COURSE OFFERINGS
SPRING 2019

SCHOOL OF ARCHITECTURE

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

ARI 310L DESIGN II
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 environment, including color, material, and texture. Taught in a studio format by faculty members under the direction of a faculty coordinator. Restricted to students in the School of Architecture. Prerequisite: Architecture 310K and 311K or Architectural Interior Design 310K and 311K with a grade of at least C in each, and registration for Architecture 311L or Architectural Interior Design 311L. same as ARC 310L.
• 00310 MWF 1000 - 100P

ARI 311L VISUAL COMMUNICATION II
Study and application of drawing and other communication skills for designers, including color, light and shadow, and projections. Employs manual and digital techniques. Restricted to students in the School of Architecture. Prerequisite: Architecture 310K and 311K or Architectural Interior Design 310K and 311K with a grade of at least C in each, and registration for Architecture 310L or Architectural Interior Design 310L. same as ARC 311L. also meets with ARI 311L.
• 00315 TTH 800 - 1100 BUR 216 ROSNER, J
• 00320 TTH 800 - 1100 BUR 216 ROSNER, J

ARI 318M INTERIOR DESIGN HISTORY
Survey of interior design from antiquity through the eighteenth century,including theoretical, social, technical, and environmental forces. Prerequisite: Architectural Interior Design 318K with a grade of at least C. meets with ARI 388K.
• 00325 TTH 930 - 1100 SUT 2.114 DUDLEY, T

ARI 520L DESIGN IV-INTERIORS
Additional hour(s) to be arranged. Explores linkages between multiple interior spaces and the study of spatial thresholds. Investigates individual spaces in relation to the body and the surrounding environment, utilizing a clearly defined program. Restricted to students in the School of Architecture. Prerequisite: Architectural Interior Design 320K, Architecture 415K, andArchitectural Interior Design 221K or Architecture 221K, with a grade ofat least C in each.
• 00330 MWF 900 - 100P

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.
• 00335

ARI 530T DESIGN VI-INTERIORS
Capstone studio with specific design projects from current markets. Application of code issues, regulatory restraints, fire safety, and regulations for accessibility in interiors. Restricted to students in the School of Architecture. Prerequisite: Architectural Interior Design 324K and 530K with a grade of at least C in each. meets with ARI 695.
• 00340 MWF 100 - 600P

ARI 434K CONST II-INT MATLS/ASSEMBLIES
Core concepts in interior materials, assemblies, and systems. Includes material properties, environmental and sustainable issues, attachment, detailing, and product specifications. Projects encourage manipulation and assembly of various material systems. Case studies using material samples, and field trips to sites of fabrication. Restricted to students in the School of Architecture. Prerequisite: Architecture 415K with a grade of at least C. meets with ARI 385L.
• 00345 TTH 1230 - 330P SUT 2.114 GLASS, T

ARI 350R MANAGING THE DESIGN PROJECT
Designed to accommodate 35 or fewer students. 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 13), ARC 386M (TOPIC 14).
• 00350 TH 200 - 500P SUT 2.110 JENNINGS, R

ARI 560R ADV DESIGN: INTERIORS
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. meets with ARC 696, LAR 696.
• 00355 MWF 100 - 600P

ADV DESIGN: INTERIORS
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. meets with ARI 696.
• 00360 MWF 100 - 600P

ARI 362 INTERIOR DESIGN PRACTICE
Business procedures, professional practice, design project control and management, and professional ethics. Documents procedures for interior design. Restricted to students in the School of Architecture. Prerequisite: Upper-division standing or consent of instructor.
• 00365 TTH 930 - 1100 WMB 3.108 ODOM, C

ARI 384K ENVIRONMENTAL CONTROL I
Designed to accommodate 35 or fewer students. Survey of acoustics, color, light, illumination, and electrical and information systems in architectural interiors. Includes techniques of documentation. Prerequisite: Graduate standing and consent of the graduate adviser. Additional hour(s) to be arranged. meets with ARC 384K.
• 00370 MW 1030 - 1200 SUT 2.114 PYREK, A
M 700 - 800P

