P

STRAT/DECISN-MAKG IN GLOB POL
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with HIS 381, REE 387.
• 60830 T 900 - 1200 SRH 3.122 SURI, J

U.S.-CHINA RELATIONS
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60835 M 900 - 1200 SRH 3.312 EISENMAN, J

US IMMIGRATION
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with MAS 392.
• 60840 W 600 - 900P SRH 3.312 DEFRANCESCO, V

WRITING FOR GLOBAL POLICY STDS
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60845 T 900 - 1200 SRH 3.312 PATEL, R
• 60850 W 900 - 1200 SRH 3.216 REDEI, L

WRITING FOR POLICY
Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing.
• 60855 TH 900 - 1200 SRH 3.312 LIND, M
• 60860 T 600 - 900P SRH 3.314

PSYCH FOR POLICY ANALYSIS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Typical topics include issues in political values and ethics and in natural resources, transportation, health, environmental, international,regulatory, urban, and labor and human resources policy. Public Affairs 387K and 388K may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with P A 388K.
• 60865 M 200 - 500P SRH 3.316 DEFRANCESCO, V

P A 388L FINANCE FOR SOCIAL INNOVATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with S W 395K.
• 60870 W 200 - 500P SRH 3.124 KOTHARE, M

FINANCING STATE AND LOCAL GOVT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60875 W 200 - 500P SRH 3.122 LUBY, M

LEADERSHIP LAB
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60880 W 900 - 1200 SRH 3.314 GARDEN, C

LEADERSHIP LAB
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60885 TH 900 - 1200 SRH 3.355 GARDEN, C

MANAGNG OVERSEAS OPERATIONS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60890 TH 900 - 1200 SRH 3.214 ENGLE, G

NEGOTIATION AND MEDIATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60895 M 600 - 900P SRH 3.316 EATON, D

NONPROFIT MGMT AND STRATEGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with T D 387D.
• 60900 T 900 - 1200 SRH 3.355 OSTROWER, F

PHLNTHRPY: HIST/CONTEMP APPRCH
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60905 TH 900 - 1200 SRH 3.316

PRINS/PRACS EFFECTV LEADERSHIP
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60910 W 200 - 500P SRH 3.221 PRINCE, H

P A 188S PROFESSIONAL PREP & DEVELOPMNT
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Restricted to students in the Master of Public Affairs, Public Affairs DC Program or Master of Global Policy Studies DC program.
• 60915 TH 1200 - 200P SRH 3.212

PUBLIC POLICY LECTURE SERIES
Hour(s) to be arranged. Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60920 STOLP, C

UT ENERGY SYMPOSIUM
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with P A 159R (TOPIC 1).
• 60925 TH 515 - 615P POB 2.302 BEACH, F

P A 188W EXEMPLARS IN POLICYMAKING
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60930 O'DONNELL, T
• 60935 O'DONNELL, T

P A 389 CONF COURSE IN POLICY ANALYSIS
Hour(s) to be arranged. May be repeated for credit. Individual instruction related to selected aspects of professional theory and practice. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 60940

P A 189C INDEP STUDY PUBLIC POLICY
Hour(s) to be arranged. May be repeated for credit. Individual instruction related to selected aspects of professional theory and practice. Prerequisite: Graduate standing, consent of instructor and the graduate adviser.
• 60945

P A 390D DISSERTATION PROPOSAL PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Development and preparation of the dissertation proposal. Prerequisite: Graduate standing, completion of all coursework, and consent of instructor.
• 60950

P A 690D DISSERTATION PROPOSAL PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Development and preparation of the dissertation proposal. Prerequisite: Graduate standing, completion of all coursework, and consent of instructor.
• 60955

P A 990D DISSERTATION PROPOSAL PREP
Hour(s) to be arranged. Offered on the credit/no credit basis only. Development and preparation of the dissertation proposal. Prerequisite: Graduate standing, completion of all coursework, and consent of instructor.
• 60960

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course	unique	days	time	room	instructor

P A 390E RESEARCH DESIGN
Designed to provide a structured framework in which students can develop and apply methods training and produce a research paper. Prerequisite: Graduate standing and consent of the graduate adviser.

• 60965	T	900 - 1200	SRH 3.220	VON HIPPEL, P

P A 391 PUBLIC FINANCIAL MANAGEMENT
The budget process, budgetary methods, governmental accounting analysis of financial statements, government revenues, debt management, and otherfinancial management techniques for public and nonprofit programs. Prerequisite: Graduate standing.

• 60970	TH	600 - 900P	SRH 3.122	LUBY, M

P A 392C THRY & PHILOS OF PUBLIC POL I
Explores the theoretical foundations of public policy. Includes political philosophy concepts and various theoretical approaches to the policy-making process. Prerequisite: Graduate standing and consent of the graduate adviser.

• 60975	TH	900 - 1200	SRH 3.220	RODRIGUEZ WARD, V

P A 393G MICROECONOMICS
Principles of markets and market failures relevant to global policy studies. Prerequisite: Graduate standing.

• 60980	T	200 - 500P	SRH 3.122	OLMSTEAD, S
• 60985	T	200 - 500P	SRH 3.124	

P A 393K APPLD MICROECO FOR POLICY ANLY
The use of economic reasoning in the development and implementation of public policy. Prerequisite: Graduate standing.

• 60990	F	900 - 1200	SRH 3.124	
• 60995	W	200 - 500P	SRH 3.B7	OLMSTEAD, S

APPLD MICROECO FOR POLICY ANLY
Designed to accommodate 35 or fewer students. The use of economic reasoning in the development and implementation of public policy. Prerequisite: Graduate standing.

• 60999	M	200 - 500P	SRH 3.124	SPELMAN, W

P A 393L ECONS OF US ANTIPOVERTY POLICY
Course number may be repeated for credit when the topics vary. Advanced topics in the application of economic reasoning to the development and implementation of policy. Prerequisite: Graduate standing and Public Affairs 393K. Topic title: Economics of urban and regional policy.

• 61000	TH	900 - 1200	SRH 3.212	WONG, P

VALUE, GROWTH, & DEVELOPMENT
Course number may be repeated for credit when the topics vary. Advanced topics in the application of economic reasoning to the development and implementation of policy. Prerequisite: Graduate standing and Public Affairs 393K.

• 61005	M	900 - 1200	SRH 3.214	
• 61010	T	900 - 1200	SRH 3.214	
• 61015	TH	200 - 500P	SRH 3.B7	
• 61020	T	600 - 900P	SRH 3.122	

P A 095 PUBLIC AFFAIRS COLLOQUIUM
Guest lectures on topics to be announced. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 61025	TH	1215 - 130P	SRH 3.122	RAI, V

P A 195C SUPERVISED POLICY RESEARCH
Hour(s) to be arranged. Supervised, individual policy research experience on a topic chosen by the supervising faculty member. Prerequisite: Graduate standing in public affairs and approval of the research proposal by the supervising faculty member and the graduate adviser.
• 61030

P A 196C SUPERVISED PUBLIC SERVICE
Hour(s) to be arranged. Supervised, individual practical public service experience in an area chosen by the supervising faculty member. May not be counted toward the Master of Public Affairs degree. Prerequisite: Graduate standing in public affairs and approval of proposal by the supervising faculty member and the graduate adviser.
• 61035

P A 396G INTERNSHIP IN GLOBAL POL STDS
Hour(s) to be arranged. Supervised participation in and observation of international issues as a working member of the staff in an agency of government, a nonprofit organization, or a public policy-related unit in the private sector. Prerequisite: Graduate standing, completion of one year in the Lyndon B. Johnson School of Public Affairs, and consent of the associate dean.
• 61040

P A 396K INTERNSHIP IN PUBLIC POLICY
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised participation and observation as a working member of the staff in an agency of government, a nonprofit organization, or a public policy-related unit in the private sector. Prerequisite: Completion of one year in the Lyndon B. Johnson School of Public Affairs and consent of the associate dean.
• 61045

P A 397 INTRO EMPIRCL METH POLICY ANLY
Survey of the application of a broad range of quantitative models to policy analysis and managerial decision-making: optimization techniques based on calculus and linear programming, probability theory and decision analysis, sampling theory and hypothesis testing, regression analysis, and forecasting. Prerequisite: Graduate standing; and either one semester each of college algebra, calculus, and statistics or a passing score on the validation exam offered before the beginning of the semester.

• 61050	M	900 - 1200	SRH 3.124	WONG, P
• 61055	T	900 - 1200	SRH 3.B7	OLMSTEAD, T
• 61060	W	900 - 1200	SRH 3.124	STOLP, C
• 61065	TH	900 - 1200	SRH 3.B7	OLMSTEAD, T

P A 397C EVAL METHODS GLOBAL DEVEL
Course number may be repeated for credit when the topics vary. Research methods, specialized empirical techniques, and data analysis as used in policy analysis and management. Prerequisite: Graduate standing and Public Affairs 397.

• 61070	M	900 - 1200	SRH 3.122	WEAVER, C

EVALUATION DESIGN
Course number may be repeated for credit when the topics vary. Research methods, specialized empirical techniques, and data analysis as used in policy analysis and management. Prerequisite: Graduate standing and Public Affairs 397.

• 61075	TH	900 - 1200	SRH 3.124	VON HIPPEL, P

MIXED METHS FOR POLY ANALYSIS
Course number may be repeated for credit when the topics vary. Research methods, specialized empirical techniques, and data analysis as used in policy analysis and management. Prerequisite: Graduate standing and Public Affairs 397.

• 61080	M	200 - 500P	SRH 3.122	AIKEN, A

QUALITATIVE METHS FOR SOCL SCI
Course number may be repeated for credit when the topics vary. Research methods, specialized empirical techniques, and data analysis as used in policy analysis and management. Prerequisite: Graduate standing and Public Affairs 397. meets with LAS 381, SOC 387L.

• 61085	T	900 - 1200	SRH 3.124	WARD, P

P A 397G ANLY METHS FOR GLOBAL POL STDS
Descriptive statistics, inference, multivariate regression, qualitative methods, and case study methods applicable to global policy research. Prerequisite: Graduate standing, and an undergraduate statistics course or a passing score on the validation exam.

• 61090	M	900 - 1200	SRH 3.B7	LENTZ, E
• 61095	TH	200 - 500P	SRH 3.122	

P A 098J JOINT PROGRAMS PARTNER INST
Hour(s) to be arranged. Certification course for students enrolled in Lyndon B. Johnson School of Public Affairs interdisciplinary joint degree programs. Prerequisite: Graduate standing.
• 61100

P A 398R PROFESSIONAL REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in public affairs and consent of the graduate adviser.
• 61105

P A 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser in public affairs.
• 61110

P A 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser in public affairs.
• 61115

P A 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consent of the graduate adviser in public affairs.
• 61120

P A 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Public Affairs 399R, 699R, or 999R.
• 61125

P A 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Public Affairs 399R, 699R, or 999R.
• 61130

P A 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Public Affairs 399R, 699R, or 999R.
• 61135

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STEVE HICKS SCHOOL OF SOCIAL WORK

Public Safety - PSF
Social Work - S W

PSF 311 S W AND PUBLIC SAFETY
Offered on the letter-grade basis only. Focuses on the intersection between social work, public safety, law, andhuman services. Restricted to social work majors and pre-majors.
• 61190 MW 930 - 1100 SSW 1.212 BECK, N

S W 310 INTRO TO SOCL WORK & SOCL WELF
Designed to accommodate 35 or fewer students. Introduction to the profession of social work and its roles in the social welfare system, with emphasis on social problems, society's historical response, and contemporary proposed solutions.
• 61245 TTH 930 - 1100 SSW 1.214
• 61250 M 930 - 1230P SSW 2.122 FONG, R
• 61255 TTH 1100 - 1230P SSW 1.214 RHODES, D

S W 312 GEN S W PRAC: KNOWL/VAL/SKILLS
Additional hour(s) to be arranged. Introduction to generalist social work practice, with emphasis on the knowledge, values, and skills used in intervention. Restricted to social work pre-majors. Prerequisite: Credit or registration for Social Work 310.
• 61260 MW 930 - 1100 SSW 1.214 MAGANA, S
• 61265 TTH 1230 - 200P SSW 1.214

S W 313 SOCIAL WORK RESEARCH METHODS
Introduction to the logic, design, and use of research, with emphasis onresearch designs appropriate to social work. Prerequisite: Credit or registration for Social Work 318 or the equivalent.
• 61270 MW 1100 - 1230P SSW 1.214 WHITT, A

SOCIAL WORK RESEARCH METHODS
Designed to accommodate 35 or fewer students. Introduction to the logic, design, and use of research, with emphasis onresearch designs appropriate to social work. Prerequisite: Credit or registration for Social Work 318 or the equivalent.
• 61275 TTH 200 - 330P SSW 1.214 VILA, A

S W 318 SOCIAL WORK STATISTICS
Introduction to statistics commonly used in social work research, including the critical analysis of the findings and inferential processes of existing research studies. Prerequisite: Completion of the Area C mathematics requirement for the Bachelor of Social Work.
• 61280 MW 230 - 400P SSW 1.212

S W 323K SOCIAL WELF PROG, POL, AND ISS
Designed to accommodate 35 or fewer students. Study of structure and function of service delivery systems, policy analysis, and effects and influences of policy on practice and planning decisions. Restricted to social work majors. Prerequisite: Government 310L, 312L, History 315K, 315L, and three semester hours of coursework in Economics are recommended.
• 61285 MW 930 - 1100 SSW 2.122 OH, S
• 61290 TTH 1230 - 200P SSW 2.112 SULLIVAN, J

S W 325 FOUNDATIONS OF SOCIAL JUSTICE
History and demographics of culturally diverse groups in the United States, including family and community diversity. Emphasis on principlesof knowledge acquisition about cultural diversity and ethnic-sensitive social work practice. Prerequisite: Social Work 310. meets with URB 354.
• 61295 MW 1100 - 1230P SSW 2.130 ROUNTREE, M

FOUNDATIONS OF SOCIAL JUSTICE
History and demographics of culturally diverse groups in the United States, including family and community diversity. Emphasis on principlesof knowledge acquisition about cultural diversity and ethnic-sensitive social work practice. Prerequisite: Social Work 310. meets with WGS 340.
• 61300 MW 930 - 1100 SSW 2.118 ROUNTREE, M

FOUNDATIONS OF SOCIAL JUSTICE
Hour(s) to be arranged. History and demographics of culturally diverse groups in the United States, including family and community diversity. Emphasis on principlesof knowledge acquisition about cultural diversity and ethnic-sensitive social work practice. Prerequisite: Social Work 310. Partially taught as a Web-based course.
• 61305

S W 327 HUMAN BEHAV & SOCIAL ENVIR
Laboratory hour(s) to be arranged. Designed to accommodate 35 or fewer students. Survey of selected theories of human behavior, including a systems/ecological perspective, ego psychology, and social learning theory, with emphasis on the life cycle from adolescence through adulthood. Only one of the following may be counted: Social Work 327, Urban Studies 354 (Topic: Human Behavior and Social Environment), 354 (Topic 10). Prerequisite: For social work majors, admission to the major in social work; for others, upper-division standing. same as URB 354 (TOPIC 10).
• 61310 TTH 930 - 1100 SSW 2.112 RHODES, D
• 61315 MW 1100 - 1230P SSW 2.118 O'GARA, J

S W 332 SOCL WORK PRAC WITH INDIV/FAMS
Laboratory hour(s) to be arranged. Theory and knowledge of effecting change in individuals and families, with emphasis on analytical and interactional processes and skills. Restricted to social work majors. Prerequisite: Social Work 325 and 327 with a grade of at least C in each.
• 61320 TTH 1100 - 1230P SSW 2.112 DE LUCA, S
• 61325 MW 400 - 530P SSW 2.122 DE LUCA, S

S W 333 SOCL WORK PRACTICE WITH GROUPS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Theory and knowledge of group dynamics, group development, and effectivegroup work skills. Restricted to social work majors. Prerequisite: Social Work 325 and 327 with a grade of at least C in each.
• 61330 TTH 930 - 1100 SSW 2.116
• 61335 MW 230 - 400P SSW 2.122 CURRIN-MCCULLOCH

S W 334 SOCL WORK PRAC IN ORG AND COMM
Laboratory hour(s) to be arranged. Theory and knowledge of effecting change in organizations and communities, with an emphasis on analytical and interactional processes and skills. Restricted to social work majors.
• 61340 MW 230 - 400P SSW 2.118 RHODES, D

SOCL WORK PRAC IN ORG AND COMM
Laboratory hour(s) to be arranged. Designed to accommodate 35 or fewer students. Theory and knowledge of effecting change in organizations and communities, with an emphasis on analytical and interactional processes and skills. Restricted to social work majors. meets with URB 354.
• 61345 TTH 1230 - 200P SSW 2.118 BEVERLY, H

S W 640 SOCIAL WORK PRACTICUM I
Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Field practicum providing supervised experience in which students apply knowledge and develop skills of social work practice. Educational supervision by faculty and by social workers in community agencies. Prerequisite: Admission to the field sequence and concurrent enrollment in Social Work 641 and 444.
• 61350

S W 641 SOCL WORK PRACTICUM II
Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. Knowledge and skill in social work, building on objectives emphasized inSocial Work 640. Educational supervision by faculty and by social workers in community agencies. Prerequisite: Admission to the field sequence and concurrent enrollment in Social Work 640 and 444.
• 61355

S W 444 INTEGRATIVE SEMINAR
Integration of theory and practice on the basis of field practicum experiences. Prerequisite: Completion of all requirements for the Bachelor of Social Work degree except Social Work 640 and 641, and concurrent enrollment inSocial Work 640 and 641.
• 61360 T 300 - 700P SSW 2.116
• 61365 T 530 - 930P SSW 2.112 MULVANEY, M

S W 350 SPEC TPCS IN GENERALIST SOC WK
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Upper-division standing.
• 61370

S W 360K ADV SOCIAL/ECONOMIC JUSTICE
Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Prerequisite: Varies with the topic.
• 61375 TH 1130 - 230P SSW 1.212 AMBROSINO, R

AGING AND DISABILITY-WB
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Prerequisite: Varies with the topic. Taught as a Web-based course. meets with S W 387R (TOPIC 13).
• 61380 AHONLE, Z

CONFRONTING LGBTQ OPPRESSION
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Prerequisite: Varies with the topic. meets with WGS 335 (TOPIC 1), T D 357T (TOPIC 4).
• 61385 W 300 - 600P CMA 5.190

DEATH/DYNG/PRACTNER RESILNCE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Prerequisite: Varies with the topic.
• 61387 W 530 - 830P SSW 2.132

INTRO TO SPORT
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Prerequisite: Varies with the topic. meets with S W 395K.
• 61388 W 530 - 830P SSW 1.214 GILL, E

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course	unique	days	time	room	instructor

NARRATIVES OF CARE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Prerequisite: Varies with the topic.
• 61389 TTH 1230 - 200P SSW 2.122 SPARKS, D

PARENT INTERVENTIONS
Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Prerequisite: Varies with the topic. meets with S W 387R (TOPIC 39).
• 61390 M 230 - 530P SSW 2.112 CALZADA, E

3-TREATMT SUBST USE DISORDERS
Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Prerequisite: Varies with the topic.
• 61395 M 530 - 830P SSW 1.212 JONES-SWANN, L

4-S W PRAC ABUS/NEG CHILD/FAM
Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Social Work 360K (Topic: Social Work Practice with Abused and Neglected Children and Their Families) and 360K, 460K (Topic 4) may not both be counted. Prerequisite: Varies with the topic. meets with S W 393U (TOPIC 1).
• 61400 W 530 - 830P SSW 2.116 CONERLY, L

9-LOSS AND GRIEF
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Designed to enable each student to undertake intensive study of selectedaspects of social work practice. Social Work 360K (Topic: Loss and Grief: Individual, Family, and Cultural Perspectives) and 360K, 460K (Topic 9) may not both be counted. Prerequisite: Varies with the topic.
• 61405 T 230 - 530P SSW 2.130

S W 679HA HONORS TUTORIAL COURSE
Hour(s) to be arranged. Individual conference course in social work research and writing. Prerequisite: Upper-division standing and admission to the Social Work Honors Program.
• 61410

S W 381R HUMAN BEHAV & THE SOCIAL ENVIR
Restricted enrollment; contact the department for permission to register for this class. Focuses on empirically based theories and conceptual approaches that form the foundation for social work practice and research with individuals and families in social systems. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61415 M 830 - 1130 SSW 2.112

HUMAN BEHAV & THE SOCIAL ENVIR
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Focuses on empirically based theories and conceptual approaches that form the foundation for social work practice and research with individuals and families in social systems. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61420 T 1130 - 230P SSW 1.212 AMBROSINO, R

HUMAN BEHAV & THE SOCIAL ENVIR
Restricted enrollment; contact the department for permission to register for this class. Focuses on empirically based theories and conceptual approaches that form the foundation for social work practice and research with individuals and families in social systems. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61425 W 530 - 830P SSW 2.112
• 61430 TH 530 - 830P SSW 2.130

S W 381S FOUNDATIONS OF SOCIAL JUSTICE
Restricted enrollment; contact the department for permission to register for this class. History, demographics, and cultures of various populations at risk with an emphasis on self-awareness and understanding the impact of discrimination and oppression by individuals and society on people of diverse backgrounds, abilities, and orientations. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61435 F 830 - 1130 SSW 2.112 SUDOLSKY, M

FOUNDATIONS OF SOCIAL JUSTICE
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. History, demographics, and cultures of various populations at risk with an emphasis on self-awareness and understanding the impact of discrimination and oppression by individuals and society on people of diverse backgrounds, abilities, and orientations. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61440 F 830 - 1130 SSW 2.116 MCCAFFERTY, S

FOUNDATIONS OF SOCIAL JUSTICE
Restricted enrollment; contact the department for permission to register for this class. History, demographics, and cultures of various populations at risk with an emphasis on self-awareness and understanding the impact of discrimination and oppression by individuals and society on people of diverse backgrounds, abilities, and orientations. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61445 F 830 - 1130 SSW 2.122
• 61450 T 530 - 830P SSW 2.132 MCCAFFERTY, S

S W 381T DYNAMS OF ORGS AND COMMUNITIES
Restricted enrollment; contact the department for permission to register for this class. The organizational and community context within which social services are delivered and the influence of funding, mandate, and organizational arrangements on service delivery, with attention given to populations at risk. Prerequisite: Graduate standing in social work, or graduate standing andconsent of instructor or the graduate adviser.
• 61455 T 230 - 530P SSW 2.112 STREETER, C

DYNAMS OF ORGS AND COMMUNITIES
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. The organizational and community context within which social services are delivered and the influence of funding, mandate, and organizational arrangements on service delivery, with attention given to populations at risk. Prerequisite: Graduate standing in social work, or graduate standing andconsent of instructor or the graduate adviser.
• 61460 W 230 - 530P SSW 2.116 AMBROSINO, R