ARI 385L CONST II: INT MATLS/ASSEMBLIES
Additional hour(s) to be arranged. Core concepts in interior materials, assemblies, and systems. Includes material properties, environmental and sustainable issues, attachment, detailing, and product specifications. Projects encourage manipulation and assembly of various material systems. Also includes case studies using material samples, and field trips to sites of fabrication. Restricted to students in the Master of Interior Design, first professional program. Prerequisite: Graduate standing, Architectural Interior Design 385K with a grade of at least C, and consent of graduate adviser. meets with ARI 434K.
• 00375 TTH 1230 - 330P SUT 2.114 GLASS, T

ARI 386M INSIDE UTOPIA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 386M.
• 00380 F 900 - 1200 WMB 3.108 FELIZ ARRIZABALAGA

MANAGING THE DESIGN PROJECT
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 13), ARC 386M (TOPIC 14).
• 00385 TH 200 - 500P SUT 2.110 JENNINGS, R

ARI 388K INTERIOR DESIGN HISTORY I
Survey of interior design from antiquity through the eighteenth century, including theoretical, social, technical, and environmental issues. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARI 318M.
• 00390 TTH 930 - 1100 SUT 2.114 DUDLEY, T

ARI 392F DIGITAL DRAWING/FABRICATION
Focus on advanced visual communication methodologies necessary for architectural generation, translation, and output. Architectural Interior Design 381R (Topic: Digital Drawing and Fabrication) and 392F may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 328F, ARC 381F.
• 00395 MW 830 - 1000 WMB 1.114 JOFRE-LORA, J

ARI 693 MASTER'S DSN STUDIO: INTERIORS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Advanced study in architectural interior design, addressing complex design problems and issues related to various architectural topics. Restricted to students in the Master of Interior Design, first professional program. Prerequisite: Graduate standing and consent of the graduate adviser.
• 00400

ARI 693L INTERIOR DESIGN CORE STUDIO II
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. Prerequisite: Graduate standing, Architectural Interior Design 693K with a grade of at least C, and consent of the graduate adviser. meets with ARC 694.
• 00405 MWF 100 - 600P

ARI 695 INTERIOR DSGN: TECHNCL STUDIO
Comprehensive studio that focuses on combining the elements that create a thorough interior design. Prerequisite: Graduate standing, Architectural Interior Design 693K and 693L, and consent of the graduate adviser. meets with ARI 530T.
• 00410 MWF 100 - 600P

ARI 696 ADV DESIGN: INTERIORS
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. meets with ARI 560R.
• 00415 MWF 100 - 600P

ADV DESIGN: INTERIORS
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, sustaina-

course	unique	days	time	room	instructor

bility, and health care. Prerequisite: Graduate standing, Architectural Interior Design 693K and 693L, and consent of the graduate adviser.

• 00420	MWF	100 - 600P		

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.

• 00425				

ARC 308 ARCHITECTURE AND SOCIETY

Designed to accommodate 100 or more students. Introduction to the social contexts, potential, and consequences of architecture and interior design.

• 00480	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	M	900 - 1000	GOL 3.118	
• 00485	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	M	900 - 1000	SUT 4.118	
• 00490	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	W	900 - 1000	GOL 3.118	
• 00495	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	W	900 - 1000	JES A217A	
• 00500	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	W	900 - 1000	SUT 2.114	
• 00505	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	F	900 - 1000	GAR 2.128	
• 00510	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	F	900 - 1000	SUT 2.114	
• 00515	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	F	900 - 1000	WMB 4.118	
• 00520	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	T	1100 - 1200	JES A216A	
• 00525	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	W	1100 - 1200	JES A207A	
• 00530	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	TH	1100 - 1200	JES A216A	
• 00535	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	F	1100 - 1200	SUT 2.112	
• 00540	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	T	330 - 430P	BEN 1.102	
• 00545	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	TH	330 - 430P	SUT 2.114	
• 00550	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	T	500 - 600P	PAR 302	
• 00555	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	TH	500 - 600P	PAR 302	
• 00560	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	M	800 - 900	WMB 4.118	
• 00565	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	M	900 - 1000	SUT 2.114	
• 00570	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	M	1000 - 1100	WAG 208	
• 00575	TTH	1230 - 200P	UTC 2.112A	SPECK, L
	M	1100 - 1200	JES A203A	