DYNAMS OF ORGS AND COMMUNITIES
Restricted enrollment; contact the department for permission to register for this class. The organizational and community context within which social services are delivered and the influence of funding, mandate, and organizational arrangements on service delivery, with attention given to populations at risk. Prerequisite: Graduate standing in social work, or graduate standing andconsent of instructor or the graduate adviser.
• 61465 TH 230 - 530P SSW 2.116 STREETER, C

DYNAMS OF ORGS AND COMMUNITIES
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. The organizational and community context within which social services are delivered and the influence of funding, mandate, and organizational arrangements on service delivery, with attention given to populations at risk. Prerequisite: Graduate standing in social work, or graduate standing andconsent of instructor or the graduate adviser.
• 61470 M 530 - 830P SSW 2.112 AMBROSINO, R

S W 383R SOCIAL WORK PRACTICE I
Restricted enrollment; contact the department for permission to register for this class. Introduction to social work practice methodology and the professional use of self in generalist practice with individuals, families, groups, organizations, and communities. Prerequisite: Graduate standing in social work and concurrent enrollment in Social Work 384R, or graduate standing and consent of instructor or the graduate adviser.
• 61475 W 830 - 1130 SSW 2.112 ASSEFF, J
• 61480 W 830 - 1130 SSW 2.116 SLOAN, S
• 61485 W 830 - 1130 SSW 2.132
• 61490 TH 830 - 1130 SSW 2.118 SMITH, R
• 61495 TH 830 - 1130 SSW 2.132 LINSEISEN, T
• 61500 TH 530 - 830P SSW 2.112 BEER, M

S W 384R FIELD INSTRUCTION I
Additional hour(s) to be arranged. Practice course based on supervised assignments designed to develop a social work perspective and skill in working with individuals, families,groups, organizations, and communities. Sixteen to twenty hours a week (a total of at least 240 hours) in field placement and a weekly one-hourintegrative seminar in the application of theoretical material to practice problems and to special issues. Social Work 384R and 384S must be taken in consecutive semesters. Prerequisite: Graduate standing in social work and concurrent enrollment in Social Work 383R, or graduate standing and consent of the field director or the graduate adviser.
• 61505 W 1130 - 1230P SSW 2.112
• 61510 W 1130 - 1230P SSW 2.116
• 61515 W 1130 - 1230P SSW 2.132
• 61520 TH 1130 - 1230P SSW 2.118
• 61525 TH 1130 - 1230P SSW 2.132
• 61530 TH 430 - 530P SSW 2.112

S W 387C DIRECT PRACT FIELD IMMERSION
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Students work in a professional agency assisting clients. Prerequisite: Graduate standing in social work and consent of instructoror the graduate adviser.
• 61535 W 900 - 1000 SSW 2.140 SWORDS, S

S W 387R 13-AGING AND DISABILITY-WB
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser. Taught as a Web-based course. meets with S W 360K.
• 61540 AHONLE, Z

23-S W PRACT WITH OLDER ADULTS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61545 T 830 - 1130 SSW 2.130 CHOI, N

33-CHILD/ADULT ATTCH CLIN PRAC
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61550 W 530 - 830P SSW 2.130 WINSTON, C

38-S W MILITARY PRSNL/FAMILIES
Course number may be repeated for credit when the topics vary. Social Work 387R (Topic 37) and 387R (Topic 38) may not both be counted. Prerequisite: Graduate

standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61555 TH 530 - 830P SSW 1.212 MOE, J

39-PARENTING INTERVENTIONS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser. meets with S W 360K.
• 61560 M 230 - 530P SSW 2.112 CALZADA, E

41-TRANSFORMATIVE TEAMS HLTHCR
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61565 F 200 - 500P SSW 2.106 JONES, B

S W 388R 1-RESEARCH METHODS I
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Introduction to the basic elements of quantitative and qualitative research design in the social sciences with particular attention to social work research. Prerequisite: Graduate standing in social work and consent of instructor and the graduate adviser.
• 61570 T 900 - 1200 SSW 2.140 CUBBIN, C

5-STRUCTRL EQUATION MODELING
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to the basic concepts and applications of Structural Equation Modeling (SEM) using the AMOS program. Explores conducting factor analysis, testing causal structures, testing model structure invariance and mean invariance through multigroup analyses, and examining change over time with growth curve modeling. Social Work 388R (Topic 5) and 395K (Topic: Structural Equation Modeling) may not both be counted. Restricted to doctoral students. Prerequisite: Graduate standing in social work and consent of instructor and the graduate adviser. Additional prerequisite: For non-social work majors, graduate standing and consent of instructor.
• 61574 T 230 - 530P SSW 2.122 VON STERNBERG, K

10-QUANT DATA ANALYSIS I
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to fundamental concepts and statistical procedures used in social work research. Focus on computer applications for data analysis and development of basic skills in data file construction, management, and statistical analysis. Primary focus is on developing a conceptual and mathematical understanding of statistics needed for advanced work inresearch design, model development, model fitting and estimation, hypothesis testing, multivariate techniques, and interpretation of data. Social Work 388R (Topic 6) and 388R (Topic 10) may not both be counted. Prerequisite: Graduate standing in social work and consent of instructor and the graduate adviser.
• 61575 W 230 - 530P SSW 1.214 STREETER, C

S W 390N 2-THEORIES SOCIAL WORK PRAC
Course number may be repeated for credit when the topics vary. A critical evaluation of social work intervention strategies in human services, using alternative theoretical perspectives. Conceptualization, development, and application of social work theories and major theoretical paradigms are covered. Examination of philosophical, theoretical, and empirical underpinnings of different social work practice theories with an emphasis on understanding and critically analyzing the philosophical assumptions and scientific basis of various theories. Explores the historical context of different theories covered and research on their effectiveness within social work. Discussion of major theories from diverse disciplines. Prerequisite: Graduate standing in social work, or graduate standing andconsent of instructor and the graduate adviser.
• 61580 T 100 - 400P SSW 2.140 FRANKLIN, C

S W 393R 3-THEOR AND METH OF FAM INTERV
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61585 M 530 - 830P SSW 2.122

9-ASSMT/TREAT TRAUMATIZED POP
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61590 TH 230 - 530P SSW 2.122 LEWIS, R

13-COGNITIVE-BEHAV THERAPY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61595 W 530 - 830P SSW 1.212 CASTRO, Y

15-COUPLES COUNSELING
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61600 M 230 - 530P SSW 2.116 PARRA-CARDONA, J

16-COEX PSYCH & SUBST USE DIS
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61605 M 530 - 830P SSW 2.116 WEBB, D

18-GRIEF COUNSELING
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61610 M 1130 - 230P SSW 2.112 CAVAZOS, E

18-GRIEF COUNSELING
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser. Restricted to Clinical Social Work Concentration students.
• 61615 W 230 - 530P SSW 2.112 POMEROY, E

20-METHS OF PLAY INTERVENTION
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61620 T 530 - 830P SSW 2.130 SEPP, J

21-MOTIVATIONAL INTERVIEWING
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61625 T 1130 - 230P SSW 2.116 VELASQUEZ, M
• 61630 T 230 - 530P SSW 2.118 VELASQUEZ, M

22-NEUROBIOLOGY AND S W PRACT
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61635 M 530 - 830P SSW 2.130 MONTGOMERY, A

23-TREATMENT SUBST USE DISORD
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61640 M 530 - 830P SSW 1.212 JONES-SWANN, L

24-TREATMENT OF CHILDREN/ADOLS
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61645 TH 530 - 830P SSW 2.118 JONES, D

26-THEORS/METHS OF GROUP INTVN
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61650 M 830 - 1130 SSW 2.132 PENWELL, C
• 61655 T 830 - 1130 SSW 2.122 PENWELL, C
• 61660 M 230 - 530P SSW 2.130 KASSLER, D
• 61665 W 530 - 830P SSW 2.122 KASSLER, D

26-THEORS/METHS OF GROUP INTVN
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61670 TH 530 - 830P SSW 2.122

29-CRISIS INTERVENTION
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61675 W 230 - 530P SSW 2.132 SUDOLSKY, M

30-SOLUTN-FOCUSED BRIEF THRPY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61680 T 230 - 530P SSW 2.132 NOWICKI, J

S W 393T 16-S W LDRSHP IN HUMAN SRV SYS
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61685 T 1130 - 230P SSW 2.132 LAUDERDALE, M

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course	unique	days	time	room	instructor

18-NONPROF MANAGMNT OF HUM SRV
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61690 M 530 - 830P SSW 2.118 WHITT, A

20-INFO SYS AND COMM IN S W
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61695 TH 1130 - 230P SSW 2.116 STEWART, M

23-ADVANCED POLICY PRACTICE
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61700 W 230 - 530P SSW 2.130 SMITH, D

28-PROGRAM EVALUATION
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Social Work 393T (Topic 27) and 393T (Topic 28) may not both be counted. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61705 T 530 - 830P SSW 2.118 RIVAUX, S

29-FINCL MNGMNT HUMAN SERVICES
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Social Work 393T (Topic 29) and 395K (Topic: Financial Management/Strategy) may not both be counted. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61710 TH 530 - 830P SSW 2.116 SMITH, R

30-GRANT WRTNG/RES DEVT
Course number may be repeated for credit when the topics vary. Social Work 393T (Topic 10) and 393T (Topic 30) may not both be counted. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61715 W 530 - 830P SSW 2.118 CUBA, J

S W 393U **1-S W PRAC ABUSED/NEG CHLD/FAM**
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser. meets with S W 360K (TOPIC 4).
• 61720 W 530 - 830P SSW 2.116 CONERLY, L

24-ADV ISS SOCL & ECON JUSTICE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 61725 TH 1130 - 230P SSW 1.212 AMBROSINO, R

S W 395J **RESEARCH IN SOCIAL WORK**
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individually supervised development of the comprehensive research paper. May be repeated seven times. Restricted to students in School of Social Work. Prerequisite: Graduate standing and 41 semester hours of PhD coursework in social work. Students must sign up in the Office of the Graduate Coordinator for Doctoral Education prior to registering.
• 61730

S W 695J **RESEARCH IN SOCIAL WORK**
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individually supervised development of the comprehensive research paper. May be repeated seven times. Restricted to students in School of Social Work. Prerequisite: Graduate standing and 41 semester hours of PhD coursework in social work. Students must sign up in the Office of the Graduate Coordinator for Doctoral Education prior to registering.
• 61735

S W 995J **RESEARCH IN SOCIAL WORK**
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individually supervised development of the comprehensive research paper. May be repeated seven times. Restricted to students in School of Social Work. Prerequisite: Graduate standing and 41 semester hours of PhD coursework in social work. Students must sign up in the Office of the Graduate Coordinator for Doctoral Education prior to registering.
• 61740

S W 195K **CONF COURSE IN SOCIAL WORK**
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Introduction to the diversity of topics and methods pursued by researchers and academicians in social work education and allied fields.Topics covered are broad and include information that facilitates the learning of research methods and the development of knowledge and skillsneeded to participate in the PhD program and within a community of scholars. Prerequisite: Graduate standing and consent of instructor or the graduate adviser.
• 61745 W 1130 - 1230P SSW 1.212 FRANKLIN, C

S W 395K **CONF COURSE IN SOCIAL WORK**
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Introduction to the diversity of topics and methods pursued by researchers and academicians in social work education and allied fields.Topics covered are broad and include information that facilitates the learning of research methods and the development of knowledge and skillsneeded to participate in the PhD program and within a community of scholars. Prerequisite: Graduate standing and consent of instructor or the graduate adviser.
• 61750

FINANCE FOR SOCIAL INNOVATION
Course number may be repeated for credit when the topics vary. Introduction to the diversity of topics and methods pursued by researchers and academicians in social work education and allied fields.Topics covered are broad and include information that facilitates the learning of research methods and the development of knowledge and skillsneeded to participate in the PhD program and within a community of scholars. Prerequisite: Graduate standing and consent of instructor or the graduate adviser. meets with P A 388L.
• 61755 W 200 - 500P SRH 3.124 KOTHARE, M

INTRO TO SPORT SOCIAL WORK
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to the diversity of topics and methods pursued by researchers and academicians in social work education and allied fields.Topics covered are broad and include information that facilitates the learning of research methods and the development of knowledge and skillsneeded to participate in the PhD program and within a community of scholars. Prerequisite: Graduate standing and consent of instructor or the graduate adviser. meets with S W 360K.
• 61757 W 530 - 830P SSW 1.214 GILL, E

MITIGATION MATTERS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to the diversity of topics and methods pursued by researchers and academicians in social work education and allied fields.Topics covered are broad and include information that facilitates the learning of research methods and the development of knowledge and skillsneeded to participate in the PhD program and within a community of scholars. Prerequisite: Graduate standing and consent of instructor or the graduate adviser.
• 61758 W 530 - 830P JON 5.206

GENDER, HEALTH, AND SOCIETY
Course number may be repeated for credit when the topics vary. Introduction to the diversity of topics and methods pursued by researchers and academicians in social work education and allied fields.Topics covered are broad and include information that facilitates the learning of research methods and the development of knowledge and skillsneeded to participate in the PhD program and within a community of scholars. Prerequisite: Graduate standing and consent of instructor or the graduate adviser. meets with P A 383C.
• 61759 M 900 - 1200 SRH 3.314 ANGEL, J

NONGOV ORGS IN DEVEL WORLDS
Course number may be repeated for credit when the topics vary. Introduction to the diversity of topics and methods pursued by researchers and academicians in social work education and allied fields.Topics covered are broad and include information that facilitates the learning of research methods and the development of knowledge and skillsneeded to participate in the PhD program and within a community of scholars. Prerequisite: Graduate standing and consent of instructor or the graduate adviser. meets with SOC 396L (TOPIC 15), LAS 381, P A 388K.
• 61760 M 300 - 600P CLA 3.106 ANGEL, R

S W 395L **RESEARCH PRACTICUM**
Hour(s) to be arranged. Individually supervised research experience. May be counted towards the advanced research or statistical methods requirement. Prerequisite: Graduate standing.
• 61764

S W 395W **WRITING PRACTICUM**
Hour(s) to be arranged. Offered on the credit/no credit basis only. Individually supervised development of publishable written material. Prerequisite: Graduate standing and consent of instructor.
• 61765

S W 398T **PEDAGOGY IN SOCIAL WORK**
Focus on social work curriculum and teaching and on educational policiesand accreditation standards that inform curricular structure and content. Attends to course content and development, teaching techniques, and classroom management, emphasizing building skills as well as deepening conceptual understandings of pedagogical theory and practice. Students must complete this course before they may be appointed as assistant instructors in the School of Social Work. Prerequisite: Graduate standing in social work and consent of instructoror the graduate adviser.
• 61770 TH 230 - 530P SSW 2.140 DINITTO, D

S W 399R **DISSERTATION**
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.
• 61775

S W 699R **DISSERTATION**
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.
• 61780

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S W 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree. Partially taught as a Web-based course.
• 61785

S W 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Social Work 399R, 699R, or 999R. Partially taught as a Web-based course.
• 61790

S W 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Social Work 399R, 699R, or 999R. Partially taught as a Web-based course.
• 61795

S W 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Social Work 399R, 699R, or 999R. Partially taught as a Web-based course.
• 61800

SCHOOL OF UNDERGRADUATE STUDIES

Bridging Disciplines - BDP
Undergraduate Studies - UGS

BDP 101 HLTH INEQUALITY IN CHLDHD/ADOL
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Discussion of various contemporary issues, with an emphasis on interdisciplinary perspectives and critical discourse. Restricted to freshmen and sophomores, and to students in the Bridging Disciplines Programs. Prerequisite: Varies with the topic. Class meets September 4-October 23.
• 61855 T 200 - 400P BEL 326C PASCH, K

INTRO TO PUBLIC POLICY
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Discussion of various contemporary issues, with an emphasis on interdisciplinary perspectives and critical discourse. Restricted to freshmen and sophomores, and to students in the Bridging Disciplines Programs. Prerequisite: Varies with the topic. Class meets August 29-October 17.
• 61860 TH 200 - 400P SRH 3.219 DORN, E

PROF ETHICS: LAW/BUSN/MEDICINE
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Discussion of various contemporary issues, with an emphasis on interdisciplinary perspectives and critical discourse. Restricted to freshmen and sophomores, and to students in the Bridging Disciplines Programs. Prerequisite: Varies with the topic. Class meets August 29-October 17.
• 61865 M 330 - 530P FAC 4 DZIENKOWSKI, J

BDP 319 MUSEUM STUDIES
Course number may be repeated for credit when the topics vary. Discussion of various contemporary issues, with an emphasis on multidisciplinary perspectives and critical discourse. Restricted to freshmen and sophomores. Prerequisite: Varies with the topic.
• 61870 TTH 930 - 1100 ART 3.433 BELL, C

BDP 320K CONNECTING RSRCH EXPERIENCE
Hour(s) to be arranged. May be repeated for credit. Restricted to students in the Bridging Disciplines Programs.
• 61875

BDP 320L CONNECTING RSRCH EXPERIENCE
Hour(s) to be arranged. May be repeated for credit. Supervised research with a faculty member, related to the interdisciplinary themes of a Bridging Disciplines Program. Research mayconsist of an individual project and must meet the criteria for the independent inquiry flag. Restricted to students in the Bridging Disciplines Programs.
• 61880

BDP 325K CONNECTING INTERN EXPERIENCE
Hour(s) to be arranged. May be repeated for credit. Supervised internship experience related to the interdisciplinary themesof a Bridging Disciplines Program. Restricted to students in the Bridging Disciplines Programs. Prerequisite: Consent of the Bridging Disciplines Programs.
• 61885

UGS 302 ALMA MATTERS: HIGHER EDUCATION
Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores how first-year students accomplished what might be the primary goal in their young lives: attending a prestigious university. Analyzes how college has become a rite of passage and an essen tial step in the ascendancy of socioeconomic status. Examines the purpose of a college education by integrating historical, economic, organizational, and cultural perspectives.
• 61940 MWF 200 - 300P PAR 305 REDDICK, R

AMERICA THROUGH AUTOBIOGRAPHY
Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: The American experience as told through autobiographies. Topic description: Discuss classic autobiographies leading to the identification of culture-specific aspects of America.
• 61945 TTH 1230 - 200P MEZ 1.204 HILLMANN, M

AN OFFER YOU CAN'T REFUSE
Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be

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counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines how promises are seemingly simple, but ultimately turn to be more complex. Delves into how legal systems handle contracts in different ways, because they actually have to try to do many di fferent things at once. Analyzes two systems (ancient Roman, modern American) to see what kinds of problems can be avoided and what trade-offs have to be made.
• 61950 MWF 300 - 400P RIGGSBY, A

AUSTIN ENVIRON ISSUES

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description:Explores a wide range of environmental issues important in central Texas, such as invasive species, water shortages, and water pollution. Analyzes these issues from many different aspects, from chem istry and biology to politics and ethics
• 61955 TTH 1230 - 200P BIO 214 FOWLER, N

BRAZILIAN STUDIES

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore how Brazil is poised to influence global dynamics as the eighth largest economy in the world and a member of BRICS. Examine the formation of Brazil and expose students to the main issues th at define Brazilian society as they compare and contrast with their own world.
• 61960 MWF 1200 - 100P CLA 0.108 AFOLABI, O

CAPTIVATING TEXTS

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Analyzes how stories of captivity recur in various forms throughout American literary history. Discusses captivity stories as foundational texts, developing shared themes and tropes and exploring s imilar problems as they develop from spiritual autobiography to fictionalized history, to fiction, memoir, and film. Explores accounts of American captivity experiences, beginning with an early American best-seller a nd as it recurs in later and contemporary fiction and film.
• 61965 MWF 1200 - 100P PAR 310 HENKEL, J

CATHOLICISM AND SOCIAL THOUGHT

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore central themes of Catholic social thought and how they developed, including concepts of human rights, the dignity of work and the human person, the common good, care of the earth, and socia l solidarity.
• 61970 MWF 200 - 300P CLA 0.108 REGNERUS, M

CHINESE POL. / SOCIETY IN FILM

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores how China is becoming increasingly important for students who enter the labor force today, whether in business, government, science and engineering. Understanding the Chinese society and C hinese politics is a daunting task because of the complexity in its political system and cultural heritage. Uses films and documentaries to provide an introduction for a better understanding of China through depictin g Chinese politics and lives of Chinese citizens in various contexts and historical moments.
• 61975 MW 930 - 1100 JES A215A LU, X

CITY IN LATIN AMERICAN HISTORY

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine centrality of cities in Latin American history, from pre-Columbian times to the contemporary extremes of slums and gated communities.
• 61980 MWF 1100 - 1200 MEZ 2.122 LARA, F

CLASSICAL PHILOSOPHY & LIT

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine philosophy and literature of ancient Greece and Rome.
• 61985 TTH 930 - 1100 MAI 220F KOONS, R

CLASSICS AND MODERN FANTASY

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore contemporary reception of some important themes in classical literature, specifically the description and narratives of succession and civil war. Explore how readings based on George Martin 's Game of Thrones relate to classical antecedents. Discuss narrative, processes of transformation from antiquity to the present day, and the presence of the classics in current media.
• 61990 TTH 1100 - 1230P CLA 0.108 LUSHKOV, A

CRITICAL THINKING & THE MEDIA

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic Description: Examines the work of Herbert Marshall McLuhan, the prophet of the media age and patron saint of Wired Magazine, offers a fundamental insight: That the environments we inhabit, the conditions that s urround us, tend to be invisible to us. Examines, discusses numerous types of media. Explores how technology changes the ways students perceive, know and relate to the world.
• 61995 TTH 330 - 500P BUR 128 MANDEL, H

DEVELOPMENT OF MORAL ACTION

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore the development of moral thinking, moral emotions, and a moral self-concept in children and adolescents in an effort to understand what leads some people to help and others to harm.
• 62000 MWF 1000 - 1100 CLA 0.108 REPP, A

DIFF DIALOG: PARTCPTRY DEMCRCY

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore emerging trends in participatory democracy. Examine theory and practice of dialogue, deliberation, collaborative inquiry, and consensus building and how they are being applied to challengin g public policy issues.
• 62005 T 100 - 400P MAI 220B WILSON, P

DIFF DIALOG: VISUALIZING CUBA

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description:Explores Cuba, its history and affairs not as foreign pundits see it, but as Cuban artists have visualized it through painting, art installations, photography, film, documentaries,urban design and m onumental architecture, performance and fiction throughout its history up to the present day.Emphasizes how visual, media, literary and other artists in Cuba and its diaspora respond, contribute, or object to the pow er of cultural and political visual icons during and after the Cold War.
• 62010 TTH 930 - 1100 BEN 1.102 SALGADO, C

DIFFICULT DIALOGUE: HIV/AIDS

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine comprehensive overview of HIV/AIDS by drawing on biological, psychological,

historical, and sociological theory. Investigate the persistence of the disease as well as the dramatic variabil ity in prevalence within and across populations, moving from the cellular level to the population level.
• 62015 MWF 1200 - 100P CAL 21 CAVANAGH, S

DISCOVERY OF FREEDOM

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Investigates the cradle of democracy through drama and wisdom of the ancient Greek world by studying great works of theater and philosophy. Explores how freedom may be shaped by good leaders in ord er to survive and how tyranny can be spotted and can be put to flight.
• 62020 MWF 300 - 400P MAI 220B WOODRUFF, P

DISSENT IN DEMOCRACY

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine periods of civil strife and war, such as the Civil War and Vietnam War, in a cross-disciplinary approach that stresses both history and literature and apply insights gained to contemporary confrontations.
• 62025 TTH 1100 - 1230P CLA 1.108 KEARNEY, J

ENGINEERING BIOLOGY

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines the underlying technology, the potential impact in a variety of fields, the societal, economic, and environmental implications, and bioethical/philosophical questions raised by this work.
• 62030 TTH 1100 - 1230P CPE 2.222 ALPER, H

EXPLORING CITIES/EXPLORING ATX

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore elementary knowledge of relevant fields (such as urban planning, social work, and public administration) through selected readings, oral presentations, guest speakers, and occasional field trips.
• 62035 TTH 800 - 930 BEN 1.106 POSTIGO OLSSON, P

FACT/FICTION IN MENTAL ILLNESS

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores how students will encounter people with emotional disorders and mental illness during the course of life. Understanding human emotions is a key to interacting and communicating effectively with others. Destigmatizes emotional disorders and provides students with an in-depth knowledge of a variety of mental disorders so that they are able to critically discern fact from fiction in films and literature.
• 62040 MWF 900 - 1000 JES A205A POMEROY, E

FASHN, BEAUTY, AND VISUAL CUL

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore importance of fashion and beauty as visual cues in our contemporary culture. Examine social, psychological, cultural, biological, and economic significance of clothing and appearance and th e influences of dress on behavior and communication patterns.
• 62045 TTH 1230 - 200P GEA 100 REED, J

FEMINISM AT THE MOVIES

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores issues of gender and sexuality through readings of contemporary American and European popular films.
• 62050 TTH 1230 - 200P MAI 220A BONIFAZIO, P

FEMINIST AND QUEER MEMOIR

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description:Explores the central role that the genre of memoir has played for marginalized groups, including women, LGBTQ people, and people of color, as well as the controversy the generated by the presence of personal stories in the public sphere. Analyze classic texts from the 1970s and 80s by Audre Lorde, Gloria Anzaldua, and Dorothy Allison, as well as contemporary writers. Utilizes on-campus resources such as the Ben son Library's Gloria Anzaldua Collection and Human Rights Digital Initiative and the PCL's Black Queer Collections and we will visit the Blanton Museum's contemporary art collections.
• 62055 TTH 930 - 1100 PAR 305 CVETKOVICH, A

GENDERED VIOLENCE

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Considers the role of racial, gendered, and sexualized violence as forms of social regulation. Focuses on current issues and responses to this phenomena, including the 2014 Violence Against Women A ct (VAWA), to understand the forces at work through gender-based violence along racial, ethnic, socioeconomic, sexual lines as well as the intersection with immigration status. Tackles the mental health issues that a ccompany gender-based violence survivors, who experience post-traumatic stress disorder or panic disorders, by discussing why a trigger warning may aggravate those issues or traumatic experiences.
• 62060 MWF 1000 - 1100 MAI 220B GUIDOTTI-HERNANDEZ

GOOD, BAD, UGLY IN CHINESE CUL

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Discuss topics on Chinese tradition from the thought provoking to bizarre: the Good (Dao), the Bad (love and social politics in Chinese society), and the Ugly (exotica).
• 62065 MW 300 - 430P MAI 220D LAI, C

HIDDEN TREASURES OF PLANTS

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Hidden treasures of plants: fuel, food, medicine, and money. Topic description: Examine undervalued treasures of plants in today's world, including their increasing use as biofuels, little-known value as wild sources of food and medicines, and potential as money-makers for entrepreneurs.
• 62070 TTH 200 - 330P MAI 220A ROUX, S

HOLLYWOOD HOLOCAUST

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Reel horror: Hollywood holocaust. Topic description: Examine the Holocaust in several humanities and social science disciplines. Discuss questions of representation in film, literature, politics, history , as well as issues of business marketing and issues that pertain to sociology and psychology, education, and communication.
• 62075 TTH 930 - 1100 MAI 220C BOS, P

HOW HIGH IS MEDIA'S ECON IQ

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: A flatworld and freaks: How high is the media's economics IQ. Topic description: Explore whether the increased talk and interest in economics, shown by best sellers Freakonomics and The World is Flat, is consistent with the way economists view the world. Analyze views in the media to separate the useful from the flawed.
• 62080 MWF 900 - 1000 WAG 208 HICKENBOTTOM, W

HOW TO CHANGE THE WORLD

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore being an active agent of social change. Examine choosing ignorance of social issues or awareness and the ethical implications, how we move toward advocacy and action when we choose awarenes s, and how we build action and transformation into careers and lives.

• 62085 TTH 100 - 230P SSW 2.130 PADILLA, Y

IDENT DEVEL IN MULTICUL WORLD

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine personal narratives in contemporary movies, autobiographical essays, poetry, and literature using the dual lens of critical theory and psychological theory as a backdrop for understanding o ur own identity.

• 62090 TTH 1230 - 200P CBA 4.342 MOORE, L

IMMIGRANT STUDENTS-US SCHOOLS

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines how racial disparities are at the forefront of American education, and proposes to interrogate how children of immigrant parents fare in the US educational system. Explores prior research illustrating both the immigrant advantage, and the bilingual advantage in education, and takes a critical approach to the racialization that most children of immigrant parents undergo in the US.

• 62095 M 400 - 700P SZB 286 CALLAHAN, R

ITALIAN DRAMA: PAGE TO STAGE

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore the content of great Italian literature and acts them out as performances to understand how plays change profoundly from the page to the stage. Examine each drama in a broader cultural cont ext by coupling them with another text in prose by the playwright.

• 62100 MWF 100 - 200P MEZ 2.118 OLSON, A

LANGUAGE & COMMUNICATION

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore gesture as a ubiquitous part of human communication, occurring independently of language and in association with language. Examine communication through the human use of gestures and of sig ned languages.

• 62105 MWF 1100 - 1200 MAI 220C MEIER, R

LANGUAGE/CULTURE AMAZONIA

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Investigate the languages and cultures of indigenous Amazonians, with an eye to understanding their past and the challenges of their present.

• 62110 TTH 200 - 330P CLA 0.120 EPPS, P

LEADERS AND LEADERSHIP

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the essence of leadership by analyzing and discussing the historical figures of Pericles, Alcibiades, and Alexander the Great. Delves into what made these figures some of the most fascinat ing but controversial leaders of the ancient world and how the standards used to understand their leadership are still relevant to the assessment of modern leaders and leadership.

• 62115 MWF 200 - 300P MAI 220C CARUSI, C

LONGHORN 40 FOR 40

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines how sports are part of the fabric of our Unites States and even more so in the great state of Texas. Analyzes the documentaries that have become an increasingly effective way to learn abou t, and better understand, the tapestry of significant events when they involve complex social issues.Utilizes the award-winning documentary series ESPN 30 for 30 to engage students in social (work) issues, qualitativ e research, critical thinking, and documentary development while discussing themes imperative to college student development.

• 62120 MWF 200 - 300P JES A203A GILL, E

LOVE, MATING, AND THE BRAIN

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore how the brain and chemicals in the brain interact to regulate love and mating. Examine the brain science of parental love, partner love, mating, sexual orientation, and lost love.

• 62125 TTH 930 - 1100 SEA 4.242 DOMINGUEZ, J

MARKETING FOR SOCIAL PROFIT

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine marketing for societal benefit. Discuss organizational change, leadership, and marketing for social profit.

• 62130 TTH 1230 - 200P MAI 220D GOLDEN, L

MASS MEDIA AND SOCIETY

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: From Gutenberg to your iPod: Mass media and its influence on society. Topic description: Explore the power and possibility of the mass media's activities, and becoming critical consumers capable of under standing past, present, and, most importantly, future media operations.

• 62135 TTH 1100 - 1230P CAL 221 LOVE, B

MEET YOUR BIOLOGICAL CLOCK

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Explores why some individuals are while others are evening types. Examines how blue-enriched light disturb sleep. Explores the function and dysfunction of our biological clocks, through in-class seminars and curated online tutorials, readings and group discussions of primary research literature, and exploration of time and timing as portrayed in art;collect, analyze, and present data on the characteristics of biological clocks, as tracked using wearable activity devices.

• 62140 TTH 200 - 330P BEN 1.106 SCHWARTZ, W

MOTHERHOOD IN AMERICA

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic Description: Examines the historical evolution of ideas about motherhood from the 1950s to the present day. Emphasizes the ways in which popular understandings of good and bad mothers have changed over time, as well as the ways in which these categories have been shaped by and perpetuated racial, economic, and other forms of inequality. Considers the ways in which women have consciously sought to transform conventional not ions of motherhood and used motherhood as a tool in struggles for social change.

• 62145 MWF 1000 - 1100 BUR 128 GUTTERMAN, L

course unique days time room instructor

MUSIC AND PSYCHOLOGY

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Discuss how psychological principles are involved in music perception, learning, and performance, and how to scientifically investigate these issues.

• 62150 TTH 1100 - 1230P MAI 220A DOMJAN, M

NEW URBAN STUDIES

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore what makes a good city in a time of rapid urbanization. Investigate present challenges and future possibilities of Austin, Houston, Detroit, Los Angeles, New York, London, Shenzhen, Rome, G lasgow, and others. Draws readings and viewings from academic writing, fiction, journalism, art, and film.

• 62155 M 300 - 600P BUR 436A LEWIS, R

PHYS ACTIVITY & PUBLIC HEALTH

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore relationships between physical activity and public health.

• 62160 TTH 930 - 1100 BEL 710B BARTHOLOMEW, J

PROCESS ECOLOGY ACROSS LIFE

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Process Ecology across Lifeforms, Scales, Dimensions. Topic description: Examines principles of systems and process ecology as a means to gain insight into complex human behaviors across disciplines, thu s bridging physical sciences, social sciences and humanities.

• 62165 MWF 300 - 400P PAR 305 PORTO, L

REALLY BAD BUGS

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Really bad bugs: Historical and emerging infectious disease case studies. Topic description: Examine selected historically important infectious diseases in terms of their impact on human history, includi ng social structure, government, and religion.

• 62170 TTH 200 - 330P MAI 220D DAVIS, P

RELIGIOUS FREEDOM IN THE USA

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Religious freedom in the United States: Polygamy, peyote, and public prayer. Topic description: Explore conceptions of, debates about, and controversies surrounding religious freedom.

• 62175 TTH 1100 - 1230P MAI 220C GRABER, J

SCIENCE AND THE BIBLE

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore critical thinking about science and the Bible. Examine evolution and origins, from scientific and Biblical viewpoints in order to develop and defend perspectives in both written and oral fo rmats.

• 62180 TTH 930 - 1100 MAI 220B DILLER, K

SCIENCE FICTION AND POLITICS

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore core themes in the study of politics, economics, and social organization through the lens of major works of science fiction.

• 62185 TTH 1100 - 1230P MAI 220F CHAPMAN, T

SELF-CARE AND OTC PRODUCTS

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore self-care and available nonprescription drug products through interactive discussions, writing assignments, and group presentations.

• 62190 TTH 1100 - 1230P PHR 3.110 ACOSTA, W

STRESS: BIOLOGY AND BEHAVIOR

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Surveys the research and thinking on the biological bases of stress and its relation to behavior. Explores all aspects of stress and develop an understanding of stress research and data. Examines m ultiple levels of explanation from the molecular to the organism.

• 62195 MWF 1200 - 100P SEA 3.250 DELVILLE, Y

SURVEILLANCE: AN INTRODUCTION

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore key concepts in the emerging field of surveillance studies through readings that include Cory Doctorow's Little Brother, George Orwell's 1984 and Bill Staples' Everyday Surveillance.

• 62200 TTH 1100 - 1230P GDC 2.402 BROWNE, S

TALES OF THE TROJAN WAR

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: The Trojan Wars: from Bronze Age to the silver screen. Topic description: Examine the story of the Trojan War and the city of Troy, both in history (specifically in terms of archaeology) and in ancient a nd modern attempts to make sense of war, heroism, violence, loss, and community.

• 62205 TTH 1230 - 200P MAI 220C RABINOWITZ, A

TPCS PHARMACY-BASED HLTH CARE

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore contemporary issues in health care, including medicine, pharmacy, and nursing.

• 62210 TTH 930 - 1100 PHR 3.110 KARBOSKI, J

VISUAL ESSAY

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Gain an understanding of essential visual elements and methods of visual communication through a series of materials and process based visual exercises.

• 62215 TTH 1200 - 130P ART 3.214 CHESNEY, L

WHAT IS POWER

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the many facets of power and the role that power plays in relationships.

• 62220 TTH 330 - 500P CLA 0.120 CHARRAD, M

course	unique	days	time	room	instructor

WHAT MAKES WORLD INTELLIGIBLE

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine classic and contemporary works to answer the basic question of how we explain and understand why things happen as they do.

• 62225	T	300 - 600P	CCJ 2.310	POWERS, W

WHAT WE SEE, WHAT WE BELIEVE

Designed to accommodate 35 or fewer students. Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore how our social reality is constructed and unfolds via participant observation and visual media. Deconstruct specific cultural content that is relevant to the world.

• 62230	TTH	930 - 1100	CLA 0.120	HAGHSHENAS, H

WHEN WORLDS COLLIDE

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students.

• 62235	TTH	1100 - 1230P	CAL 22	DEANS-SMITH, S

WHO OWNS THE PAST

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore ethical, legal, and political dilemmas surrounding the use, appropriation, and ownership of the past. Investigate preserving cultural property during times of war and political instability, the relationship between collecting, looting, and the international art market, and the use of the past for economic and political ends. Examine the question of whether or not local populations have ultimate control over cultural patrimony.

• 62240	TTH	200 - 330P	WAG 308	WALTHALL, D

WRITING WOMEN'S LIVES

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines how others present their life stories prompts us to consider our own experiences and how they inform our sense of self and self-worth. Explores a mix of autobiographical and fictional work by well-known women writers throughout history.

• 62245	MWF	1000 - 1100	CRD 007B	MACKAY, C

YOUTH AND TECHNOLOGY

Seminar class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Engages students in thinking about the role of technology in youth's lives generally (in society) and specifically (in educational contexts). Discusses and writes about specific sociological, anthropological, psychol ogical, and educational perspectives that shape current controversies concerning youth's uses of digital technologies.

• 62250	TTH	1100 - 1230P	SZB 422	HUGHES, J

UGS 303

AFRICAN AMERICANS IN SPORT

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores historical development of the African American sport experience. Analyze research on physical differences, racial stereotyping, identity development, social influences and how they impact ethnic participation patterns in particular sports.

• 62255	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	800 - 900	SZB 284	
• 62260	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	900 - 1000	SZB 284	
• 62265	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	900 - 1000	SZB 526	
• 62270	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	1000 - 1100	SZB 284	
• 62275	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	1000 - 1100	SZB 524	
• 62280	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	1100 - 1200	SZB 284	
• 62285	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	1200 - 100P	SZB 526	
• 62290	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	100 - 200P	SZB 526	
• 62295	TTH	930 - 1100	ETC 2.108	HARRISON, L
	F	200 - 300P	SZB 526	

AMERICAN MUSICALS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine the power of the musical to both reflect and shape historical moments, and the ways in which the musical has been an effective tool for dialogue and debate surrounding politics, society, an d identity.

• 62300	TTH	1230 - 200P	MRH 2.634	LEWIS, H
	F	900 - 1000	MRH 2.614	
• 62305	TTH	1230 - 200P	MRH 2.634	LEWIS, H
	F	1000 - 1100	MRH 2.614	
• 62310	TTH	1230 - 200P	MRH 2.634	LEWIS, H
	F	1100 - 1200	MRH 2.614	

BLACKNESS & MASS INCARCERATION

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines historical developments, criminal justice policies, and shared beliefs to understand incarceration rates in the United States.

• 62315	TTH	930 - 1100	SZB 296	GORDON, E
	W	900 - 1000	MAI 220D	
• 62320	TTH	930 - 1100	SZB 296	GORDON, E
	W	1000 - 1100	MAI 220D	
• 62325	TTH	930 - 1100	SZB 296	GORDON, E
	W	1100 - 1200	MAI 220D	

CAPTURING CREATIVITY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Investigates discoveries that changed the way we exist within our present-day technological universe. Looks to contemporary thinking individuals; artists, musicians, philosophers, and scientists fo r skills and tactics that assist others to effectively transform an idea to a realized object, event, or formula and ways in which to communicate ideas to others in a clear and eloquent manner.

• 62330	TTH	800 - 930	SZB 104	HABECK, M
	TH	1100 - 1200	MAI 220E	
• 62335	TTH	800 - 930	SZB 104	HABECK, M
	TH	1200 - 100P	MAI 220E	
• 62340	TTH	800 - 930	SZB 104	HABECK, M
	TH	100 - 200P	MAI 220E	
• 62345	TTH	800 - 930	SZB 104	HABECK, M
	TH	200 - 300P	MAI 220E	
• 62350	TTH	800 - 930	SZB 104	HABECK, M
	TH	300 - 400P	MAI 220E	
• 62355	TTH	800 - 930	SZB 104	HABECK, M
	TH	400 - 500P	MAI 220E	

COWBOYS & CADILLACS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic Description: Examines major American films about Texas and the novels and historical works on which the films are based.

• 62360	TTH	330 - 500P	CBA 4.328	GRAHAM, D
	W	200 - 300P	MAI 220E	
• 62365	TTH	330 - 500P	CBA 4.328	GRAHAM, D
	W	300 - 400P	MAI 220E	

March 3, 2018

course	unique	days	time	room	instructor
	• 62370	TTH	330 - 500P	CBA 4.328	GRAHAM, D
		W	400 - 500P	MAI 220E	

CRITICAL GEOGRAPHIES OF HEALTH

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine how difference and power shape health and health care provision around the world.

• 62375	MW	200 - 300P	CLA 0.112	FARIA, C
	TH	330 - 430P	MAI 220D	
• 62380	MW	200 - 300P	CLA 0.112	FARIA, C
	TH	430 - 530P	MAI 220D	
• 62385	MW	200 - 300P	CLA 0.112	FARIA, C
	F	500 - 600P	MAI 220F	
• 62390	MW	200 - 300P	CLA 0.112	FARIA, C
	TH	530 - 630P	MAI 220D	

CRITICAL GEOGRAPHIES OF HEALTH

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines how difference and power shape health and health care provision around the world.

• 62395	MW	200 - 300P	CLA 0.112	FARIA, C
	F	300 - 400P	MAI 220F	
• 62400	MW	200 - 300P	CLA 0.112	FARIA, C
	F	400 - 500P	MAI 220F	

CROSS-CULTURAL TONGUES

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Gain a deep appreciation and critical understanding of language politics, cognitive processes, and the social and cultural context of Spanish-English bilingualism.

• 62405	MW	900 - 1000	SZB 296	COLOMINA-ALMINANA
	F	1000 - 1100	SZB 434	
• 62410	MW	900 - 1000	SZB 296	COLOMINA-ALMINANA
	F	1100 - 1200	SZB 434	
• 62415	MW	900 - 1000	SZB 296	COLOMINA-ALMINANA
	F	1200 - 100P	SZB 284	
• 62420	MW	900 - 1000	SZB 296	COLOMINA-ALMINANA
	F	100 - 200P	SZB 284	

DANCING AMERICA

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore how dance represents "America," focusing on how dance models multiculturalism and diversity, using readings from American studies and dance history.

• 62425	TTH	930 - 1100	ART 1.120	ROSSEN PAVKOVIC, R
	F	800 - 900	CLA 0.108	
• 62430	TTH	930 - 1100	ART 1.120	ROSSEN PAVKOVIC, R
	F	900 - 1000	CLA 0.108	
• 62435	TTH	930 - 1100	ART 1.120	ROSSEN PAVKOVIC, R
	F	1100 - 1200	UTC 3.120	
• 62440	TTH	930 - 1100	ART 1.120	ROSSEN PAVKOVIC, R
	F	1200 - 100P	UTC 4.120	

DD: AFRO-ENTREPRENEURSHIP

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Describes, reflects and debates on individual and collective mechanisms developed by African descendant population to overcome social inequality and discrimination and creatively obtain upward mobi lity and/or collective development.

• 62445	TTH	330 - 500P	PAR 308	JORGE DE PAULA PAI

DD: IMMIGRANTS AS ALIENS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Difficult dialogues: Representations of immigrants in American popular culture. Topic description: Discuss the historical and contemporary debates around immigrants and immigration in American popular cu lture. Examine ways in which immigrant groups and immigrant issues have been depicted in film, cartoons, fiction, magazine covers, newspaper headlines, legal documents, and popular discourse.

• 62450	TTH	1100 - 1230P	SAC 5.102	SERIFF, S

DD: STUDENTS, POLICY, & ACTION

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine how policies effect people and how people affect policy change through exploration of Critical Race Theory and the policy process.

• 62455	TTH	1100 - 1230P	GAR 0.128	VOHRA, S

DD: TWO TO TANGO

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description:Explores how managing different social relationships have been a main challenge for our students as they transition into adulthood and learn to lead and collaborate.Aims to help students navigate bo th their current and future personal and professional relationships. Uses dance to develop social skills including effective and constructive communication, empathy, leadership, and self-confidence.

• 62460	MWF	100 - 200P	CLA 0.118	LIN, K

DIFF DLG: CULTRL IDENTS/DIFFS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Difficult dialogues: Representations of immigrants in American popular culture. Topic description: Discuss the historical and contemporary debates around immigrants and immigration in American popular cu lture. Examine ways in which immigrant groups and immigrant issues have been depicted in film, cartoons, fiction, magazine covers, newspaper headlines, legal documents, and popular discourse.

• 62465	TTH	930 - 1100	SAC 5.102	STRONG, P

DISABILITY AND THE MEDIA

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores how the culture of disabilities has evolved and the associated changes can be reflected in the manner in which individuals with disabilities are portrayed in various types of media. Analy zes the gap that ignorance creates is too often filled with stereotype and prejudice. Examines with contemporary approach to disability in the media--both good and bad.

• 62470	TTH	1100 - 1230P	SZB 330	PATTON, J
	TH	200 - 300P	MAI 220B	
• 62475	TTH	1100 - 1230P	SZB 330	PATTON, J
	TH	300 - 400P	MAI 220B	
• 62480	TTH	1100 - 1230P	SZB 330	PATTON, J
	TH	400 - 500P	MAI 220B	

DISASTER IN THE ANCIENT WORLD

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examine how ancient human responses to natural disasters might have a bearing on our modern responses, from panics to political demagoguery to scientific remedies and public policy.