ARC 310L DESIGN II

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 environment, including color, material, and texture. Taught in a studio format by faculty members under the direction of a faculty coordinator. Restricted to students in the School of Architecture. Prerequisite: Architecture 310K and 311K or Architectural Interior Design 310K and 311K with a grade of at least C in each, and registration for Architecture 311L or Architectural Interior Design 311L. same as ARI 310L.

• 00580	MWF	1000 - 100P		

ARC 311L VISUAL COMMUNICATION II

Study and application of drawing and other communication skills for designers, including color, light and shadow, and projections. Employs manual and digital techniques. Restricted to students in the School of Architecture. Prerequisite: Architecture 310K and 311K or Architectural Interior Design 310K and 311K with a grade of at least C in each, and registration for Architecture 310L or Architectural Interior Design 310L. same as ARI 311L. also meets with ARC 311L.

• 00585	TTH	800 - 1100	BUR 216	ROSNER, J
• 00590	TTH	800 - 1100	BUR 216	ROSNER, J

ARC 415L CONSTRUCTION II

Restricted enrollment; contact the department for permission to register for this class. Analysis of building assemblies, envelope design, and structures. Restricted to students in the School of Architecture. Prerequisite: Architecture 415K with a grade of at least C; Mathematics 408C or 408K; and Physics 302K and 102M, or 303K and 103M.

• 00595	TTH	930 - 1100	GOL 3.120	
	T	330 - 630P	GOL 2.110	
• 00600	TTH	930 - 1100	GOL 3.120	
	TH	330 - 630P	GOL 2.110	

ARC 318K WORLD ARCH: ORIGINS TO 1750

Designed to accommodate 100 or more students. Comparative study of the architecture of the ancient world, including Asia, Africa, the Americas, and Europe. Prerequisite: For students in the School of Architecture, Architecture 308 with a grade of at least C. meets with ARC 387F.

• 00605	TTH	1230 - 200P	HRH 2.104	GILL, R
	T	900 - 1000	GOL 3.118	
• 00610	TTH	1230 - 200P	HRH 2.104	GILL, R
	TH	900 - 1000	BTL 101	
• 00615	TTH	1230 - 200P	HRH 2.104	GILL, R
	F	900 - 1000	BTL 101	
• 00620	TTH	1230 - 200P	HRH 2.104	GILL, R
	M	1200 - 100P	BTL 101	
• 00625	TTH	1230 - 200P	HRH 2.104	GILL, R
	T	200 - 300P	MEZ 1.212	
• 00630	TTH	1230 - 200P	HRH 2.104	GILL, R
	W	200 - 300P	BTL 101	
• 00635	TTH	1230 - 200P	HRH 2.104	GILL, R
	W	200 - 300P	SUT 3.112	
• 00640	TTH	1230 - 200P	HRH 2.104	GILL, R
	F	200 - 300P	SUT 2.112	
• 00645	TTH	1230 - 200P	HRH 2.104	GILL, R
	W	300 - 400P	SUT 3.112	
• 00650	TTH	1230 - 200P	HRH 2.104	GILL, R
	TH	330 - 430P	SUT 2.112	

ARC 520E INTERMEDIATE STUDIO II

Intermediate-level studio emphasizing landscape, urban issues, housing, and developing design ability in relationship to city and nature. Taughtin a studio format by faculty members under the direction of a faculty coordinator. Architecture 520E and 520L may not both be counted. Restricted to students in the School of Architecture. Prerequisite: Architecture 320D (or 320K); Architecture 221K or Architectural Interior Design 221K; and Architecture 415K with a grade of at least C in each.

• 00655	MWF	100 - 600P		
• 00660	MWF	100 - 600P		
• 00665	MWF	100 - 600P		
• 00670	MWF	100 - 600P		
• 00675	MWF	100 - 600P		

ARC 520G INTERMEDIATE STUDIO IV

Intermediate-level studio emphasizing theory, raison-d'etre, program, and overlaps with other disciplines. Taught in a studio format by faculty members under the direction of a faculty coordinator. Architecture 520G and 530T may not both be counted. Restricted to students in the School of Architecture. Prerequisite: Architecture 320D (or 320K); Architecture 221K or Architectural Interior Design 221K; and Architecture 415K with a grade of at least C in each.

• 00680	MWF	100 - 600P		
• 00685	MWF	100 - 600P		
• 00690	MWF	100 - 600P		
• 00695	MWF	100 - 600P		

ARC 327D SUPRAFICIAL

Offered on the letter-grade basis only. Experimental application of digital tools, including software and hardware to develop new tactics for the design and fabrication of buildings. Only one of the following may be counted: Architecture 327D, 350R (Topic: Supraficial), Architectural Interior Design 327D. Prerequisite: For students in the School of Architecture, upper-divisionstanding; for others, upper-division standing and consent of instructor. same as ARI 327D.

• 00705	TH	700 - 1000P	SUT 2.110	BIEG, K

ARC 327R RACE AND GENDER BY DESIGN

Designed to accommodate 35 or fewer students. 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.

• 00707	T	500 - 800P	WMB 3.108	LEWIS, C

COMPUTATIONAL DESIGN

Designed to accommodate 35 or fewer students. 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.

• 00708	W	900 - 1200	SUT 2.110	BIEG, K

SPACE, OBJECT, RELATION

Designed to accommodate 35 or fewer students. 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. meets with ARC 386M.

• 00710	T	800 - 1100	BTL 101	BENEDIKT, M

DESIGN AND INFORMAL CITY

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. meets with CRP 385C, ARC 386M, URB 354.

• 00715	T	1230 - 330P	WMB 3.108	LEDESMA DE LEON, E

NATURE OF PUBLIC SPACES

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. meets with ARC 386M.

• 00720	TTH	930 - 1100	WMB 4.118	HOIDN, B

course	unique	days	time	room	instructor

SUSTAINABLE ARC 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. Prerequisite: Upper-division standing. meets with ARC 386M, CRP 389C.
• 00725 W 800 - 1100 WMB 4.118 FELKNER, J

THEORIZING SPACE: AMERICAS
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. meets with ARC 386M.
• 00730 M 900 - 1200 SUT 2.110 LARA, F

TWO HUNDRED WORDS
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. meets with ARC 386M.
• 00735 TH 330 - 630P BTL 101 ALTER, K

2-ARCHITECTURAL PHOTOGRAPHY
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 2) and 350R (Topic: Architectural Photography) may not both be counted. Prerequisite: Upper-division standing. meets with ARC 386M (TOPIC 3).
• 00740 T 200 - 500P GOL 3.118 HEYMANN, D

7-DESIGN PROCESS
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 7) and 350R (Topic: Design Process) may not both be counted. Prerequisite: Upper-division standing. meets with ARC 386M (TOPIC 8).
• 00745 M 600 - 900P SUT 2.110 MILOVANOVIC-BERTRA

13-MANAGING THE DESIGN PROJECT
Designed to accommodate 35 or fewer students. 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 327 (Topic 13) and 350R (Topic: Managing the Design Project) may not both be counted. Prerequisite: Upper-division standing. meets with ARI 386M, ARI 350R, ARC 386M (TOPIC 14).
• 00750 TH 200 - 500P SUT 2.110 JENNINGS, R

15-POETICS OF BUILDING
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 15) and 350R (Topic: Poetics of Building) may not both be counted. Prerequisite: Upper-division standing. meets with ARC 386M (TOPIC 16).
• 00755 M 900 - 1200 SUT 3.112 COKER, C