• 62485	MW	200 - 300P	CLA 1.106	TAYLOR, R
	F	100 - 200P	GAR 1.134	
• 62490	MW	200 - 300P	CLA 1.106	TAYLOR, R
	F	200 - 300P	GAR 1.134	
• 62495	MW	200 - 300P	CLA 1.106	TAYLOR, R
	F	300 - 400P	GAR 1.134	

ELEMENTS OF EFFECTIVE THINKING

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective.

April 3, 2026

course	unique	days	time	room	instructor

Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore effective thinking strategies for school and life. Examine strategies from subjects ranging from mathematics to art. Restricted to students in the Discovery Scholars Program.

• 62500	MWF	1000 - 1100	CLA 0.126	STARBIRD, M
	F	100 - 200P	CLA 0.120	
• 62505	MWF	1000 - 1100	CLA 0.126	STARBIRD, M
	F	200 - 300P	CLA 0.118	
• 62510	MWF	1000 - 1100	CLA 0.126	STARBIRD, M
	F	200 - 300P	MEZ 2.102	
• 62515	MWF	1000 - 1100	CLA 0.126	STARBIRD, M
	F	300 - 400P	MEZ 2.102	
• 62520	MWF	1000 - 1100	CLA 0.126	STARBIRD, M
	F	400 - 500P	MEZ 2.102	

ENTREPRENEURSHIP

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore context of and ideas surrounding sustainable businesses that create jobs, have an economic impact, and have innovative products.

• 62525	TTH	930 - 1100	BEN 1.122	WEBBER, M
	F	900 - 1000	CAL 22	
• 62530	TTH	930 - 1100	BEN 1.122	WEBBER, M
	F	1000 - 1100	CAL 22	

FILMS AND FILMMAKERS OF ITALY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores a broad and varied sampling of classic Italian films from WWII to the present, tracing a certain stylistic and thematic development from neorealism to postmodernism, pointing out both the continuity of the tradition and exceptions to it, in an attempt to define the art of Italian film and how it fits more broadly to Italian culture. Aims to become more aware of how students, as viewers, respond to fil ms in socially and culturally determined ways.

• 62535	TTH	200 - 330P	PAR 301	BIOW, D
	W	800 - 900	MAI 220B	
• 62540	TTH	200 - 330P	PAR 301	BIOW, D
	M	1200 - 100P	MAI 220C	
• 62545	TTH	200 - 330P	PAR 301	BIOW, D
	M	100 - 200P	MAI 220C	

FILMS AND FILMMAKERS OF ITALY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic Description: Explore a broad and varied sampling of classic Italian films from WWII to the present, tracing a certain stylistic and thematic development from neorealism to postmodernism, pointing out both the c ontinuity of the tradition and exceptions to it, in an attempt to define the art of Italian film and how it fits more broadly to Italian culture. Aim to become more aware how students, as viewers, respond to films in socially and culturally determined ways.

• 62550	TTH	200 - 330P	PAR 301	BIOW, D
	W	900 - 1000	MAI 220B	

FROM NUMBERS TO CHAOS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Develop logical thinking and justification by exploring certain topics in mathematics and science related to Chaos, Dynamics, and Fractals.

• 62555	TTH	1100 - 1230P	BUR 208	DANIELS, M
	M	800 - 900	MAI 220D	

FROM NUMBERS TO CHAOS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Develop logical thinking and justification by exploring certain topics in mathematics and science related to Chaos, Dynamics, and Fractals. Restricted to students in the Freshman Research Initiativ e.

• 62560	TTH	1100 - 1230P	BUR 208	DANIELS, M
	M	1000 - 1100	MAI 220D	
• 62565	TTH	1100 - 1230P	BUR 208	DANIELS, M
	M	1100 - 1200	MAI 220D	

FROM NUMBERS TO CHAOS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Develop logical thinking and justification by exploring certain topics in mathematics and science related to Chaos, Dynamics, and Fractals.Restricted to students in the Texas Interdisciplinary Plan .

• 62570	TTH	1100 - 1230P	BUR 208	DANIELS, M
	M	900 - 1000	MAI 220D	

GAMEPLAN FOR WINNING AT LIFE

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Construct a template for success based on narratives of prominent athletes who have lost public esteem. Explore critical issues, including personal finance, human intelligence, moral aptitude, and leadership development.

• 62575	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	900 - 1000	CMA 5.190	
• 62580	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	900 - 1000	GDC 2.210	
• 62585	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	1000 - 1100	CMA 5.190	
• 62590	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	1000 - 1100	GDC 2.210	
• 62595	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	1100 - 1200	CMA 5.190	
• 62600	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	1100 - 1200	GDC 2.210	
• 62605	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	1200 - 100P	CAL 22	
• 62610	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	100 - 200P	CAL 22	
• 62615	TTH	930 - 1100	SSW 2.106	ROBERTS, D
	F	200 - 300P	CAL 22	

GEOSCIENCE: SUSTAINABILITY/SOC

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic Description: Explores current challenges at the intersection of geoscience research, sustainability and society. Discusses the subjects of climate change, energy production, soil erosion and agriculture, water availability, and natural hazards risk assessment and prediction.

• 62620	TTH	930 - 1100	PAR 201	BELL, C
	M	900 - 1000	CAL 21	
• 62625	TTH	930 - 1100	PAR 201	BELL, C
	M	1000 - 1100	CAL 21	
• 62630	TTH	930 - 1100	PAR 201	BELL, C
	M	1100 - 1200	CAL 21	

GLOBAL INEQUALITIES/HEALTH

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Discuss overview of the physical and mental health of human populations, paying particular attention to health care delivery systems around the world. Restricted to first-year transfer students.

• 62635	MW	400 - 500P	CLA 0.126	ANGEL, J
	F	800 - 900	MAI 220D	
• 62640	MW	400 - 500P	CLA 0.126	ANGEL, J
	F	900 - 1000	MAI 220D	
• 62645	MW	400 - 500P	CLA 0.126	ANGEL, J
	F	1000 - 1100	MAI 220D	
• 62650	MW	400 - 500P	CLA 0.126	ANGEL, J
	F	1100 - 1200	MAI 220D	
• 62655	MW	400 - 500P	CLA 0.126	ANGEL, J
	F	1200 - 100P	MAI 220D	

• 62660	MW	400 - 500P	CLA 0.126	ANGEL, J
	F	100 - 200P	MAI 220D	

GREY IS GOOD

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Aims to teach students how to use their critical thinking skills to debate current topics in our modern society.

• 62665	MW	800 - 900	GSB 2.126	HUGHES, R
	F	800 - 900	PAR 305	
• 62670	MW	800 - 900	GSB 2.126	HUGHES, R
	F	900 - 1000	PAR 305	
• 62675	MW	800 - 900	GSB 2.126	HUGHES, R
	F	1000 - 1100	PAR 305	
• 62680	MW	800 - 900	GSB 2.126	HUGHES, R
	TH	1100 - 1200	MAI 220B	
• 62685	MW	800 - 900	GSB 2.126	HUGHES, R
	TH	1200 - 100P	MAI 220B	
• 62690	MW	800 - 900	GSB 2.126	HUGHES, R
	TH	100 - 200P	MAI 220B	

HEROES OF ANCIENT GREECE

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores heroism and how the Homeric works of long ago translate to present-day values and ideals.

• 62695	MW	1200 - 100P	WAG 420	WHITE, S
	F	1000 - 1100	CBA 4.342	
• 62700	MW	1200 - 100P	WAG 420	WHITE, S
	F	1100 - 1200	CBA 4.342	
• 62705	MW	1200 - 100P	WAG 420	WHITE, S
	F	1200 - 100P	CBA 4.342	

HOW THINGS WORK

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Discuss mechanical engineering principles and concepts through the language of engineering, how things work (machines), how things are made (manufacturing), how things are powered (energy), and how things move (transportation).

• 62710	TTH	1100 - 1230P	UTC 3.104	BEAMAN, J
	TH	300 - 400P	JES A203A	
• 62715	TTH	1100 - 1230P	UTC 3.104	BEAMAN, J
	TH	300 - 400P	JES A205A	
• 62720	TTH	1100 - 1230P	UTC 3.104	BEAMAN, J
	TH	400 - 500P	JES A203A	
• 62725	TTH	1100 - 1230P	UTC 3.104	BEAMAN, J
	TH	400 - 500P	JES A205A	
• 62730	TTH	1100 - 1230P	UTC 3.104	BEAMAN, J
	TH	500 - 600P	JES A203A	
• 62735	TTH	1100 - 1230P	UTC 3.104	BEAMAN, J
	TH	500 - 600P	JES A205A	

HUMAN RIGHTS: LAW, LIT, CULT

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Investigates the recent history of human rights discourse in relation to the terms-sexual orientation and gender diversity in a variety of legal, social, medical, political and academic contexts. E xplores national constitutions and controversies, international agreements and disputes, academic arguments about sexuality and cultural difference and universal rights.

• 62740	TTH	200 - 330P	ECJ 1.202	HOAD, N
	M	900 - 1000	BUR 228	
• 62745	TTH	200 - 330P	ECJ 1.202	HOAD, N
	M	1000 - 1100	BUR 228	
• 62750	TTH	200 - 330P	ECJ 1.202	HOAD, N
	M	1100 - 1200	BUR 128	
• 62755	TTH	200 - 330P	ECJ 1.202	HOAD, N
	M	100 - 200P	CAL 22	
• 62760	TTH	200 - 330P	ECJ 1.202	HOAD, N
	M	200 - 300P	CAL 22	
• 62765	TTH	200 - 330P	ECJ 1.202	HOAD, N
	M	300 - 400P	CAL 200	

IDEAS OF THE TWENTIETH CENTURY

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the great strides made by such thinkers as Einstein, Freud, and Wittgenstein in the twentieth-century despite the ravages of so many wars.

• 62770	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	800 - 900	MAI 220D	
• 62775	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	900 - 1000	MAI 220D	
• 62780	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	200 - 300P	CMA 3.108	
• 62785	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	200 - 300P	PAR 305	
• 62790	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	300 - 400P	CMA 3.108	
• 62795	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	300 - 400P	MAI 220C	
• 62800	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	300 - 400P	PAR 305	
• 62805	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	400 - 500P	MAI 220C	
• 62810	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	400 - 500P	PAR 305	
• 62815	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	500 - 600P	MAI 220C	

IDEAS OF THE TWENTIETH CENTURY

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the great strides made by such thinkers as Einstein, Freud, and Wittgenstein in the twentieth-century despite the ravages of so many wars. Restricted to students in the Core Texts and Idea s Program.

• 62820	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	1200 - 100P	CAL 323	

IDEAS OF THE TWENTIETH CENTURY

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the great strides made by such thinkers as Einstein, Freud, and Wittgenstein in the twentieth-century despite the ravages of so many wars. Restricted to students in the Texas Interdiscipli nary Plan.

• 62825	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	1000 - 1100	MAI 220D	
• 62830	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	1100 - 1200	CAL 323	
• 62835	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	100 - 200P	CAL 323	
• 62840	MWF	300 - 400P	JES A121A	BONEVAC, D
	TH	100 - 200P	CMA 3.108	

INTRO TO MUSIC AND FILM SOUND

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores terms and methods for analyzing and interpreting the soundtracks of films.

• 62845	TTH	330 - 500P	PAR 1	BUHLER, J
	M	1100 - 1200	MAI 220A	
	W	500 - 730P	PAR 1	
• 62850	TTH	330 - 500P	PAR 1	BUHLER, J
	M	1200 - 100P	MAI 220A	
	W	500 - 730P	PAR 1	
• 62855	TTH	330 - 500P	PAR 1	BUHLER, J
	F	1200 - 100P	MAI 220C	
	W	500 - 730P	PAR 1	
• 62860	TTH	330 - 500P	PAR 1	BUHLER, J
	F	100 - 200P	MAI 220C	
	W	500 - 730P	PAR 1	

March 9, 2018

JANE AUSTEN ON PAGE AND SCREEN

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Studies the works of Jane Austen on page and screen in the context of both the Regency's emergent celebrity culture as well as the author's rising literary celebrity today. Examines six novels, stu dies key films and dramatizations, and engages with new digital humanities projects and research toolkits that place Austen at the center.

• 62865	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	800 - 900	CAL 21	
• 62870	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	800 - 900	CAL 22	
• 62875	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	800 - 900	CAL 323	
• 62880	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	900 - 1000	CAL 21	
• 62885	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	900 - 1000	CAL 22	
• 62890	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	900 - 1000	CAL 323	
• 62895	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	1000 - 1100	CAL 21	
• 62900	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	1000 - 1100	CAL 22	
• 62905	TTH	930 - 1100	MEZ 1.306	BARCHAS, J
	W	1000 - 1100	CAL 323	

JERUSALEM

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Reviews the religious, political, and cultural history of Jerusalem. Incorporates literature, artifacts, architecture, geography, and iconography in order to explore the development of the city and how its sacred space and symbolic significance have been shaped by history.

• 62910	TTH	330 - 500P	CLA 0.112	KAPLAN, J
	M	900 - 1000	CMA 5.190	

JERUSALEM

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Surveys the often-tumultuous religious, political, and cultural history of Jerusalem over three millennia and examines its role as a symbolic focus for Judaism, Christianity, and Islam. Examines li terature, artifacts, architecture, geography, and iconography in order to explore the development of the city and how its sacred space and symbolic significance have been shaped by history.

• 62915	TTH	330 - 500P	CLA 0.112	KAPLAN, J
	F	900 - 1000	CLA 0.120	
• 62920	TTH	330 - 500P	CLA 0.112	KAPLAN, J
	M	1000 - 1100	CMA 5.190	
• 62925	TTH	330 - 500P	CLA 0.112	KAPLAN, J
	F	1000 - 1100	CLA 1.108	
• 62930	TTH	330 - 500P	CLA 0.112	KAPLAN, J
	M	1100 - 1200	CMA 5.190	
• 62935	TTH	330 - 500P	CLA 0.112	KAPLAN, J
	F	1100 - 1200	CLA 1.108	

LAT AMER ENVIR HIST/SUSTAINBL

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore the context of present day debates about sustainability and an overview of Latin America's environmental characteristics. Analyzes the long-term history of human use of environmental opport unities, environmental hazards, and human impact on the environment.

• 62940	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	200 - 300P	MAI 220D	
• 62945	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	300 - 400P	MAI 220D	

LAT AMER ENVIR HIST/SUSTAINBL

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Presents an overview of Latin America's environmental characteristics and the long-term history of human uses of environmental opportunities, environmental hazards, and human impacts on the environ ment.

• 62950	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	400 - 500P	MAI 220D	

LAT AMER ENVIR HIST/SUSTAINBL

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Within the context of present day debates about sustainability, course presents an overview of Latin America's environmental characteristics and the long-term history of human uses of environmental opportunities, environmental hazards, and human impacts on the environment.

• 62955	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	900 - 1000	MAI 220F	
• 62960	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	1000 - 1100	MAI 220F	
• 62965	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	1100 - 1200	MAI 220F	
• 62970	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	1200 - 100P	MAI 220F	
• 62975	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	100 - 200P	MAI 220F	
• 62980	MW	1200 - 100P	MEZ 1.306	KNAPP, G
	F	200 - 300P	MAI 220F	

LAW AND LITERATURE

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores legal themes such as ethics and morality, justice, equality, human rights, and crime and punishment found in fiction, plays, non-fiction and even movies. Emphasizes how these themes relate not only to the literary work, but also to modern legal and ethical issues.

• 62985	MW	330 - 500P	UTC 3.110	MURRAY, P
	F	800 - 900	MEZ 1.206	
• 62990	MW	330 - 500P	UTC 3.110	MURRAY, P
	F	900 - 1000	MEZ 1.206	
• 62995	MW	330 - 500P	UTC 3.110	MURRAY, P
	F	1000 - 1100	MEZ 1.206	
• 63000	MW	330 - 500P	UTC 3.110	MURRAY, P
	F	200 - 300P	JES A205A	
• 63005	MW	330 - 500P	UTC 3.110	MURRAY, P
	F	300 - 400P	JES A203A	
• 63010	MW	330 - 500P	UTC 3.110	MURRAY, P
	F	400 - 500P	JES A203A	

LAW, LIT/CONTEMP LEGAL DEBATES

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students.

• 63015	MW	900 - 1000	SZB 104	CHRISTIAN, G
	F	800 - 900	CMA 3.108	
• 63020	MW	900 - 1000	SZB 104	CHRISTIAN, G
	F	900 - 1000	CMA 3.108	
• 63025	MW	900 - 1000	SZB 104	CHRISTIAN, G
	F	1000 - 1100	CMA 3.108	
• 63030	MW	900 - 1000	SZB 104	CHRISTIAN, G
	F	100 - 200P	MEZ B0.302	
• 63035	MW	900 - 1000	SZB 104	CHRISTIAN, G
	F	200 - 300P	MEZ B0.302	
• 63040	MW	900 - 1000	SZB 104	CHRISTIAN, G
	F	300 - 400P	MEZ B0.302	

LOVE IN TIMES OF STRESS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections

April 3, 2025

may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the relations between the United States and Latin America during the Cold War through the works of Garcia Marquez. Explores the origins of narcotrafficking in Colombia and its effect in th e Americas through readings.

• 63045	TTH	330 - 500P	SZB 330	POLIT, G
	M	200 - 300P	MEZ 1.206	
• 63050	TTH	330 - 500P	SZB 330	POLIT, G
	M	300 - 400P	MEZ 1.206	
• 63055	TTH	330 - 500P	SZB 330	POLIT, G
	M	400 - 500P	MEZ 1.206	

MEDICAL ETHICS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Exposure to various cases and controversies in health care, while exploring the relevance of religion, politics, and economics, to explore value conflicts among individuals.

• 63060	T	200 - 400P	UTC 3.134	WINSLADE, W
	TH	800 - 900	MAI 220E	
• 63065	T	200 - 400P	UTC 3.134	WINSLADE, W
	TH	900 - 1000	MAI 220E	
• 63070	T	200 - 400P	UTC 3.134	WINSLADE, W
	TH	1000 - 1100	MAI 220E	
• 63075	T	200 - 400P	UTC 3.134	WINSLADE, W
	TH	1230 - 130P	MAI 220F	
• 63080	T	200 - 400P	UTC 3.134	WINSLADE, W
	TH	130 - 230P	MAI 220F	
• 63085	T	200 - 400P	UTC 3.134	WINSLADE, W
	TH	230 - 330P	MAI 220F	

MODERNITY AND ART OF UNCANNY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore the ways in which the bizarre and the unexpected feature in the art, music, literature and film of the last hundred years. Examine theory and practice of "creepiness" and pair each of the o lder texts with a newly alarming one from Bram Stoker's Dracula to the nightmares of Freud's patients in Vienna. Compare and contrast Oscar Wilde and Nine Inch Nails; The Ring and The Grudge; Salvador Dali and The Ma trix.

• 63090	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	800 - 900	CAL 323	
• 63095	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	900 - 1000	CAL 323	
• 63100	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	1000 - 1100	CBA 4.336	
• 63105	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	1200 - 100P	SZB 434	
• 63110	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	100 - 200P	CAL 323	
• 63115	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	100 - 200P	GDC 5.304	
• 63120	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	200 - 300P	CAL 323	
• 63125	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	200 - 300P	GDC 5.304	
• 63130	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	200 - 300P	SZB 284	
• 63135	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	200 - 300P	UTC 4.120	

MODERNITY AND ART OF UNCANNY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore the ways in which the bizarre and the unexpected feature in the art, music, literature and film of the last hundred years. Examine theory and practice of "creepiness" and pair each of the o lder texts with a newly alarming one from Bram Stoker's Dracula to the nightmares of Freud's patients in Vienna. Compare and contrast Oscar Wilde and Nine Inch Nails; The Ring and The Grudge; Salvador Dali and The Ma trix. Restricted to students in the Texas Interdisciplinary Plan.

• 63140	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	900 - 1000	CAL 21	
• 63145	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	900 - 1000	CBA 4.336	
• 63150	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	1000 - 1100	CAL 323	
• 63155	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	100 - 200P	SZB 434	
• 63160	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	100 - 200P	UTC 4.120	
• 63165	MW	200 - 300P	FAC 21	RICHMOND-GARZA, E
	F	300 - 400P	SZB 284	

MOVIES FROM DOWN UNDER

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines Australia as an island, a country, and a continent possessed of a fascinating history. Analyzes Australian cinema as those experiences of indigenous peoples and European settlement. Explor es the relationship between the films and history, both political and cultural.

• 63170	TTH	200 - 330P	PAR 1	BERRY, B
	W	200 - 300P	MAI 220A	
• 63175	TTH	200 - 330P	PAR 1	BERRY, B
	W	300 - 400P	MAI 220A	
• 63180	TTH	200 - 330P	PAR 1	BERRY, B
	W	400 - 500P	MAI 220A	

MUSIC, PROTEST, SOC MOVMNTS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines the role of music in political mobilization. Explores how music is usually thought of as a form of entertainment, having little or no relation to the 'serious' work of politics and the num erous ways in which music may be enlisted to help effect social change.

• 63185	TTH	930 - 1100	MRH 2.614	DROTT, E
	F	200 - 300P	MAI 220E	
• 63190	TTH	930 - 1100	MRH 2.614	DROTT, E
	F	300 - 400P	MAI 220E	
• 63195	TTH	930 - 1100	MRH 2.614	DROTT, E
	F	400 - 500P	MAI 220E	

NANOTECH DEMYSTIFIED

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Delivers an overview of the field of nanotechnology. Explores how extreme miniaturization trends will likely transform the way people learn, live, work, and engage in the world around them.

• 63200	TTH	330 - 500P	ECJ 1.308	SREENIVASAN, S
	W	1100 - 1200	MAI 220B	
• 63205	TTH	330 - 500P	ECJ 1.308	SREENIVASAN, S
	W	1200 - 100P	MAI 220B	
• 63210	TTH	330 - 500P	ECJ 1.308	SREENIVASAN, S
	W	100 - 200P	MAI 220B	

NEWS LITERACY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description:Analyzes how goals of media literacy have traditionally included teaching the ability to decode media messages and understand the media system producing them. Addresses these goals by examining the traditional modes of journalistic knowledge production--including both strengths and historical blind spots--emphasizing contemporary problems (and opportunities) for journalism.

• 63215	MW	800 - 900	CAL 100	REESE, S
	F	800 - 900	BEN 1.106	
• 63220	MW	800 - 900	CAL 100	REESE, S
	TH	900 - 1000	CAL 419	
• 63225	MW	800 - 900	CAL 100	REESE, S
	F	900 - 1000	BEN 1.106	
• 63230	MW	800 - 900	CAL 100	REESE, S
	TH	1000 - 1100	CAL 419	
• 63235	MW	800 - 900	CAL 100	REESE, S
	F	1000 - 1100	MEZ 2.122	
• 63240	MW	800 - 900	CAL 100	REESE, S
	TH	1100 - 1200	CAL 419	

April 2, 2010

NO CHEERING IN THE PRESSBOX

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the evolution of sports coverage in the media.Acquaints students with the diversity of modern sports media, prepares them to analyze that content as critical consumers, critiques the profe ssion that provides their sports news, introduces them to the history of sports media and explores the fundamental shifts of sports news that broadened coverage beyond contest coverage to social issues of race, class , gender and labor.

• 63245	TTH	330 - 500P	GEA 105	ROBBINS, K
	W	1200 - 100P	MAI 220D	
• 63250	TTH	330 - 500P	GEA 105	ROBBINS, K
	W	100 - 200P	MAI 220D	
• 63255	TTH	330 - 500P	GEA 105	ROBBINS, K
	M	200 - 300P	MAI 220A	
• 63260	TTH	330 - 500P	GEA 105	ROBBINS, K
	W	200 - 300P	MAI 220D	
• 63265	TTH	330 - 500P	GEA 105	ROBBINS, K
	W	300 - 400P	MAI 220C	
• 63270	TTH	330 - 500P	GEA 105	ROBBINS, K
	M	400 - 500P	MAI 220A	
• 63275	TTH	330 - 500P	GEA 105	ROBBINS, K
	W	400 - 500P	MAI 220C	

NO CHEERING IN THE PRESSBOX

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic Description: Examines the evolution of sports coverage in the media and acquaints students with the diversity of modern sports media through analyzing content as critical consumers.

• 63280	TTH	330 - 500P	GEA 105	ROBBINS, K
	M	300 - 400P	MAI 220A	
• 63285	TTH	330 - 500P	GEA 105	ROBBINS, K
	W	500 - 600P	MAI 220C	

ORIGINALITY IN ARTS/SCIS-HON

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Introducing traditions established in the arts and sciences for generating new knowledge from original ideas. Restricted to students in the College of Natural Sciences Dean's Scholars, Health Scien ce Scholars, and Polymathic Scholars programs.

• 63290	MWF	1000 - 1100	GEA 105	DE LOZANNE, A
	M	600 - 800P	GEA 127	
• 63295	MWF	1000 - 1100	GEA 105	DE LOZANNE, A
	T	600 - 800P	GEA 127	
• 63300	MWF	1000 - 1100	GEA 105	DE LOZANNE, A
	T	600 - 800P	WAG 208	
• 63305	MWF	1000 - 1100	GEA 105	DE LOZANNE, A
	W	600 - 800P	GEA 127	
• 63310	MWF	1000 - 1100	GEA 105	DE LOZANNE, A
	W	600 - 800P	WAG 208	
• 63315	MWF	1000 - 1100	GEA 105	DE LOZANNE, A
	TH	600 - 800P	GEA 127	

PLAYING AND WRITING

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores how writing will be a component of almost all contemporary lives, but too often we find writing to be a chore. Uses a study of play and play cultures to teach writing. Analyzes writing as another form of human playfulness, inviting wordplay and inventive use of language into their work, while seeing the rules of grammar as helpful scoring system and in invitation to greater creativity.

• 63320	TTH	1100 - 1230P	PAR 301	LYNN, K
	W	1000 - 1100	MAI 220E	
• 63325	TTH	1100 - 1230P	PAR 301	LYNN, K
	W	1100 - 1200	MAI 220E	
• 63330	TTH	1100 - 1230P	PAR 301	LYNN, K
	W	1200 - 100P	MAI 220E	
• 63335	TTH	1100 - 1230P	PAR 301	LYNN, K
	W	100 - 200P	MAI 220E	

POPULAR CULTURE AND THE MEDIA

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Analyzes popular culture and media, allowing students to reflect on aspects of day-to-day life that many take for granted.

• 63340	TTH	930 - 1100	BUR 220	COLEMAN, R
	W	800 - 900	MAI 220E	
• 63345	TTH	930 - 1100	BUR 220	COLEMAN, R
	W	900 - 1000	MAI 220E	
• 63350	TTH	930 - 1100	BUR 220	COLEMAN, R
	W	1200 - 100P	MAI 220C	
• 63355	TTH	930 - 1100	BUR 220	COLEMAN, R
	W	100 - 200P	MAI 220C	

RACE IN THE AGE OF TRUMP

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Restricted to students in the Gateway Scholars program.

• 63360	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	100 - 200P	GAR 2.128	
• 63365	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	200 - 300P	JES A207A	
• 63370	MW	100 - 200P	BEL 328	MOORE, L
	F	1200 - 100P	CAL 221	
• 63375	MW	100 - 200P	BEL 328	MOORE, L
	F	1200 - 100P	GAR 2.128	
• 63380	MW	100 - 200P	BEL 328	MOORE, L
	F	100 - 200P	CAL 221	
• 63385	MW	100 - 200P	BEL 328	MOORE, L
	F	100 - 200P	JES A207A	
• 63390	MW	100 - 200P	BEL 328	MOORE, L
	F	200 - 300P	CAL 221	

RACE IN THE AGE OF TRUMP

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Restricted to students in the Gateway Scholars Program.

• 63395	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	800 - 900	JES A207A	
• 63400	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	900 - 1000	CAL 221	
• 63405	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	900 - 1000	JES A207A	
• 63410	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	1000 - 1100	CAL 200	
• 63415	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	1000 - 1100	JES A203A	
• 63420	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	1100 - 1200	CAL 22	
• 63425	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	1200 - 100P	BUR 128	
• 63430	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	1200 - 100P	CAL 419	
• 63435	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	1200 - 100P	JES A207A	
• 63440	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	100 - 200P	BUR 128	
• 63445	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	100 - 200P	CAL 419	
• 63450	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	200 - 300P	BUR 128	
• 63455	MW	1200 - 100P	WCH 1.120	MOORE, L
	F	200 - 300P	CAL 419	
• 63460	MW	100 - 200P	BEL 328	MOORE, L
	F	800 - 900	JES A205A	
• 63465	MW	100 - 200P	BEL 328	MOORE, L
	F	800 - 900	PAR 310	
• 63470	MW	100 - 200P	BEL 328	MOORE, L
	F	900 - 1000	UTC 3.120	
• 63475	MW	100 - 200P	BEL 328	MOORE, L
	F	1000 - 1100	JES A205A	
• 63480	MW	100 - 200P	BEL 328	MOORE, L
	F	1100 - 1200	BUR 228	

April 3, 2018

course	unique	days	time	room	instructor
	• 63485	MW	100 - 200P	BEL 328	MOORE, L
		F	1200 - 100P	BUR 228	
	• 63490	MW	100 - 200P	BEL 328	MOORE, L
		F	100 - 200P	BUR 228	

RACE IN THE AGE OF TRUMP

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Restricted to students in the McCombs Success Scholars Program.

course	unique	days	time	room	instructor
	• 63495	MW	100 - 200P	BEL 328	MOORE, L
		F	1000 - 1100	PAR 210	

RACE IN THE AGE OF TRUMP

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Restricted to students in Gateway Scholars Program.

course	unique	days	time	room	instructor
	• 63500	MW	100 - 200P	BEL 328	MOORE, L
		F	900 - 1000	PAR 310	
	• 63505	MW	100 - 200P	BEL 328	MOORE, L
		F	1100 - 1200	GAR 2.128	

RETHINKING THE FOUNDING

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore and reflect on the Revolution, the Articles of Confederation, and the Constitution and the formation of the government of the United States. Investigate the local and global politics of the time.

course	unique	days	time	room	instructor
	• 63510	MW	1100 - 1200	UTC 1.118	SPARROW, B
		F	1100 - 1200	RLM 6.112	
	• 63515	MW	1100 - 1200	UTC 1.118	SPARROW, B
		F	1200 - 100P	RLM 6.112	
	• 63520	MW	1100 - 1200	UTC 1.118	SPARROW, B
		F	100 - 200P	RLM 6.112	

ROAD MOVIES, QUIXOTIC JOURNEYS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students.

course	unique	days	time	room	instructor
	• 63525	TTH	330 - 500P	SZB 296	REED, C
		F	900 - 1000	MAI 220B	

ROAD MOVIES, QUIXOTIC JOURNEYS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines road movies and some of their literary antecedents, most notably Don Quixote. Delves into the development of modern culture, politics, gender, and social justice through examples from lite rature and film, as students reflect on current events, our own place in society, and the transition to University life as they relate to our ongoing journeys of discovery.

course	unique	days	time	room	instructor
	• 63530	TTH	330 - 500P	SZB 296	REED, C
		F	800 - 900	MAI 220B	
	• 63535	TTH	330 - 500P	SZB 296	REED, C
		M	100 - 200P	MAI 220D	
	• 63540	TTH	330 - 500P	SZB 296	REED, C
		M	200 - 300P	MAI 220D	

SCIENTF INQUIRY: IMAGINATIVE

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Scientific inquiry across disciplines: Imaginative. Topic description: Studies building conceptual models, thinking like a scientist, conducting quantitative analyses, and critiquing and presenting resul ts through a series of inquiries. Restricted to students in the Freshmen Research Initiative.

course	unique	days	time	room	instructor
	• 63545	MWF	1000 - 1100	SZB 330	POTEET, M
		T	1230 - 330P	BME 2.506	
	• 63550	MWF	1000 - 1100	SZB 330	POTEET, M
		M	300 - 600P	BME 2.506	
	• 63555	MWF	200 - 300P	SZB 296	POTEET, M
		TH	1230 - 330P	BME 2.506	
	• 63560	MWF	200 - 300P	SZB 296	POTEET, M
		M	600 - 900P	BME 2.506	

SCIENTF INQUIRY: INVESTIGATIVE

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Scientific inquiry across disciplines: Investigative. Topic description: Studies building conceptual models, thinking like a scientist, conducting quantitative analyses, and critiquing and presenting res ults through a series of inquiries. Restricted to students in the Freshmen Research Initiative.

course	unique	days	time	room	instructor
	• 63565	TTH	800 - 930	WRW 113	HANSEN, A
		T	930 - 1230P	BME 2.506	
	• 63570	TTH	800 - 930	WRW 113	HANSEN, A
		TH	930 - 1230P	BME 2.506	
	• 63575	MWF	900 - 1000	PAR 201	HANSEN, A
		W	1200 - 300P	BME 2.512	
	• 63580	MWF	900 - 1000	PAR 201	HANSEN, A
		W	300 - 600P	BME 2.512	

SCIENTIF INQUIRY: INGENUITY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Scientific inquiry across disciplines: Inspiration. Topic description: Studies building conceptual models, thinking like a scientist, conducting quantitative analyses, and critiquing and presenting resul ts through a series of inquiries. Restricted to students in the Freshmen Research Initiative.

course	unique	days	time	room	instructor
	• 63585	MWF	1000 - 1100	SZB 296	REICHLER, S
		W	1200 - 300P	BME 2.506	
	• 63590	MWF	1000 - 1100	SZB 296	REICHLER, S
		W	300 - 600P	BME 2.506	

SCIENTIFIC INQUIRY: INGENUITY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Scientific inquiry across disciplines: Ingenuity. Topic description: Studies building conceptual models, thinking like a scientist, conducting quantitative analyses, and critiquing and presenting results through a series of inquiries. Restricted to students in the Freshmen Research Initiative.

course	unique	days	time	room	instructor
	• 63595	MWF	900 - 1000	CBA 4.348	REICHLER, S
		TH	330 - 630P	BME 2.506	
	• 63600	MWF	900 - 1000	CBA 4.348	REICHLER, S
		TH	630 - 930P	BME 2.506	

SCIENTIFIC INQUIRY: INNOVATION

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Scientific inquiry across disciplines: Innovation. Topic description: Studies building conceptual models, thinking like a scientist, conducting quantitative analyses, and critiquing and presenting result s through a series of inquiries.

course	unique	days	time	room	instructor
	• 63605	MWF	100 - 200P	SZB 296	GONZALEZ, L
		TH	1230 - 330P	BME 2.512	
	• 63610	MWF	100 - 200P	SZB 296	GONZALEZ, L
		TH	330 - 630P	BME 2.512	

SCIENTIFIC INQUIRY: INVENTIVE

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic title: Scientific inquiry across disciplines: Inventive. Topic description: Studies building conceptual models, thinking like a scientist, conducting quantitative analyses, and critiquing and presenting results through a series of inquiries. Restricted to students in the Freshmen Research Initiative.

course	unique	days	time	room	instructor
	• 63615	TTH	800 - 930	BUR 130	SHEAR, R
		M	1200 - 300P	BME 2.506	
	• 63620	TTH	800 - 930	BUR 130	SHEAR, R
		T	630 - 930P	BME 2.506	

April 3, 2018

course	unique	days	time	room	instructor
	• 63625	TTH	1100 - 1230P	BUR 130	SHEAR, R
		T	330 - 630P	BME 2.506	
	• 63630	TTH	1100 - 1230P	BUR 130	SHEAR, R
		W	600 - 900P	BME 2.506	

SLEEP: ARE WE GETTING ENOUGH

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores sleep patterns and the impact of sleep on physical and emotional health, behaviors, and performance abilities.

• 63635	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	800 - 900	MAI 220C	
• 63640	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	900 - 1000	MAI 220C	
• 63645	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	900 - 1000	MAI 220E	
• 63650	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	1000 - 1100	MAI 220C	
• 63655	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	1000 - 1100	MAI 220E	
• 63660	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	1100 - 1200	MAI 220E	
• 63665	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	1200 - 100P	MAI 220E	
• 63670	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	100 - 200P	MAI 220E	
• 63675	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	200 - 300P	MAI 220E	
• 63680	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	200 - 300P	MAI 220F	
• 63685	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	300 - 400P	MAI 220F	
• 63690	TTH	930 - 1100	GAR 0.102	CARTER, P
	M	400 - 500P	MAI 220F	

SOCIAL MOVEMENTS IN THE US

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Analyzes the connections between academic and community-driven solutions to some of today's most intractable social problems, particularly those structured by race, gender and class inequality. Ser ves as an introduction to social movement theory. Provides students the opportunity to closely examine contemporary social movements that are addressing the issues discussed throughout the semester.

• 63695	TTH	200 - 330P	SZB 296	TANG, E
	W	800 - 900	MAI 220A	
• 63700	TTH	200 - 330P	SZB 296	TANG, E
	W	900 - 1000	MAI 220A	
• 63705	TTH	200 - 330P	SZB 296	TANG, E
	W	1000 - 1100	MAI 220A	

SOCIAL SCIENTIFIC IMAGINATION

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Introduction to some of the most relevant, controversial, and puzzling issues in contemporary social sciences: residential segregation, social inequality, contentious collective action, and everyda y violence.

• 63710	TTH	930 - 1100	CLA 0.128	AUYERO, J
	W	800 - 900	MAI 220F	
• 63715	TTH	930 - 1100	CLA 0.128	AUYERO, J
	W	900 - 1000	MAI 220F	
• 63720	TTH	930 - 1100	CLA 0.128	AUYERO, J
	W	1000 - 1100	MAI 220F	
• 63725	TTH	930 - 1100	CLA 0.128	AUYERO, J
	W	1100 - 1200	MAI 220F	
• 63730	TTH	930 - 1100	CLA 0.128	AUYERO, J
	W	1200 - 100P	MAI 220F	
• 63735	TTH	930 - 1100	CLA 0.128	AUYERO, J
	W	100 - 200P	MAI 220F	

SPECTACLE AS A POLITICAL TOOL

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines the elements of spectacle and how they are used to move people to action, whether that action be destructive or for the common good of society.

• 63740	MW	900 - 1000	CLA 1.106	SANCHEZ, K
	F	800 - 900	MAI 220A	
• 63745	MW	900 - 1000	CLA 1.106	SANCHEZ, K
	F	900 - 1000	MAI 220A	
• 63750	MW	900 - 1000	CLA 1.106	SANCHEZ, K
	F	1000 - 1100	CBA 4.346	
• 63754	MW	900 - 1000	CLA 1.106	SANCHEZ, K
	F	1100 - 1200	CBA 4.346	

STRESS MANAGEMENT

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores stress and its effect on health, productivity and quality of life. Aims to characterize the many factors that contribute to feeling constantly stressed as individuals and collectively as a society and to identify effective strategies for keeping stress in check. Addresses life skills for managing stress.

• 63755	TTH	1100 - 1230P	NUR 1.112	SCHNYER, R
	M	800 - 900	MAI 220A	
• 63760	TTH	1100 - 1230P	NUR 1.112	SCHNYER, R
	M	900 - 1000	MAI 220A	
• 63765	TTH	1100 - 1230P	NUR 1.112	SCHNYER, R
	M	1000 - 1100	MAI 220A	
• 63770	TTH	1100 - 1230P	NUR 1.112	SCHNYER, R
	M	1100 - 1200	MAI 220B	
• 63775	TTH	1100 - 1230P	NUR 1.112	SCHNYER, R
	M	1200 - 100P	MAI 220B	
• 63780	TTH	1100 - 1230P	NUR 1.112	SCHNYER, R
	M	100 - 200P	MAI 220B	

SUSTAINING A PLANET

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Overview of the three main pillars of sustainability: economy, societal equity, and environment.

• 63785	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	W	800 - 930	JGB 2.308	
• 63790	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	TH	800 - 930	JGB 2.308	
• 63795	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	F	800 - 930	JGB 2.308	
• 63800	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	M	930 - 1100	JGB 2.308	
• 63805	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	T	930 - 1100	JGB 2.308	
• 63810	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	TH	930 - 1100	JGB 2.308	
• 63815	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	F	930 - 1100	JGB 2.308	
• 63820	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	T	1100 - 1230P	JGB 2.308	
• 63825	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	TH	1100 - 1230P	JGB 2.308	
• 63830	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	M	1230 - 200P	JGB 2.308	
• 63835	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	T	1230 - 200P	JGB 2.308	
• 63840	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	W	1230 - 200P	JGB 2.308	
• 63845	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	TH	1230 - 200P	JGB 2.308	
• 63850	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	F	1230 - 200P	JGB 2.308	
• 63855	MWF	1100 - 1200	JGB 2.324	ALLEN, D
	T	500 - 630P	JGB 2.308	

THE CHALLENGE OF THE GREEKS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines debates about the meaning of justice, virtue, responsible leadership, and the good life that began in ancient Greece and are still relevant today. Discusses different views on what a healt hy

society looks like and the extent to which reason can give guidance for life, individually and collectively.

• 63860	MW	1200 - 100P	MEZ B0.306	PANGLE, T
	F	1100 - 1200	MAI 220A	
• 63865	MW	1200 - 100P	MEZ B0.306	PANGLE, T
	F	1200 - 100P	MAI 220A	
• 63870	MW	1200 - 100P	MEZ B0.306	PANGLE, T
	F	100 - 200P	MAI 220A	
• 63875	MW	1200 - 100P	MEZ B0.306	PANGLE, T
	F	200 - 300P	MAI 220A	
• 63880	MW	1200 - 100P	MEZ B0.306	PANGLE, T
	F	300 - 400P	MAI 220A	
• 63885	MW	1200 - 100P	MEZ B0.306	PANGLE, T
	F	400 - 500P	MAI 220A	

THE DR/PATIENT RELATIONSHIP

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the doctor-patient relationship from the perspectives of patient autonomy, informed consent, and collaboration in decision-making. Considers the role of religious beliefs, the effect of go vernment mandated health care policy, and the physician's responsibility as an advocate for a healthy environment and health as a human right.

• 63890	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	800 - 900	GDC 2.410	
• 63895	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	900 - 1000	GDC 2.410	
• 63900	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	1000 - 1100	CBA 4.338	
• 63905	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	1000 - 1100	GDC 2.410	
• 63910	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	1100 - 1200	CBA 4.338	
• 63915	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	1200 - 100P	CBA 4.338	
• 63920	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	100 - 200P	CBA 4.340	
• 63925	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	200 - 300P	CBA 4.340	
• 63930	TTH	330 - 500P	GAR 0.102	SONNENBERG, S
	M	300 - 400P	CBA 4.340	

THE EUROPEAN FOLK TALE

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic Description: Explores a number of European and European-derived narratives of the human experience through folklore, songs and film.

• 63935	MW	300 - 400P	BUR 130	STRAUBHAAR, S
	TH	900 - 1000	MAI 220A	
• 63940	MW	300 - 400P	BUR 130	STRAUBHAAR, S
	TH	1000 - 1100	MAI 220A	
• 63945	MW	300 - 400P	BUR 130	STRAUBHAAR, S
	F	300 - 400P	MAI 220C	
• 63950	MW	300 - 400P	BUR 130	STRAUBHAAR, S
	F	400 - 500P	MAI 220C	

THE PREHISTORY OF FOOD

Designed to accommodate 100 or more students. Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores the origins of hunting, the early beginnings of cooking, and how the very process of producing foods rather than hunting and gathering them changed humanity as much as it changed the foods we grew.

• 63955	MW	100 - 200P	UTC 4.110	ROSEN, A
	F	1100 - 1200	MAI 220B	
• 63960	MW	100 - 200P	UTC 4.110	ROSEN, A
	F	1200 - 100P	MAI 220B	
• 63965	MW	100 - 200P	UTC 4.110	ROSEN, A
	F	100 - 200P	MAI 220B	
• 63970	MW	100 - 200P	UTC 4.110	ROSEN, A
	F	200 - 300P	PAR 210	
• 63975	MW	100 - 200P	UTC 4.110	ROSEN, A
	F	300 - 400P	PAR 210	
• 63980	MW	100 - 200P	UTC 4.110	ROSEN, A
	F	400 - 500P	PAR 210	

US FOREIGN POLICY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Examines American foreign policy from 1945 to the present and beyond. Focuses on how Americans have defined and redefined the country's national interest. Restricted to first-year transfer students .

• 63985	MW	1100 - 1200	UTC 4.122	BRANDS, H
	F	800 - 900	MAI 220E	
• 63990	MW	1100 - 1200	UTC 4.122	BRANDS, H
	F	900 - 1000	MAI 220E	
• 63995	MW	1100 - 1200	UTC 4.122	BRANDS, H
	F	1000 - 1100	MAI 220E	
• 64000	MW	1100 - 1200	UTC 4.122	BRANDS, H
	F	1100 - 1200	MAI 220E	
• 64005	MW	1100 - 1200	UTC 4.122	BRANDS, H
	F	1200 - 100P	MAI 220E	
• 64010	MW	1100 - 1200	UTC 4.122	BRANDS, H
	F	100 - 200P	MAI 220E	

US PUBLIC ED: PROMISE/PERIL

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Addresses the historical, cultural, ideological, and social context of schooling in the United States

• 64015	TTH	330 - 500P	GSB 2.124	FOSTER, K
	T	800 - 900	MAI 220E	
• 64020	TTH	330 - 500P	GSB 2.124	FOSTER, K
	T	900 - 1000	MAI 220E	

US PUBLIC ED: PROMISE/PERIL

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Addresses the historical, cultural, ideological, and social context of schooling in the United States.