17-SOLAR GEOM/ENERGY FLOW BLDG
Designed to accommodate 35 or fewer students. 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 17) and 350R (Topic: Solar Geom/Energy Flow in Bldg) may not both be counted. Prerequisite: Upper-division standing. meets with ARC 386M (TOPIC 19).
• 00760 M 700 - 1000P SUT 2.112 WHITSETT, D

18-TIMBER TECHNOLOGIES
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 18) and 350R (Topic: Timber Technologies) may not both be counted. Prerequisite: Upper-division standing.
• 00765 W 900 - 1200 WMB 3.108 DANGEL, U

ARC 328D ADVANCED DRAWING
Focus on personal design methodology by exploring multiple drawing methods, skills and approaches including manual, digital, and hybrid techniques. Refines design communication skills by pairing clearly articulated design intention with compelling drawings, and expressing them via effective verbal presentations. Architecture 328D and 351R (Topic: Advanced Drawing: Draw Blood) may notboth be counted. Prerequisite: Upper-division standing and Architecture 520L with a gradeof at least C, or consent of instructor. meets with ARC 392D.
• 00770 M 630 - 930P GOL 2.110 BLOOD, J

ARC 328F DIGITAL DRAWING/FABRICATION
Focus on advanced visual communication methodologies necessary for architectural generation, translation, and output. Architecture 328F and 351R (Topic: Digital Drawing and Fabrication) may not both be counted. Prerequisite: Architecture 520L with a grade of at least C, or consent of instructor. meets with LAR 392F, ARC 381F, ARI 392F.
• 00775 MW 830 - 1000 WMB 1.114 JOFRE-LORA, J

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.
• 00780 TTH 230 - 530P GOL 1.108 MACEK, M

ARC 333 SITE DESIGN
Restricted enrollment; contact the department for permission to register for this class. History, theory, and technique of landscape design, with emphasis on therelationship of a building to its landscape. Restricted to students in the School of Architecture. Prerequisite: Upper-division standing. meets with ARC 383S.
• 00785 TTH 1230 - 200P GOL 3.120 HEYMANN, D

ARC 334L ENVIRONMENTAL CONTROLS II
Restricted enrollment; contact the department for permission to register for this class. A survey of heating, ventilating, air conditioning, vertical transportation, and wiring and plumbing systems in buildings, including techniques of documentation. Restricted to students in the School of Architecture. Prerequisite: Architecture 334K or Architectural Interior Design 324K with a grade of at least C.
• 00790 MWF 1100 - 1200 GOL 3.120 GARRISON, M
W 600 - 700P

ARC 435L CONSTRUCTION IV
Theories of building behavior and materials; structural system analysis and design. Restricted to students in the School of Architecture. Prerequisite: Architecture 435K with a grade of at least C.
• 00795 TTH 200 - 330P GOL 3.120 FAJKUS, M
T 700 - 1000P SUT 2.112
• 00800 TTH 200 - 330P GOL 3.120 FAJKUS, M
TH 700 - 1000P SUT 2.112

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.
• 00805 TTH 1230 - 200P GOL 2.110 SIMON, K

ARC 342D FRANK LLOYD WRIGHT: DES/MTD/TH
Offered on the letter-grade basis only. A comprehensive study of Frank Lloyd Wright's life and work with emphasis on the analyses of his design methods and theories. Only one of the following may be counted: Architecture 342D, 368R (Topic: Frank Lloyd Wright), Architectural Interior Design 342D. same as ARI 342D. also meets with ARC 395D.
• 00810 T 200 - 500P WMB 4.118 ALOFSIN, A

ARC 342F HIST/THEORS LANDSCP ARCH II
Continuation of Architecture 342D through the modern period to contemporary times. Formal and cultural history of gardens, parks, and public landscapes from 1700 to about 1990. Includes comparative material from the contemporary period, 1980 to 2010. Architecture 342F and 368R (Topic: History and Theories of Landscape Architecture II) 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 388L, ARC 395F, URB 353.
• 00815 MW 930 - 1100 SUT 2.112 BENES, M