• 64025	TTH	330 - 500P	GSB 2.124	FOSTER, K
	M	400 - 500P	MAI 220E	

US PUBLIC ED: PROMISE/PERIL

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Addresses the historical, cultural, ideological, and social contexts of schooling in the United States.

• 64030	TTH	330 - 500P	GSB 2.124	FOSTER, K
	T	1000 - 1100	MAI 220E	
• 64035	TTH	330 - 500P	GSB 2.124	FOSTER, K
	M	300 - 400P	MAI 220C	
• 64040	TTH	330 - 500P	GSB 2.124	FOSTER, K
	M	300 - 400P	MAI 220E	
• 64045	TTH	330 - 500P	GSB 2.124	FOSTER, K
	M	400 - 500P	MAI 220C	
• 64050	TTH	330 - 500P	GSB 2.124	FOSTER, K
	M	500 - 600P	MAI 220C	
• 64055	TTH	330 - 500P	GSB 2.124	FOSTER, K
	M	500 - 600P	MAI 220E	

US-MEXICO RELATIONS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Introduces 20th-century political and economic development in Mexico and considers cross-border flows including trade, immigration and drug trafficking. Highlights both the problems and benefits of international relations.

• 64060	TTH	1100 - 1230P	UTC 4.124	GREENE, K
	M	800 - 900	MAI 220F	
• 64065	TTH	1100 - 1230P	UTC 4.124	GREENE, K
	M	900 - 1000	MAI 220F	
• 64070	TTH	1100 - 1230P	UTC 4.124	GREENE, K
	M	1000 - 1100	MAI 220F	

March 3, 2018

course	unique	days	time	room	instructor
	• 64075	TTH	1100 - 1230P	UTC 4.124	GREENE, K
		M	1100 - 1200	MAI 220F	
	• 64080	TTH	1100 - 1230P	UTC 4.124	GREENE, K
		M	1200 - 100P	MAI 220F	
	• 64085	TTH	1100 - 1230P	UTC 4.124	GREENE, K
		M	100 - 200P	MAI 220F	

VISUAL SOCIOLOGY

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explores how the sociological study of age-graded social life provides rich material to think about and use images as a form of social data. Examines and uses photographs and film to investigate an d communicate an understandings of the life course and its relation to social inequality.

• 64090	TTH	1230 - 200P	UTC 4.134	PETTIT, E
	W	800 - 900	MAI 220C	
• 64095	TTH	1230 - 200P	UTC 4.134	PETTIT, E
	W	900 - 1000	MAI 220C	
• 64100	TTH	1230 - 200P	UTC 4.134	PETTIT, E
	W	1000 - 1100	MAI 220C	
• 64105	TTH	1230 - 200P	UTC 4.134	PETTIT, E
	W	200 - 300P	MAI 220F	
• 64110	TTH	1230 - 200P	UTC 4.134	PETTIT, E
	W	300 - 400P	MAI 220F	
• 64115	TTH	1230 - 200P	UTC 4.134	PETTIT, E
	W	400 - 500P	MAI 220F	

VOYAGES THAT CHANGED THE WORLD

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Explore the centuries old human drive to travel and explore the known and unknown world, as well as the ways in which such foundational journeys can become sites of contested meaning.

• 64120	MW	200 - 300P	BUR 220	BELGUM, K
	TH	900 - 1000	GDC 2.502	
• 64125	MW	200 - 300P	BUR 220	BELGUM, K
	TH	1000 - 1100	GDC 2.502	
• 64130	MW	200 - 300P	BUR 220	BELGUM, K
	F	1100 - 1200	WAG 308	
• 64135	MW	200 - 300P	BUR 220	BELGUM, K
	F	1200 - 100P	WAG 208	

WOMEN AND MADNESS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Analyzes how students are increasingly confronted with statistics about the rise of mental illness in our society. Interrogates these alarming assertions by examining the ways in which Western soci ety has understood mental illness over the past 200 years, through the stories of women who have experienced mental illness.

• 64140	MW	900 - 1000	WAG 201	GULBAS, L
	F	800 - 900	MAI 220C	
• 64145	MW	900 - 1000	WAG 201	GULBAS, L
	F	900 - 1000	MAI 220C	
• 64150	MW	900 - 1000	WAG 201	GULBAS, L
	F	1000 - 1100	MAI 220C	

WORLDS OF HIP HOP

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic Description: Explore how a black diasporic art form transformed and continues to influence our thinking about politics and art today.

• 64155	MW	1200 - 100P	BUR 134	MAKALANI, M
	F	1200 - 100P	CMA 3.108	
• 64160	MW	1200 - 100P	BUR 134	MAKALANI, M
	F	100 - 200P	CMA 3.108	
• 64165	MW	1200 - 100P	BUR 134	MAKALANI, M
	F	200 - 300P	CMA 3.108	

YOUNG PEOPLE AND DRUGS

Large-group lecture and discussion class focusing on a contemporary issue. Designed to introduce undergraduates to scholarly analysis from an interdisciplinary perspective. Includes an introduction to University resources, such as research facilities, museums, and attendance at University lectures or performances as assigned. Multiple sections may be offered in the fall and spring with various topics and instructors. Only one of the following may be counted: Tutorial Course 302, Undergraduate Studies 302, 303. Restricted to first-year students. Topic description: Addresses physiological, psychosocial, and cultural aspects of psychoactive substances in relation to adolescents, adolescent assessment, and special characteristics of adolescents in diverse popu lation groups, particularly those at high risk.

course	unique	days	time	room	instructor
	• 64170	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	1200 - 100P	SSW 2.116	
	• 64175	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	1200 - 100P	SSW 2.118	
	• 64180	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	1200 - 100P	SSW 2.122	
	• 64185	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	100 - 200P	SSW 2.116	
	• 64190	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	100 - 200P	SSW 2.118	
	• 64195	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	100 - 200P	SSW 2.122	
	• 64200	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	200 - 300P	SSW 2.116	
	• 64205	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	200 - 300P	SSW 2.118	
	• 64210	TTH	200 - 300P	SSW 2.106	HOLLERAN, L
		F	200 - 300P	SSW 2.122	

UGS 107D 2-EXPLORING CAREERS/MAJORS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Topics in undergraduate major and course exploration. Aimed at undeclared students who are choosing a major or in the early stages of career exploration. Learn skills to make an informed and meaningful career decision and begin the process of career development. Use self-exploration activities and learn about resources to identify majors and careers that fit with their values, interests, personality and skills. Explores professional skills such as resume writing and internship planning to continue career development strategies. Restricted to students in the School of Undergraduate Studies.

• 64215	W	1100 - 1230P	SZB 524	ABRAHAM, L
• 64220	W	330 - 500P	SZB 524	ABRAHAM, L

UGS 310K UNDERGRAD RESEARCH EXPERIENCE

Hour(s) to be arranged. May be repeated for credit. Supervised research with a faculty member. Research may consist of an individual project or assisting a faculty research project. Undergraduate Studies 110K and 110 may not both be counted. May be takensix times for credit. Restricted to freshmen and sophomores. Prerequisite: Consent of the undergraduate studies research coordinator.

• 64225

UGS 311 UNDERGRAD INTRNSHP EXPERIENCE

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised internship experience. Internships may be on or off campus, be paid or unpaid, and may include work with nonprofit agencies, government offices, or private corporations. Prerequisite: Consent of the undergraduate studies research coordinator.

• 64230

UGS 312 RESEARCH METHODS

Course number may be repeated for credit when the topics vary. Interdisciplinary introduction to research methods, designed to lead students through the process of designing an undergraduate research project. Prerequisite: Consent of the undergraduate research coordinator. Restricted to students in the McNair Scholars Program.

• 64235	W	500 - 800P	MAI 220D	JIMENEZ, R

UGS 114M FUNDAMENTALS

Offered on the letter-grade basis only. May be repeated for credit. Learn skills to increase academic potential. A specialized course facilitated by a Learning Specialist from the Sanger Learning Center designed to support students experiencing academic difficulty by providing structured academic support. Restricted to students in the School of Undergraduate Studies. Prerequisite: Referral from academic advisor.

• 64240	WF	900 - 1000	SZB 434	ABRAHAM, L
• 64245	MW	400 - 500P	SZB 434	ABRAHAM, L

UGS 017 FIRST-YEAR CONNECTION SEMINAR

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program.

• 64250	W	300 - 500P	FAC 211D	KASCHNER, L

FIRST-YEAR CONNECTION SMNR-CNS

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program.

• 64255	TH	330 - 430P	GDC 2.502	BOOTH, M

FIRST-YEAR CONNECTION SMNR-CNS

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to College of Natural Sciences students.

• 64260	T	1100 - 1200	WAG 112	BOOTH, M
• 64265	W	1200 - 100P	GDC 2.402	BOOTH, M
• 64270	W	1200 - 100P	GDC 2.502	BOOTH, M

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course	unique	days	time	room	instructor
	• 64275	W	1200 - 100P	GDC 5.304	BOOTH, M

FIRST-YEAR CONNECTION SMNR-CNS

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to College of Natural Sciences students.

• 64280	T	200 - 300P	GDC 2.502	BOOTH, M
• 64285	W	100 - 200P	GDC 1.406	BOOTH, M

FIRST-YEAR CONNECTION SMNR-CNS

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to College of Natural Sciences students.

• 64290	W	100 - 200P	GDC 5.304	BOOTH, M
• 64295	W	200 - 300P	GDC 2.402	BOOTH, M
• 64300	W	200 - 300P	WAG 208	BOOTH, M
• 64305	W	300 - 400P	CLA 0.118	BOOTH, M

FIRST-YEAR CONNECTION SMNR-CNS

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to College of Natural Sciences students.

• 64310	W	300 - 400P	GDC 2.502	ROBERTS, D

FIRST-YEAR CONNECTION SMNR-CNS

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to College of Natural Sciences students.

• 64315	TH	300 - 400P	GDC 2.210	BOOTH, M

FIRST-YEAR CONNECTION SMNR-CNS

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to College of Natural Sciences students.

• 64320	TH	330 - 430P	GDC 2.410	BOOTH, M

FIRST-YEAR CONNECTION SMNR-CNS

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to College of Natural Sciences students.

• 64325	T	400 - 500P	GDC 2.502	BOOTH, M
• 64330	W	400 - 500P	GDC 5.304	BOOTH, M
• 64335	TH	400 - 500P	GDC 2.402	BOOTH, M

FIRST-YEAR CONNECTION SMNR-CNS

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to College of Natural Sciences students.

• 64337	W	200 - 300P	CLA 1.108	ROBERTS, D
• 64338	W	1100 - 1200	GDC 5.304	BOOTH, M
• 64339	T	100 - 200P	CLA 1.108	BOOTH, M

FIRST-YEAR CONNECTION SMNR-ULN

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Fulfills the criteria for a 360 Connection. Restricted to students in a First-Year Connection seminar program. Restricted to University Leadership Network students.

• 64340	T	600 - 700P	BUR 106	SMITH, J
	W	400 - 500P	MEZ 1.212	
• 64345	T	600 - 700P	BUR 106	SMITH, J
	W	400 - 500P	MEZ 2.124	
• 64350	T	600 - 700P	BUR 106	SMITH, J
	TH	400 - 500P	MEZ 2.122	
• 64355	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	BEN 1.126	
• 64360	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	MEZ 1.122	
• 64365	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	MEZ 1.206	
• 64370	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	MEZ 1.212	
• 64375	T	600 - 700P	BUR 106	SMITH, J
	TH	500 - 600P	BEN 1.104	
• 64380	T	600 - 700P	BUR 106	SMITH, J
	TH	500 - 600P	BEN 1.108	
• 64385	T	600 - 700P	BUR 106	SMITH, J
	TH	500 - 600P	MEZ 1.118	
• 64390	T	600 - 700P	BUR 106	SMITH, J
	TH	500 - 600P	MEZ 1.122	
• 64395	T	600 - 700P	BUR 106	SMITH, J
	W	600 - 700P	MEZ 1.118	
• 64400	T	600 - 700P	BUR 106	SMITH, J
	W	600 - 700P	MEZ 1.122	
• 64405	T	600 - 700P	BUR 106	SMITH, J
	W	600 - 700P	MEZ 1.204	
• 64410	T	600 - 700P	BUR 106	SMITH, J
	W	600 - 700P	MEZ 2.102	
• 64415	T	600 - 700P	BUR 106	SMITH, J
	TH	600 - 700P	BEN 1.104	
• 64420	T	600 - 700P	BUR 106	SMITH, J
	TH	600 - 700P	BEN 1.108	
• 64425	T	600 - 700P	BUR 106	SMITH, J
	TH	600 - 700P	MEZ 1.118	
• 64430	T	600 - 700P	BUR 106	SMITH, J
	TH	600 - 700P	MEZ 1.122	
• 64435	T	600 - 700P	BUR 106	SMITH, J
	W	700 - 800P	MEZ 1.118	
• 64440	T	600 - 700P	BUR 106	SMITH, J
	W	700 - 800P	MEZ 1.122	
• 64445	T	600 - 700P	BUR 106	SMITH, J
	W	700 - 800P	MEZ 1.204	
• 64450	T	600 - 700P	BUR 106	SMITH, J
	TH	700 - 800P	MEZ 1.118	
• 64455	T	600 - 700P	BUR 106	SMITH, J
	TH	700 - 800P	MEZ 1.122	
• 64460	T	600 - 700P	BUR 106	SMITH, J
	TH	700 - 800P	MEZ 2.118	

UGS 018 FIRST-YEAR INTEREST GROUP SMNR

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program.

• 64465	T	1100 - 1200	CAL 200	GONZALEZ, A
• 64470	W	1200 - 100P	PAR 305	VALDEZ, L
• 64475	T	200 - 300P	PAR 310	BUTLER, C
• 64480	W	200 - 300P	MEZ 2.102	BUTLER, C
• 64485	TH	200 - 300P	SZB 284	KENNEL, T

FIRST-YR INTEREST GROUP-BUSN

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to McCombs School of Business students.

• 64490	T	1100 - 1200	SZB 240	BURT, R
• 64495	T	1100 - 1200	SZB 426	WINGATE, A
• 64500	T	1100 - 1200	SZB 526	POWELL, L
• 64505	M	100 - 200P	CLA 1.102	TRIGGER, P
• 64510	M	100 - 200P	JES A209A	GUEVARA, J
• 64515	M	100 - 200P	JES A215A	ALVARADO, C
• 64520	M	100 - 200P	SZB 278	GUEVARA, J
• 64525	M	100 - 200P	SZB 416	BIPPERT, C
• 64530	M	100 - 200P	SZB 526	BARHAM, J
• 64535	T	100 - 200P	JES A207A	ANDRE, E
• 64540	T	100 - 200P	SZB 240	BROOKS, L
• 64545	T	100 - 200P	SZB 524	HOLMAN, T
• 64550	M	200 - 300P	JES A207A	RUCKER, J
• 64555	M	200 - 300P	JES A307A	BARHAM, J
• 64560	M	200 - 300P	SZB 278	SANCHEZ, Y
• 64565	M	200 - 300P	SZB 416	SANCHEZ, S
• 64570	M	200 - 300P	SZB 422	WILLMS, B
• 64575	M	200 - 300P	SZB 526	POWELL, L
• 64580	T	200 - 300P	JES A203A	BURT, R
• 64585	T	200 - 300P	SZB 278	ACOSTA, L
• 64590	T	200 - 300P	SZB 380	FORD, K
• 64595	TH	200 - 300P	JES A209A	FORD, K
• 64600	TH	200 - 300P	SZB 240	CARTER, E
• 64605	TH	200 - 300P	SZB 286	HAMULIC, Z
• 64610	M	300 - 400P	CLA 0.118	TASSET, J
• 64615	M	300 - 400P	PAR 204	BUNN, C
• 64620	M	300 - 400P	SZB 284	SANCHEZ, Y
• 64625	M	300 - 400P	SZB 416	STEWART, T
• 64630	M	300 - 400P	SZB 422	CARTER, E
• 64635	M	300 - 400P	SZB 526	SANCHEZ, S
• 64640	W	300 - 400P	SZB 526	WILLMS, B
• 64645	T	330 - 430P	JES A303A	ALVARADO, C
• 64650	T	330 - 430P	JES A307A	TERRAZAS, M
• 64655	T	330 - 430P	MEZ 1.212	HINOJOSA-GALVAN, S
• 64660	TH	330 - 430P	JES A307A	RAMIREZ, C
• 64665	TH	330 - 430P	SZB 422	RODARTE, C
• 64670	TH	330 - 430P	SZB 524	WILLIAMS, L

FIRST-YR INTEREST GROUP-CNS

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the College of Natural Science.

• 64675	W	100 - 200P	GEA 125	GLENDENING, A

FIRST-YR INTEREST GROUP-CNS

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Natural Sciences students.

• 64680	F	900 - 1000	RLM 5.112	BURTON, C
• 64685	M	1000 - 1100	GDC 1.406	HANNA, A

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course	unique	days	time	room	instructor
	• 64690	M	1000 - 1100	GEA 125	GUAJARDO, S
	• 64695	M	1000 - 1100	WCH 1.108	LAPLACA, E
	• 64700	M	1000 - 1100	WCH 1.110	GLENDENING, A
	• 64705	T	1000 - 1100	GDC 2.210	LAPLACA, E
	• 64710	T	1000 - 1100	WCH 1.108	OULDS, S
	• 64715	T	1000 - 1100	WCH 1.110	CHY, A
	• 64720	W	1000 - 1100	GEA 114	DUNCAN, J
	• 64725	W	1000 - 1100	RLM 5.114	POYNOR, R
	• 64730	TH	1000 - 1100	GDC 2.210	REICHLER, S
	• 64735	TH	1000 - 1100	WCH 1.108	OULDS, S
	• 64740	TH	1000 - 1100	WCH 1.110	MILLER, J
	• 64745	F	1000 - 1100	WCH 1.108	SHEAR, R
	• 64750	M	1100 - 1200	BUR 228	CHY, A
	• 64755	M	1100 - 1200	GEA 125	RIGNEY, M
	• 64760	M	1100 - 1200	WCH 1.108	ALVARADO, G
	• 64765	T	1100 - 1200	BIO 214	HERNANDEZ, N
	• 64770	T	1100 - 1200	PAR 210	VARGAS, D
	• 64775	T	1100 - 1200	RLM 5.112	GRAVES, K
	• 64780	T	1100 - 1200	WCH 1.108	CONNELLY, C
	• 64785	W	1100 - 1200	GDC 2.210	JACKMAN, M
	• 64790	W	1100 - 1200	GEA 125	RIGNEY, M
	• 64795	W	1100 - 1200	PAI 4.08	MILLER, M
	• 64800	W	1100 - 1200	RLM 5.112	MISHLER, D
	• 64805	W	1100 - 1200	RLM 7.112	GRAVES, K
	• 64810	W	1100 - 1200	WCH 1.110	BOURGEOIS, J
	• 64815	TH	1100 - 1200	ETC 2.132	CONNELLY, C
	• 64820	TH	1100 - 1200	GEA 125	LAWLER, J
	• 64825	TH	1100 - 1200	WCH 1.108	LANCON, K
	• 64830	F	1100 - 1200	BIO 301	BIEHLE, O
	• 64835	F	1100 - 1200	PAR 304	ALVARADO, G
	• 64840	M	1200 - 100P	BIO 301	RODENBUSCH, S
	• 64845	W	1200 - 100P	BIO 301	ZAMORA-OLIVARES, D
	• 64850	W	1200 - 100P	WCH 1.108	JACKMAN, M
	• 64855	F	1200 - 100P	PAI 5.42	RILEY, L
	• 64860	F	1200 - 100P	RLM 5.126	ILARDI, E
	• 64865	M	100 - 200P	MBB 1.210	BROOKINS, J
	• 64870	M	100 - 200P	WCH 1.108	HANNA, A
	• 64875	T	100 - 200P	RLM 6.112	HALL, R
	• 64880	T	100 - 200P	WCH 1.108	LUM, C
	• 64885	T	100 - 200P	WCH 1.110	RANEY, M
	• 64890	W	100 - 200P	MBB 1.210	BROOKINS, J
	• 64895	TH	100 - 200P	CLA 1.108	KESTER, R
	• 64900	TH	100 - 200P	WCH 1.108	HERNANDEZ, N
	• 64905	TH	100 - 200P	WCH 1.110	RANEY, M
	• 64910	F	100 - 200P	RLM 7.112	MACKRELL, A
	• 64915	M	200 - 300P	GEA 125	PATTERSON, A
	• 64920	W	200 - 300P	GDC 2.210	HALL, R
	• 64925	W	200 - 300P	GDC 5.304	HAIRSTON, A
	• 64930	W	200 - 300P	RLM 5.126	MONTGOMERY, M
	• 64935	W	200 - 300P	WCH 1.108	ROVANG, M
	• 64940	TH	200 - 300P	GDC 1.406	POYNOR, R
	• 64945	TH	200 - 300P	RLM 5.126	GUAJARDO, S
	• 64950	TH	200 - 300P	WCH 1.108	MARIAM, H
	• 64955	T	300 - 400P	RLM 7.124	MILLER, J
	• 64960	W	300 - 400P	RLM 6.112	PALMER, G
	• 64965	TH	300 - 400P	RLM 5.126	BROWN, S
	• 64970	W	400 - 500P	RLM 5.126	BROWN, S

FIRST-YR INTEREST GROUP-CNS

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Natural Sciences students. meets with UGS 018.

• 64975	W	1000 - 1100	GEA 125	LAWLER, J
• 64980	W	1000 - 1100	GEA 125	LAWLER, J

FIRST-YR INTEREST GROUP-COLA

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Liberal Arts students.