ARC 342K REPSNT LNDSCP/ARCH 1500-2015
Offered on the letter-grade basis only. Explores the roles of visual representation in design and professional practice from Leonardo da Vinci to the digital age. An overview of the history of techniques, media, and conventions of representation in architecture and landscape architecture and in their intersections. Includes some drawing and painting. Architecture 342K and 368R (Topic: Representing Landscape and Architecture, 1500-2015) 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 ARC 395K, LAR 395K.
• 00820 T 200 - 500P BTL 101 BENES, M

ARC 342R GOTHAM/MODERN ARCHITECTURE
Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in the history of architecture. 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.
• 00825 W 900 - 1200 WMB 3.116 ALOFSIN, A

HIST OF AMERICAN CITY-BLDG
Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in the history of architecture. 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 CRP 392C (TOPIC 1), ARC 388R, URB 353.
• 00830 T 200 - 500P SUT 2.110 HOLLERAN, M

PROF DSGN PRAC: BAROQ ROME
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in the history of architecture. 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 LAR 388, ARC 388R.
• 00834 T 200 - 500P BTL 101 BENES, M

SECRET KNOWLEDGE MSTR BLDRS
Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in the history of architecture. 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.
• 00835 TTH 200 - 330P WMB 3.116 IBARRA SEVILLA, B

SOVIET AVANT GARDE: 1917-37
Course number may be repeated for credit when the topics vary. Seminars and lecture/seminars on advanced topics in the history of architecture. Prerequisite: For stu-

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dents 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.
• 00840 W 630 - 930P BTL 101 UDOVICKI, D

1-20TH-CEN LATIN AMER 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 1) and 368R (Topic: 20th-Cen Latin American Arch) 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 1).
• 00845 TH 800 - 1100 SUT 3.112 LARA, F

2-AMERICAN ARCHITECTURE
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 2) and 368R (Topic: American 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 2).
• 00850 TTH 1230 - 200P SUT 3.112 CLEARY, R

5-GERMAN MODERNISM
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 5) and 368R (Topic: German Modernism) 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 5).
• 00855 TTH 1230 - 200P BTL 101 LONG, C

7-HISTORY OF BUILD TECHNOLOGY
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 7) and 368R (Topic: History of Building Technology) 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 7).
• 00860 W 900 - 1200 BTL 101 CLEARY, R

9-LOOS AND MIES
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 9) and 368R (Topic: Loos and Mies) may not bothbe 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 9).
• 00865 M 900 - 1200 BTL 101 LONG, C

ARC 350R 1-THE MODERN AMERICAN CITY
Course number may be repeated for credit when the topics vary. Advanced topics in architecture and associated disciplines to encourage critical and theoretical thinking. Issues facing residents of United States cities, such as transportation and housing, poverty and crime, metropolitan finance, environmental and architectural design; historical/comparative urban evolution. Prerequisite: For students in the School of Architecture, upper-division standing; for others, upper-division standing and consent of instructor; additional prerequisites may vary with the topic. Prerequisite: Upper-division standing. same as GRG 337, URB 352 (TOPIC 1).
• 00870 TTH 1100 - 1230P HEYMAN, R

ARC 351R RNDRING/ANMTN BUILT ENVIR
Course number may be repeated for credit when the topics vary. Advanced topics in various methods of visual communication. Prerequisite: Architecture 520L with a grade of at least C, or consent of instructor. meets with ARC 380C, LAR 381R (TOPIC 1).
• 00875 F 900 - 1200 WMB 1.110 HASBROUCK, H
M 1030 - 1200 WMB 1.110

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.
• 00880 MWF 100 - 600P
• 00885 MWF 100 - 600P

ARC 561R ADV ARCH 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.
• 00890 MWF 100 - 600P
• 00895 MWF 100 - 600P
• 00900 MWF 100 - 600P
• 00905 MWF 100 - 600P
• 00910 MWF 100 - 600P

ADV ARCH 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.
• 00915 MWF 100 - 600P

ARC 661R ADVANCED DESIGN-PRP
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.
• 00920

ARC 361T TECHNICAL COMMUNICATION
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.
• 00925 TTH 200 - 500P 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 School of Architecture students in the professional residency program.
• 00930