• 64985	M	900 - 1000	CLA 0.120	BURKS, J
• 64990	T	900 - 1000	CAL 419	MCKAY, M
• 64995	W	900 - 1000	CLA 0.120	LOPEZ, G
• 65000	M	1000 - 1100	CLA 1.102	PEREIRA, M
• 65005	T	1000 - 1100	CAL 221	BUTLER, P
• 65010	T	1000 - 1100	CAL 419	MARRIOTT, L
• 65015	T	1000 - 1100	GDC 2.502	JONES HARRIS, K
• 65020	W	1000 - 1100	CLA 0.120	SINGER, S
• 65025	M	1100 - 1200	WAG 308	STODDARD, L
• 65030	T	1100 - 1200	CAL 419	CACCIOTTI, S
• 65035	W	1100 - 1200	BEN 1.122	GLADSTONE, C
• 65040	W	1100 - 1200	CAL 21	QUINN, S
• 65045	W	1100 - 1200	CBA 4.340	BURNETT, B
• 65050	W	1100 - 1200	SAC 5.102	SHAH, S
• 65055	W	1100 - 1200	SZB 380	KOUTSERIDI, O
• 65060	W	1100 - 1200	WAG 308	FLOCKE, E
• 65065	M	100 - 200P	CAL 21	ROTHSCHILD, D
• 65070	M	100 - 200P	CAL 419	SMITH, H
• 65075	M	100 - 200P	CLA 0.108	CASTILLO, E
• 65080	T	100 - 200P	CLA 0.108	FAWCETT, T
• 65085	W	100 - 200P	CAL 221	SALDANA, N
• 65090	W	100 - 200P	CBA 4.338	MENDOLUSKY, J
• 65095	W	100 - 200P	CLA 1.102	SMITH, R
• 65100	W	100 - 200P	UTC 3.120	CAWVEY, A
• 65105	T	200 - 300P	CBA 4.338	HASTINGS, E
• 65110	W	200 - 300P	CAL 323	RIDSDALE, M
• 65115	W	200 - 300P	CLA 0.120	WILLETT, J
• 65120	TH	200 - 300P	CLA 0.104	SY, C
• 65125	TH	200 - 300P	GDC 2.402	KYLE, A
• 65130	W	300 - 400P	CLA 0.108	VALENZUELA, D

FIRST-YR INTEREST GROUP-COM

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65135	M	900 - 1000	BMC 2.508	BOGGS, W
• 65140	T	900 - 1000	BMC 2.508	PORRAS, J

FIRST-YR INTEREST GROUP-COM

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65145	W	900 - 1000	BMC 2.508	LANCASTER, T

FIRST-YR INTEREST GROUP-COM

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65150	TH	900 - 1000	BMC 2.508	FOSTER, J
• 65155	M	1000 - 1100	BMC 2.508	DOMINGUEZ, L

FIRST-YR INTEREST GROUP-COM

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65160	M	1000 - 1100	CMA 6.170	VALLEE, M
• 65165	T	1000 - 1100	BMC 2.508	APOLLO, A

FIRST-YR INTEREST GROUP-COM

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65170	W	1000 - 1100	BMC 2.508	O'BRIEN, L
• 65175	TH	1000 - 1100	BMC 2.508	THOMAS, T

FIRST-YR INTEREST GROUP-COM

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65180	M	1100 - 1200	BMC 2.508	PATINO, C
• 65185	M	1100 - 1200	CMA 6.170	LANCASTER, T
• 65190	T	1100 - 1200	BMC 2.508	KUBENA, D

FIRST-YR INTEREST GROUP-COM

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65195	W	1100 - 1200	BMC 2.508	THOMAS, T
• 65200	TH	1100 - 1200	BMC 2.508	TEDDER, R
• 65205	F	1100 - 1200	BMC 2.508	CARRENS, C

FIRST-YR INTEREST GROUP-COM

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65210	F	1100 - 1200	CMA 6.170	BOGGS, W

FIRST-YR INTEREST GROUP-COM

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65215	M	100 - 200P	BMC 2.508	ENRIQUEZ, C
• 65220	M	100 - 200P	BMC 3.204	KUBENA, D

FIRST-YR INTEREST GROUP-COM

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65225	M	100 - 200P	CMA 6.170	THOMAS, T
• 65230	T	100 - 200P	BMC 2.508	OAKS, X

FIRST-YR INTEREST GROUP-COM

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.

• 65235	W	100 - 200P	BMC 2.508	GONZALES, N

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FIRST-YR INTEREST GROUP-COM
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65240 W 100 - 200P BMC 3.204 O'BRIEN, L

FIRST-YR INTEREST GROUP-COM
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65245 TH 100 - 200P BMC 2.508 OAKS, X
- 65250 F 100 - 200P BMC 2.508 SMITH, K
- 65255 F 100 - 200P BMC 3.204 NEW, H

FIRST-YR INTEREST GROUP-COM
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65260 M 200 - 300P BMC 2.508 BARNETT, R

FIRST-YR INTEREST GROUP-COM
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65265 M 200 - 300P BMC 3.204 VALLEE, M

FIRST-YR INTEREST GROUP-COM
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65270 T 200 - 300P BMC 2.508 DOMINGUEZ, L
- 65275 W 200 - 300P BMC 2.508 NEW, H
- 65280 TH 200 - 300P BMC 3.204 THOMAS, T
- 65285 F 200 - 300P BMC 2.508 PORRAS, J

FIRST-YR INTEREST GROUP-COM
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65290 F 200 - 300P BMC 3.204 PATINO, C

FIRST-YR INTEREST GROUP-COM
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65295 M 300 - 400P BMC 3.204 HAAKE, D
- 65300 M 300 - 400P CMA 6.170 MARSH, J

FIRST-YR INTEREST GROUP-COM
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65305 T 400 - 500P BMC 2.508 BREWER, J

FIRST-YR INTEREST GROUP-COM
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65310 TH 400 - 500P BMC 2.508 BREWER, J

FIRST-YR INTEREST GROUP-COM
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Moody College of Communication students.
- 65315 TH 200 - 300P BMC 2.508 NEW, H

FIRST-YR INTEREST GROUP-CTI
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the Core Texts and Ideas Program.
- 65320 W 100 - 200P CLA 0.108 VICKERS, N

FIRST-YR INTEREST GROUP-DSP
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the Discovery Scholars program.
- 65325 T 1100 - 1200 MEZ 1.122 GARY, S
- 65330 W 1100 - 1200 FAC 4 GARY, S

FIRST-YR INTEREST GROUP-DSP
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the Discovery Scholars Program.
- 65335 M 1000 - 1100 FAC 4 DONES VEGA, L

FIRST-YR INTEREST GROUP-DSP
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the Discovery Scholars Program.
- 65340 F 300 - 400P FAC 4 SCHROEDER, E
- 65345 F 900 - 1000 FAC 4 DONES VEGA, L

FIRST-YR INTEREST GROUP-DSP
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the Discovery Scholars Program.
- 65350 M 1100 - 1200 FAC 4 GARY, S
- 65355 TH 1100 - 1200 FAC 4 GARY, S
- 65360 F 1100 - 1200 FAC 4 DONES VEGA, L
- 65365 M 1200 - 100P FAC 4 GARY, S
- 65370 T 1200 - 100P FAC 4 SCHROEDER, E
- 65375 W 1200 - 100P FAC 4 GARY, S
- 65380 TH 1200 - 100P FAC 4 SCHROEDER, E
- 65385 F 1200 - 100P FAC 4 GARY, S
- 65390 T 100 - 200P FAC 4 SCHROEDER, E
- 65395 W 100 - 200P FAC 4 DONES VEGA, L
- 65400 TH 100 - 200P FAC 4 SCHROEDER, E
- 65405 M 200 - 300P FAC 4 ABBOTT, P
- 65410 W 200 - 300P FAC 4 DONES VEGA, L

FIRST-YR INTEREST GROUP-DSP
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the Discovery Scholars program.
- 65412 M 900 - 1000 FAC 4

FIRST-YR INTEREST GROUP-EDUC
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Education students.
- 65415 T 900 - 1000 SZB 286 MATOS, E
- 65420 W 200 - 300P SZB 286 STANLEY, A
- 65425 W 100 - 200P SZB 286 HOGEDA, R
- 65430 W 100 - 200P SZB 422 HOGEDA, R
- 65435 F 1100 - 1200 SZB 524 STANLEY, A

FIRST-YR INTEREST GROUP-EDUC
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Education students.
- 65440 T 100 - 200P CAL 221 DUMANTAY, E

FIRST-YR INTEREST GROUP-EDUC
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Education students.
- 65445 T 1200 - 100P SZB 526 SILVA, J
- 65450 F 200 - 300P SZB 286 SILVA, J
- 65455 TH 1100 - 1200 SZB 526 NELSON, R

FIRST-YR INTEREST GROUP-EDUC
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Education students.
- 65460 W 100 - 200P RLM 6.112 MATOS, E

FIRST-YR INTEREST GROUP-EDUC
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Education students.
- 65465 MW 100 - 200P JES A205A NELSON, R

FIRST-YR INTEREST GROUP-EDUC
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Education students.
- 65470 T 200 - 300P GDC 2.402 DUMANTAY, E

FIRST-YR INTEREST GROUP-ENGR
Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program.
- 65475 T 200 - 300P JES A205A DISON, A

FIRST-YR INTEREST GROUP-ENGR
Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Cockrell School of Engineering students.
- 65480 T 1000 - 1100 EER 1.504 GOLDEN, A
- 65485 T 1000 - 1100 ETC 2.132 PERALES, C
- 65490 W 1000 - 1100 CLA 1.102 ZIMMERMAN, C
- 65495 W 1000 - 1100 EER 1.504 DISON, A
- 65500 W 1000 - 1100 WRW 410 MAGNANI, A
- 65505 W 1000 - 1100 WRW 413 KITTEN, S
- 65510 M 1100 - 1200 BME 3.206 DAWKINS, S
- 65515 M 1100 - 1200 CPE 2.236 TOMPKINS, A
- 65520 M 1100 - 1200 EER 1.504 HIGBY, G
- 65525 T 1100 - 1200 EER 1.504 SELLARS, M

April 3, 2025

course	unique	days	time	room	instructor
	• 65530	T	1100 - 1200	WRW 312	KITTEN, S
	• 65535	W	1100 - 1200	BME 3.206	COUSINS, M
	• 65540	W	1100 - 1200	BUR 128	HILL, J
	• 65545	W	1100 - 1200	EER 1.504	STINNETTE, N
	• 65550	W	1100 - 1200	EER 1.524	DISON, A
	• 65555	W	1100 - 1200	EER 1.528	BRESSETTE, S
	• 65560	W	1100 - 1200	WRW 413	KITTEN, S
	• 65565	TH	1100 - 1200	CBA 4.340	DOMINGUEZ, E
	• 65570	TH	1100 - 1200	EER 1.504	FLORES, R
	• 65575	TH	1100 - 1200	EER 1.524	MARTIN, E
	• 65580	TH	1100 - 1200	EER 1.528	BRESSETTE, S
	• 65585	TH	1100 - 1200	GDC 2.502	SILVERBLATT, R

FIRST-YR INTEREST GROUP-ENGR

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Cockrell School of Engineering students.

	• 65590	W	1100 - 1200	WRW 312	MAGNANI, A

FIRST-YR INTEREST GROUP-ENGR

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Cockrell School of Engineering students.

	• 65595	W	1200 - 100P	BUR 128	SELLARS, M
	• 65600	W	1200 - 100P	ECJ B.226	SHIELDS, S
	• 65605	W	1200 - 100P	ECJ 1.304	HIGBY, G
	• 65610	W	1200 - 100P	EER 1.524	BERRY, T
	• 65615	W	1200 - 100P	SAC 5.102	COX, B
	• 65620	T	1230 - 130P	EER 1.504	BRESSETTE, S
	• 65625	TH	1230 - 130P	EER 1.504	BERRY, T
	• 65630	TH	1230 - 130P	RLM 6.112	DOMINGUEZ, E
	• 65635	M	100 - 200P	CPE 2.236	TOMPKINS, A
	• 65640	M	100 - 200P	ETC 5.132	VRANA, A
	• 65645	T	100 - 200P	EER 1.528	TALLEY, S
	• 65650	W	100 - 200P	ECJ B.226	VELA, V
	• 65655	W	100 - 200P	ETC 5.132	VRANA, A
	• 65660	M	200 - 300P	BME 3.206	COUSINS, M
	• 65665	M	200 - 300P	CPE 2.236	TOMPKINS, A
	• 65670	M	200 - 300P	RLM 6.112	RAY, K
	• 65675	T	200 - 300P	ETC 5.132	RAY, K
	• 65680	T	200 - 300P	RLM 5.126	MCFADDEN, M
	• 65685	W	200 - 300P	BME 3.206	COUSINS, M
	• 65690	W	200 - 300P	CLA 0.118	MCFADDEN, M
	• 65695	W	200 - 300P	EER 1.528	SELLARS, M
	• 65700	W	200 - 300P	ETC 5.132	RAY, K
	• 65705	TH	200 - 300P	EER 1.528	STINNETTE, N
	• 65710	TH	200 - 300P	ETC 5.132	HAGAMEN, G

FIRST-YR INTEREST GROUP-ENGR

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Cockrell School of Engineering students.

	• 65715	M	100 - 200P	BME 3.206	DAWKINS, S

FIRST-YR INTEREST GROUP-ENGR

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Cockrell School of Engineering students.

	• 65720	W	300 - 400P	ETC 5.132	HAGAMEN, G
	• 65725	T	330 - 430P	EER 1.524	KESSEL, K
	• 65730	W	400 - 500P	ETC 5.132	HAGAMEN, G

FIRST-YR INTEREST GROUP-ENGR

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Cockrell School of Engineering students. meets with UGS 018.

	• 65735	T	330 - 430P	EER 1.508	DE SOPO, M
	• 65740	T	330 - 430P	EER 1.508	DE SOPO, M
	• 65745	T	330 - 430P	EER 1.504	DE SOPO, M
	• 65750	T	330 - 430P	EER 1.504	KESSEL, K
	• 65755	T	330 - 430P	EER 1.504	KESSEL, K

FIRST-YR INTEREST GROUP-F A

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Fine Arts students.

	• 65760	M	1100 - 1200	WIN 1.108	ALRUTZ, M
	• 65765	F	100 - 200P	CLA 0.108	MONTES, C

FIRST-YR INTEREST GROUP-F A

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Fine Arts students.

	• 65770	T	400 - 530P	WIN 2.112	ZUNIGA, M

FIRST-YR INTEREST GROUP-F A

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to College of Fine Arts students.

	• 65775	W	400 - 500P	MRH 2.634	OLSEN, S
	• 65780	T	500 - 600P	MRH 2.614	OLSEN, S

FIRST-YR INTEREST GROUP-GATEWY

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the Gateway Scholars Program.

	• 65785	TH	900 - 1000	CAL 221	LEWIS, T
	• 65790	TH	1000 - 1100	BEN 1.106	MARTINEZ, K
	• 65795	TH	1100 - 1200	CAL 200	LAY, A
	• 65800	W	100 - 200P	CAL 22	JIMENEZ, R

FIRST-YR INTEREST GROUP-GATEWY

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to students in the Gateway Scholars Program.

	• 65805	W	200 - 300P	GDC 2.502	DIETER, E

FIRST-YR INTEREST GROUP-GEO

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to Jackson School of Geosciences students.

	• 65810	M	1200 - 100P	GAR 1.134	SALAZAR, Z
	• 65815	M	100 - 200P	GDC 2.502	MCKAY, S
	• 65820	F	100 - 200P	GDC 2.502	EVANS, M

FIRST-YR INTEREST GROUP-NUR

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Nursing students.

	• 65825	T	1100 - 1200	GAR 0.132	SANCHEZ, S
	• 65830	TH	1100 - 1200	BEN 1.102	RUIZ, Y

FIRST-YR INTEREST GROUP-NUR

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Nursing students.

	• 65835	TH	1100 - 1200	MEZ 1.122	SANCHEZ, S

FIRST-YR INTEREST GROUP-NUR

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Nursing students.

	• 65840	TH	300 - 400P	CBA 4.340	WAHL, A
	• 65845	W	330 - 430P	GAR 3.116	BARAJAS, M

FIRST-YR INTEREST GROUP-S W

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Social Work students.

	• 65850	M	100 - 200P	SSW 1.212	GEORGE, A

FIRST-YR INTEREST GROUP-UGS

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program.

	• 65855	W	200 - 300P	PAR 210	SPEAR, A
	• 65860	TH	200 - 300P	JES A203A	HEISKELL, V

FIRST-YR INTEREST GROUP-UGS

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Undergraduate Studies students.

	• 65865	T	930 - 1030	CBA 4.342	CAMARILLO-MEDINA
	• 65870	T	930 - 1030	JES A205A	MANN, L

FIRST-YR INTEREST GROUP-UGS

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Undergraduate Studies students.

	• 65875	W	1200 - 100P	CBA 4.338	ROSE, S
	• 65880	T	1000 - 1100	MEZ 1.118	SPEAR, A
	• 65885	W	1200 - 100P	JES A205A	WAGGONER, M

FIRST-YR INTEREST GROUP-UGS

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Undergraduate Studies students.

	• 65890	T	1000 - 1100	SZB 286	SWANSON, E
	• 65895	W	1000 - 1100	JES A203A	WASILEWSKI, R
	• 65900	TH	1000 - 1100	JES A203A	RODRIGUEZ, D
	• 65905	TH	1000 - 1100	JES A205A	DEVLIN, A
	• 65910	M	1200 - 100P	JES A205A	LOPEZ, A
	• 65915	T	1200 - 100P	JES A205A	WEINGARTEN, L
	• 65920	W	1200 - 100P	GAR 1.134	SWANSON, E
	• 65925	W	1200 - 100P	SZB 286	FRAZER, K
	• 65930	M	100 - 200P	JES A207A	CORSON, S
	• 65935	T	100 - 200P	CLA 0.120	SNYDER, J
	• 65940	W	100 - 200P	CBA 4.340	WAGGONER, M
	• 65945	W	100 - 200P	JES A215A	RABE, A
	• 65950	W	200 - 300P	JES A207A	HANDY, J
	• 65955	TH	200 - 300P	JES A205A	SNYDER, J
	• 65960	W	300 - 400P	JES A215A	LALAU, K

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course	unique	days	time	room	instructor
	• 65965	W	300 - 400P	JES A216A	LALAU, K

FIRST-YR INTEREST GROUP-UGS

Designed to accommodate 35 or fewer students. Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Undergraduate Studies students.

• 65970	W	300 - 400P	MEZ 1.210	CLARK, A

FIRST-YR INTEREST GROUP-UGS

Basic issues in various interdisciplinary fields of study. Fulfills the criteria for a 360 Connection. Restricted to students in the First-Year Interest Group Program. Restricted to School of Undergraduate Studies students.

• 65975	W	300 - 400P	UTC 3.120	LOPEZ, A
• 65980	TH	330 - 430P	CBA 4.338	LOPEZ, D

UGS 018S SOPHOMORE INTEREST GROUP SEM

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Sophomore Interest Group program.

• 65985	W	1000 - 1100	PAR 210	
• 65990	M	1200 - 100P	WCH 1.110	RANEY, M

UGS 018T TRANSFER INTEREST GROUP SEM

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program.

• 65995	TH	200 - 300P	GDC 2.502	

TRANSFER INTEREST GROUP SEM

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program.

• 66000	W	100 - 200P	GDC 2.502	
• 66005	W	300 - 400P	CLA 1.102	

TRANSFER INTEREST GROUP SEM

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to College of Liberal Arts students.

• 66010	TH	200 - 300P	GAR 0.120	

TRANSFER INTEREST GRP SEM-CNS

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to College of Natural Sciences students.

• 66015	T	200 - 300P	MEZ 1.210	

TRANSFER INTEREST GRP SEM-CNS

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to College of Natural Sciences students.

• 66020	T	200 - 300P	CAL 22	

TRANSFER INTEREST GRP SEM-CNS

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to College of Natural Sciences students.

• 66025	W	300 - 400P	GAR 0.120	

TRANSFER INTEREST GRP SEM-CNS

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to College of Natural Sciences students.

• 66030	W	300 - 400P	CAL 22	
• 66035	W	300 - 400P	CAL 323	
• 66040	W	300 - 400P	MEZ 1.206	

TRANSFER INTEREST GRP SEM-COLA

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to College of Liberal Arts students.

• 66045	M	1000 - 1100	CLA 0.120	GILDEN, D
• 66050	M	1000 - 1100	PAR 214	GENTRY, J
• 66055	M	200 - 300P	CLA 0.120	AHMED, A
• 66060	T	200 - 300P	MEZ 1.206	CONNER, M
• 66065	T	200 - 300P	PAR 214	SMITH, H

TRANSFER INTEREST GRP SEM-COM

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program.

• 66070	W	300 - 400P	GAR 1.134	HAAKE, D
• 66075	W	300 - 400P	BIO 301	HALLOCK, J
• 66080	W	400 - 500P	BUR 228	PORRAS, J
• 66085	TH	300 - 400P	MEZ 1.202	PATINO, C
• 66090	W	100 - 200P	ETC 2.102	HALLOCK, J
• 66095	M	300 - 400P	GAR 1.134	VALLEE, M

TRANSFER INTEREST GRP SEM-COM

May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program.

• 66100	M	400 - 500P	BUR 128	FOSTER, J

TRANSFER INTEREST GRP SEM-COM

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to Moody College of Communication students.

• 66105	M	300 - 400P	WAG 208	BOGGS, W
• 66110	M	300 - 400P	BMC 2.508	O'BRIEN, L
• 66115	TH	300 - 400P	ETC 2.114	FOSTER, J
• 66120	F	300 - 400P	BUR 228	APOLLO, A
• 66125	M	300 - 400P	BUR 128	DOMINGUEZ, L
• 66130	W	300 - 400P	GEA 127	MARSH, J
• 66135	F	100 - 200P	GEA 127	LANCASTER, T

TRANSFER INTEREST GRP SEM-EDU

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to College of Education students.

• 66140	M	1100 - 1200	SZB 284	SILVA, J
• 66145	M	100 - 200P	BEL 858	STANLEY, A

TRANSFER INTEREST GRP SEM-ENGR

Designed to accommodate 35 or fewer students. May be repeated for credit. Basic issues in various interdisciplinary fields of study. May not be counted toward any University of Texas at Austin degree. Restricted to students in the Transfer Interest Group Program. Restricted to Cockrell School of Engineering students.

• 66150	TH	400 - 500P	CBA 4.342	HALL, J
• 66155	W	1100 - 1200	WRW 410	VASQUEZ, V
• 66160	W	300 - 400P	RLM 7.112	MAGNANI, A

UGS 320K UNDERGRAD RESEARCH EXPERIENCE

Hour(s) to be arranged. May be repeated for credit. Supervised research with a faculty member. Research may consist of an individual project or assisting a faculty research project. Undergraduate Studies 120K, 220K, 320K and 120, 220, 320 may not both becounted. May be taken six times for credit. Prerequisite: Upper-division standing and consent of the undergraduate studies research coordinator.

• 66165

UGS 320L UNDERGRAD RESEARCH EXPERIENCE

Hour(s) to be arranged. May be repeated for credit. Supervised research with a faculty member. Research may consist of an individual project and must meet the criteria for the independent inquiry flag. With consent of the undergraduate studies research coordinator, may be repeated for credit. Undergraduate Studies 320F and 320L may not both be counted.

• 66170

April 3, 2026

DEVELOPMENTAL STUDIES

Developmental Studies - DEV

DEV 000M BASIC MATH AND ALGEBRA SKILLS
Developmental mathematics instruction. Emphasis on fundamental mathematics, including computation skills, graphing, and solving word problems, and on algebraic graphing, equations, operations, and quadratics. Offered on the satisfactory/unsatisfactory basis only. With consent of the Texas Success Initiative office, may be repeated for credit. May not be counted toward any degree.
• 66225 T 800 - 930 CLA 0.124

BASIC MATH AND ALGEBRA SKILLS
Additional hour(s) to be arranged. Developmental mathematics instruction. Emphasis on fundamental mathematics, including computation skills, graphing, and solving word problems, and on algebraic graphing, equations, operations, and quadratics. Offered on the satisfactory/unsatisfactory basis only. With consent of the Texas Success Initiative office, may be repeated for credit. May not be counted toward any degree.
• 66230 TH 800 - 930 CLA 0.124
• 66235 F 830 - 1000 CLA 0.124 HERD, V

DEV 300R BASIC READING SKILLS
Designed to accommodate 35 or fewer students. Developmental reading instruction, with emphasis on strategies for improving vocabulary, reading comprehension, and reading study skills. Offered on the satisfactory/unsatisfactory basis only. With consent of the Texas Success Initiative office, may be repeated forcredit. May not be counted toward any degree.
• 66239 TTH 1100 - 1230P JES A309A DEITHLOFF, L

DEV 000W BASIC WRITING SKILLS
Additional hour(s) to be arranged. Developmental writing instruction, with emphasis on the elements of composition, sentence structure, and standard English usage and mechanics. Offered on the satisfactory/unsatisfactory basis only. With consent of the Texas Success Initiative office, may be repeated forcredit. May not be counted toward any degree.
• 66240 T 1100 - 1230P JES A309A DEITHLOFF, L
• 66245 T 1230 - 200P JES A309A DEITHLOFF, L

DEV 303M BASIC MATH/ALGEBRA SKILLS REV
Offered on the satisfactory/unsatisfactory basis only. May not be counted toward any degree.
• 66250 TTH 930 - 1100 JES A207A HERD, V
• 66255 MWF 100 - 200P JES A218A

BASIC MATH/ALGEBRA SKILLS REV
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Offered on the satisfactory/unsatisfactory basis only. May not be counted toward any degree.
• 66260 TTH 1100 - 1230P MEZ 2.122 POWELL, P

DEV 303S ANALYTICAL READING/WRITING
Offered on the letter-grade basis only. Examination of fundamental concepts in analytical reading from differentdisciplinary perspectives, with an emphasis on sociocultural influences on comprehension and writing styles. Developmental Studies 303S and Undergraduate Studies 309 may not both becounted. May not be counted toward any degree. Prerequisite: Consent of the Texas Success Initiative coordinator.
• 66265 MWF 1000 - 1100 CLA 0.124 PROCKNOW, H
• 66270 TTH 1230 - 200P CLA 0.124

OFFICE OF THE VICE PROVOST AND DEAN OF GRADUATE STUDIES

Graduate School - GRS

GRS 097 TEACHING ASSISTANT FUNDS
Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Skills, behavior, and strategies for effective college teaching. Prerequisite: Graduate standing and consent of instructor.
• 66325 F 1100 - 1230P CMA 3.130 HATCHER, M
• 66330 W 500 - 630P PAI 5.16 HATCHER, M
• 66335 W 500 - 630P SZB 450H HATCHER, M

JAMES A. MICHENER CENTER FOR WRITERS

Writing - WRT

WRT 380 FIRST-YEAR SEMINAR
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Restricted to first-year candidates for the Master of Fine Arts in Writing. Prerequisite: Graduate standing in writing.
• 66390 M 900 - 1200 FDH 213 FOUNTAIN, C

WRT 380W WORKSHOP IN CREATIVE WRITING
Subjects include writing fiction, writing poetry, playwriting, and screenwriting. Prerequisite: Graduate standing in writing, or graduate standing and consent of the graduate adviser.
• 66395 M 100 - 400P FDH 213 YOUNG, D

WORKSHOP IN CREATIVE WRITING
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Subjects include writing fiction, writing poetry, playwriting, and screenwriting. Prerequisite: Graduate standing in writing, or graduate standing and consent of the graduate adviser.
• 66400 W 100 - 400P FDH 213 MCCRACKEN, E

WRT 382 INDEPENDENT PROJECTS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Restricted to advanced MFA candidates. Prerequisite: Graduate standing in writing, or graduate standing and consent of the graduate adviser.
• 66405

WRT 698A THESIS
Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in writing and consent of the graduate adviser; for 698B, Writing 698A.
• 66410

WRT 698B THESIS
Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in writing and consent of the graduate adviser; for 698B, Writing 698A.
• 66415

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INTERCOLLEGIAL PROGRAMS

COMPUTATIONAL SCIENCE, ENGINEERING, AND MATHEMATICS

Computational Science, Engineering, and Mathematics - CSE

CSE 370 INDIVIDUAL READING & RESEARCH
Hour(s) to be arranged. Offered on the pass/fail basis only. May be repeated for credit. Supervised study or research in a selected area of computational science, engineering, and mathematics by individual arrangement with a supervising instructor. Prerequisite: Upper-division standing, a University grade point average of at least 3.00, selection of project, and consent of both the faculty member directing the project and the undergraduate adviser.
• 66470

CSE 380 TOOLS/TECHNIQS COMPUTATNL SCI
Designed to accommodate 35 or fewer students. Advanced introduction to the practical use of high performance computing hardware and software engineering principles for scientific technical computing. Topics include computer architectures, operating systems, programming languages, data structures, interoperability, and software development, management, and performance. Prerequisite: Graduate standing.
• 66475 TTH 1230 - 200P GDC 2.410 SCHULZ, K

CSE 383C NUMERICAL ANLY: LINEAR ALGEBRA
Survey of numerical methods in linear algebra: floating-point computation, solution of linear equations, least squares problems, algebraic eigenvalue problems. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 383C, Computer Science 383C, Mathematics 383E, Statistics and Data Sciences 393C, Statistics and Scientific Computation 393C. Prerequisite: Graduate standing; Computer Science 367 or Mathematics 368K; and Mathematics 340L, 341, or consent of instructor. same as C S 383C, M 383E, SDS 393C. also meets with M E 397.
• 66480 TTH 930 - 1100 ECJ 1.214 BIROS, G

CSE 383K NUMERCL ANLY: ALGEBRA & APPROX
Advanced introduction to scientific computing, theory and application ofnumerical linear algebra, solution of nonlinear equations, and numericalapproximation of functions. Computational Science, Engineering, and Mathematics 383K and Mathematics387C may not both be counted. Prerequisite: Graduate standing, and consent of instructor or the graduate adviser. same as M 387C.
• 66485 MW 830 - 1000 RLM 12.166 ENGQUIST, B

CSE 384K THEORY OF PROBABILITY
Computational Science, Engineering, and Mathematics 384K and Mathematics385C may not both be counted. Prerequisite: Graduate standing and consent of instructor. same as M 385C.
• 66490 MWF 1100 - 1200 RLM 9.166 ZITKOVIC, G

CSE 384R MATHEMATICAL STATISTICS I
The general theory of mathematical statistics. Includes distributions offunctions of random variables, properties of a random sample, principlesof data reduction, an overview of hierarchical models, decision theory, Bayesian statistics, and theoretical results relevant to point estimation, interval estimation, and hypothesis testing. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384R, Mathematics 384C, Statistics and DataSciences 384 (Topic 2), Statistics and Scientific Computation 384 (Topic 2). Prerequisite: Graduate standing; and Mathematics 362K and 378K, Statistics and Scientific Computation 382, or consent of instructor. same as M 384C, SDS 384 (TOPIC 2).
• 66495 TTH 500 - 630P FAC 101B PARKER, M

CSE 384T REGRESSION ANALYSIS
Simple and multiple linear regression, inference in regression, prediction of new observations, diagnosis and remedial measures, transformations, and model building. Emphasis on both understanding the theory and applying theory to analyze data. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384T, Mathematics 384G, Statistics and DataSciences 384 (Topic 4), Statistics and Scientific Computation 384 (Topic 4). Prerequisite: Graduate standing; and Mathematics 362K and 378K, Statistics and Data Sciences 382, (or Statistics and Scientific Computation 382), or consent of instructor. same as M 384G, SDS 384 (TOPIC 4).
• 66500 MW 100 - 230P FAC 101B HERSH, M

CSE 385R REAL ANALYSIS
Measure and integration over abstract spaces; Lebesgue's theory of integration and differentiation on the real line. Computational Science, Engineering, and Mathematics 385R and Mathematics381C may not both be counted. Prerequisite: Graduate standing and consent of instructor or the graduate adviser. same as M 381C.
• 66505 MW 330 - 500P RLM 11.176 CAFFARELLI, L

CSE 386C METHODS OF APPLIED MATHEMATICS
Topics include basic normed linear space theory; fixed-point theorems and applications to differential and integral equations; Hilbert spaces and the spectral theorem; applications to Sturm-Liouville problems; approximation and computational methods such as the Galerkin, Rayleigh-Ritz, and Newton procedures. Computational Science, Engineering, and Mathematics 386C and Mathematics383C may not both be counted. Prerequisite: Graduate standing. same as M 383C.
• 66510 MWF 1100 - 1200 RLM 11.176 ARBOGAST, T

CSE 386M FUNCTNL ANLY IN THEORET MECHS
An introduction to modern concepts in functional analysis and linear operator theory, with emphasis on their application to problems in theoretical mechanics; topological and metric spaces, norm linear spaces, theory of linear operators on Hilbert spaces, applications to boundary value problems in elasticity and dynamical systems. Computational Science, Engineering, and Mathematics 386M and EngineeringMechanics 386M may not both be counted. Prerequisite: Graduate standing, Engineering Mechanics 386L, and Mathematics 365C. same as E M 386M.
• 66515 TTH 1230 - 200P WRW 312 DEMKOWICZ, L

CSE 389C INTRO MATH MODLNG SCI/ENGR I
First part of a two-part introduction to the elements of classical mechanics, physics, chemistry, and biology needed to begin work in computational engineering and sciences. Develops from first principles the classical mathematical theories underlying many of the models of physical phenomena important in modern applications. Prerequisite: Graduate standing. meets with M E 397.
• 66520 WF 100 - 300P ECJ 1.306 HEIMBACH, P

CSE 190 INDIVIDUAL RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individual study or research in computational science, engineering, and mathematics arranged by mutual agreement between student and supervising faculty member. Prerequisite: Graduate standing and consent of instructor.
• 66525

CSE 390 INDIVIDUAL RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Individual study or research in computational science, engineering, and mathematics arranged by mutual agreement between student and supervising faculty member. Prerequisite: Graduate standing and consent of instructor.
• 66530

CSE 390T TRN TCHNG COMPU SCI/ENGR/MATH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. Topic title: Explore teaching computational science, engineering, and mathematics.
• 66535

CSE 392 GEOMETRIC FNDTNS OF DATA SCI
Course number may be repeated for credit when the topics vary. Advanced topics in the theory and application of computer science. Recent topics include geometric modeling and visualization, and high-performance and parallel computing. Computational and Applied Mathematics 395T and Computational Science, Engineering, and Mathematics 392 may not both be counted unless the topics vary. Prerequisite: Graduate standing. meets with C S 378.
• 66540 MW 930 - 1100 GDC 4.302 BAJAJ, C

CSE 393 THE FINITE ELEMENT METHOD
Course number may be repeated for credit when the topics vary. Advanced topics in the theory and application of numerical analysis. Recent topics include numerical methods for partial differential equations, computational problems in linear algebra, iterative methods and fast algorithms, numerical methods in functional approximation, and computational and variational methods for inverse problems. Prerequisite: Graduate standing and consent of instructor.
• 66545 MWF 900 - 1000 ECJ 1.322 KALLIVOKAS, L

CSE 393F FINITE ELEMENT METHODS
Derivation and implementation of the finite element method; basic codingtechniques; application to problems of stress and diffusion. Only one of the following may be counted: Aerospace Engineering 384P (Topic 4), Computational Science, Engineering, and Mathematics 393F, Engineering Mechanics 394F. Prerequisite: Graduate standing and consent of instructor. same as ASE 384P (TOPIC 4), E M 394F. also meets with PGE 383.
• 66550 MW 300 - 430P GDC 2.402 WHEELER, M

CSE 394 STOCHASTIC PROCESSES I
Course number may be repeated for credit when the topics vary. Advanced topics in the theory and application of probability and statistics. Recent topics include nonparametric statistics and advanced probability. Prerequisite: Graduate standing and consent of instructor. meets with M 394C.
• 66555 MW 200 - 330P RLM 11.176 ZARIPHOPOULOU, T

CSE 396 PARTIAL DIFFERENTIAL EQUATNS I
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Advanced topics in the theory and application of applied mathematics. Recent topics have included partial differential equations, dynamical systems, kinetic theory, quantum mechanics, ergodic theory, statistical mechanics, Hamiltonian dynamics, nonlinear functional analysis, Euler and Navier-Stokes equations, microlocal calculus and spectral asymptotics, calculus of variations, and nonlinear partial differential equations. and Computational Science, Engineering, and Mathematics 396 may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with M 393C.
• 66560 TTH 1230 - 200P RLM 12.166 PATRIZI, S

CSE 397 CLINICAL CARDIOLOGY
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Advanced topics in the theory and application of computational science and engineering. and Computational Science, Engineering, and Mathematics 397 may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with M E 379M, BME 385J, M E 397.
• 66565 W 1000 - 1100 PAR 103 BEASLEY, H

COMP PDE-CONSTRND BAYESIAN INV
Course number may be repeated for credit when the topics vary. Advanced topics in the theory and application of computational science and engineering. and Computational Science, Engineering, and Mathematics 397 may not both be counted unless

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the topics vary. Prerequisite: Graduate standing and consent of instructor. Topic description: Explore both theoretical and computational aspects of Bayesian inversion framework and theorem, MCMC theory, PDE-contrained optimization theory/methods, randomization methods for inverse problems, data assimilation methods for inverse problems, and introduction to infinite dimensional analysis. meets with E M 397.
• 66570 TTH 930 - 1100 WRW 312 BUI, T

TISSUE/SCAFFOLD BIOMECHANICS
Course number may be repeated for credit when the topics vary. Advanced topics in the theory and application of computational science and engineering. and Computational Science, Engineering, and Mathematics 397 may not both be counted unless the topics vary. Prerequisite: Graduate standing and consent of instructor. Topic title: Cell, tissue and scaffold biomechanics for contemporary biomedical engineering applications. Topic description: Analysis of biosolid mechanics via the mechanical behavior of scaffolds and living tissues and cells. Emphasis on biomechanical application areas, including cell mechanics, engineered materials, hard and soft tissues, and organs. meets with BME 385J (TOPIC 7), BME 373, M E 385J.
• 66575 TTH 1230 - 200P GAR 2.112 SACKS, M

CSE 397H GRAD RESEARCH INTERNSHIP
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Practical work experience in a research/industrial setting. Internship to be arranged by student and approved by instructor. Restricted to computational science, engineering, and mathematics majors Prerequisite: Graduate standing and consent of supervising faculty member.
• 66579

CSE 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in computational science, engineering, and mathematics and consent of the graduate adviser; for 698B, Computational Science, Engineering, and Mathematics 698A.
• 66580

CSE 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in computational science, engineering, and mathematics and consent of the graduate adviser; for 698B, Computational Science, Engineering, and Mathematics 698A.
• 66585

CSE 398R MASTER'S REPORT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Preparation of a report to fulfill the requirement for the master's degree under the report option. Prerequisite: Graduate standing in computational science, engineering, and mathematics and consent of the graduate adviser.
• 66590

CSE 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 66595

CSE 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 66600

CSE 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 66605

CSE 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Computational Science, Engineering, and Mathematics 399R, 699R, or 999R.
• 66610

CSE 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Computational Science, Engineering, and Mathematics 399R, 699R, or 999R.
• 66615

CSE 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Computational Science, Engineering, and Mathematics 399R, 699R, or 999R.
• 66620

INTERNATIONAL OFFICE

English as a Second Language - ESL

ESL 501G ENGLISH LANGUAGE GRAMMAR
Designed to accommodate 35 or fewer students. Focus on improving understanding and use of English grammar in speaking and writing, as well as an introduction to American idioms. With consent of instructor, may be repeated for credit. May not be counted toward any University of Texas at Austin degree. Restricted to international exchange students. Prerequisite: English as a second language placement test and consent of instructor.
• 66675 MWF 1100 - 1245P INT 201 TERZI, F

ESL 501R ENGLISH LANGUAGE READING
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Focus on improving reading skills with an emphasis on understanding and discussing a variety of texts, using effective reading strategies, developing vocabulary, and increasing reading speed. With consent of instructor, may be repeated for credit. May not be counted toward any University of Texas at Austin degree. Restricted to international exchange students. Prerequisite: English as a second language placement test and consent of instructor.
• 66680 TTH 100 - 315P INT 201 TERZI, F

ESL 501S ENGLISH LANGUAGE SPEAKING
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Focus on improving listening and speaking through activities such as note-taking, conversation practice, and participating in discussions. Emphasis on speaking in a variety of contexts; developing appropriate pronunciation, pitch, rhythm, and stress; increasing fluency; and expanding spoken vocabulary. With consent of instructor, may be repeated for credit. May not be counted toward any University of Texas at Austin degree. Restricted to international exchange students. Prerequisite: English as a second language placement test and consent of instructor.
• 66685 MWF 200 - 330P INT 201 TERZI, F

ESL 501W ENGLISH LANGUAGE WRITING
Additional hour(s) to be arranged. Focus on improving writing skills by increasing writing fluency and accuracy at the sentence, paragraph, and essay levels. Emphasis on structure, organization, and development of ideas. With consent of instructor, may be repeated for credit. May not be counted toward any University of Texas at Austin degree. Restricted to international exchange students.
• 66690 MWF 900 - 1030 INT 201 TERZI, F

ESL 388S ORAL COMMUNICATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in speaking skills. Focuses on pronunciation, fluency, grammatical accuracy, vocabulary development, formal presentations, and graduate-level discussions. With consent of instructor, may be repeated for credit. Offered on the credit/no credit basis only. Restricted to international students. Prerequisite: Graduate standing and consent of instructor.
• 66695 TTH 930 - 1100 CBA 4.338 EPISCOPO, S
• 66700 TTH 1230 - 200P CBA 4.340 ACKLEY, M

ORAL COMMUNICATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in speaking skills. Focuses on pronunciation, fluency, grammatical accuracy, vocabulary development, formal presentations, and graduate-level discussions. With consent of instructor, may be repeated for credit. Offered on the credit/no credit basis only. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. meets with ESL 388S.
• 66705 TTH 1100 - 1230P ACKLEY, M

ORAL COMMUNICATION
Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in speaking skills. Focuses on pronunciation, fluency, grammatical accuracy, vocabulary development, formal presentations, and graduate-level discussions. With consent of instructor, may be repeated for credit. Offered on the credit/no credit basis only. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Arts in Economics program 18 month track.
• 66710 TTH 1230 - 200P CAL 21 ACKLEY, M

ORAL COMMUNICATION
Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in speaking skills. Focuses on pronunciation, fluency, grammatical accuracy, vocabulary development, formal presentations, and graduate-level discussions. With consent of instructor, may be repeated for credit. Offered on the credit/no credit basis only. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Arts in Economics program 18 month track.
• 66715 TTH 930 - 1100 EPISCOPO, S

ORAL COMMUNICATION
Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in speaking skills. Focuses on pronunciation, fluency, grammatical accuracy, vocabulary development, formal presentations, and graduate-level discussions. With consent of instructor, may be repeated for credit. Offered on the credit/no credit basis only. Restricted to international students. Prerequisite: Graduate standing

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and consent of instructor. Restricted to students in the Master of Arts in Economics program 18 month track. meets with ESL 388S.

• 66720	TTH	1100 - 1230P			ACKLEY, M

ESL 388W ACADEMIC WRITING

Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in writing skills. Focuses on basic syntax and sentence structure, paragraph and essay writing, and basic research writing. With consent of instructor, may be repeated for credit. Restricted to international students. Prerequisite: Graduate standing and consent of instructor.

• 66725	T	1230 - 200P	CBA 4.336	STRIGLER, S
	TH	1230 - 200P	CBA 4.346	

ACADEMIC WRITING

Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in writing skills. Focuses on basic syntax and sentence structure, paragraph and essay writing, and basic research writing. With consent of instructor, may be repeated for credit. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. meets with ESL 388W.

• 66730	TTH	200 - 330P			STRIGLER, S

ACADEMIC WRITING

Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in writing skills. Focuses on basic syntax and sentence structure, paragraph and essay writing, and basic research writing. With consent of instructor, may be repeated for credit. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Arts in Economics program 18 month track.

• 66735	T	1230 - 200P			STRIGLER, S
	TH	1230 - 200P			

ACADEMIC WRITING

Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Practicum in writing skills. Focuses on basic syntax and sentence structure, paragraph and essay writing, and basic research writing. With consent of instructor, may be repeated for credit. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Arts in Economics program 18 month track. meets with ESL 388W.

• 66740	TTH	200 - 330P			STRIGLER, S

ACADEMIC WRITING

Offered on the credit/no credit basis only. Practicum in writing skills. Focuses on basic syntax and sentence structure, paragraph and essay writing, and basic research writing. With consent of instructor, may be repeated for credit. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Arts in Economics program 24 month track.

• 66745	T	1230 - 200P			STRIGLER, S
	TH	1230 - 200P			

ESL 389S ADVANCED ORAL COMMUNICATION

Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Focuses on accuracy and development of the speaking skills needed in academic contexts. With consent of instructor, may be repeated for credit. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. meets with ESL 389S.

• 66750	T	200 - 330P			MCGREGOR, L
	TH	200 - 330P	MEZ 1.206		

ADVANCED ORAL COMMUNICATION

Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Focuses on accuracy and development of the speaking skills needed in academic contexts. With consent of instructor, may be repeated for credit. Restricted to international students. Prerequisite: Graduate standing and consent of instructor. Restricted to students in the Master of Arts in Economics program 24 month track. meets with ESL 389S.

• 66755	T	200 - 330P			MCGREGOR, L
	TH	200 - 330P			

ESL 389T COMMUNICATION AND TEACHING CUL

Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Focuses on pronunciation, presenting and summarizing information, and relevant topics in intercultural communication. With consent of instructor, may be repeated for credit. Offered on the credit/no credit basis only. Restricted to international students. Prerequisite: Graduate standing and consent of instructor.

• 66760	TTH	930 - 1100	CBA 4.346		MCCOURT, C
• 66765	MW	300 - 430P	CBA 4.338		MCCOURT, C

ESL 389W ADVANCED ACADEMIC WRITING

Offered on the credit/no credit basis only. Restricted enrollment; contact the department for permission to register for this class. Focuses on the writing skills needed for qualifying exams, research, and conference papers. With consent of instructor, may be repeated for credit. Restricted to international students. Prerequisite: Graduate standing and consent of instructor.

• 66770	TTH	200 - 330P	UTC 4.120		VAUGHN, T

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