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.
• 00935 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 School of Architecture students in the professional residency program.
• 00940

ARC 379 ARCHITECTURAL RESEARCH-PRP
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. Restricted to School of Architecture students in the professional residency program.
• 00945

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.
• 00950

ARC 380C RNDRING/ANMTN BUILT ENVIR
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. meets with ARC 351R, LAR 381R (TOPIC 1).
• 00955 F 900 - 1200 WMB 1.110 HASBROUCK, H
M 1030 - 1200 WMB 1.110

ARC 381F DIGITAL DRAWING & FABRICATION
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Focus on advanced visual communication methodologies necessary for architectural generation, translation, and output. Architecture 381F and 381R (Topic: Digital Drawing and Fabrication) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAR 392F, ARC 328F, ARI 392F.
• 00960 MW 830 - 1000 WMB 1.114 BRISCOE, D

ARC 381T TECHNICAL COMMUNICATION
Restricted enrollment; contact the department for permission to register for this class. 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.
• 00965 TTH 200 - 500P 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:

course	unique	days	time	room	instructor

Graduate standing and consent of the graduate adviser. meets with ARC 362, LAR 386.

• 00970	TTH	530 - 700P	GOL 3.120	SHULEY, K

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.

• 00975

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.

• 00980

ARC 383S SITE DESIGN

Restricted enrollment; contact the department for permission to register for this class. Fundamentals of building and landscape relationships. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 333.

• 00985	TTH	1230 - 200P	GOL 3.120	HEYMANN, D

ARC 384K ENVIRONMENTAL CONTROL I

Designed to accommodate 35 or fewer students. Survey of acoustics, color, light, illumination, and electrical and information systems in architectural interiors. Includes techniques of documentation. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARI 384K.

• 00990	MW	1030 - 1200	SUT 2.114	PYREK, A
	M	700 - 800P	SUT 2.114	

ARC 385L CONSTRUCTION II

Designed to accommodate 35 or fewer students. Analysis of building assemblies and materials, envelope design, and structures. Prerequisite: Graduate standing, Architecture 385K with a grade of at least C, Mathematics 408C or the equivalent with a grade of at least C, Physics 302K with a grade of at least C, and consent of the graduate adviser.

• 00995	TTH	930 - 1100	WMB 4.118	IBARRA SEVILLA, B
	TH	330 - 630P	WMB 4.118	

ARC 385N CONSTRUCTION IV

Theories of building behavior and materials; structural system analysis and design. Prerequisite: Graduate standing, Architecture 385M with a grade of at least C, and consent of the graduate adviser.

• 01000	TTH	200 - 330P	SUT 2.112	SNYDER, V
	T	700 - 1000P	GOL 3.120	

ARC 385T MATERIALS CONSERV: FIELD METHS

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

• 01005	M	900 - 1200	WMB 3.116	

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.

• 01010	W	900 - 1200	SUT 3.112	UDOVICKI, D

ARC 386M ARCH BEYOND EXPERIENCE

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 ARC 327R.

• 01015	T	800 - 1100	BTL 101	BENEDIKT, M

DESIGN AND INFORMAL CITY

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 385C, ARC 327R, URB 354.

• 01020	T	1230 - 330P	WMB 3.108	LEDESMA DE LEON, E

INSIDE UTOPIA

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 ARI 386M.

• 01025	F	900 - 1200	WMB 3.108	FELIZ ARRIZABALAGA

MODULES AND MONOLITHS

Hour(s) to be arranged. 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.

• 01029				JOFRE-LORA, J

NATURE OF PUBLIC SPACES

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 ARC 327R.

• 01030	TTH	930 - 1100	WMB 4.118	HOIDN, B

SPATIAL STORIES

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.

• 01035	TH	1230 - 330P	WMB 3.108	WIEDEMANN, N

SUSTAINABILITY: WHY THIS WAY

Designed to accommodate 35 or fewer students. 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.

• 01039	W	900 - 1200	BTL 101	JAESCHKE, A

SUSTAINABLE ARC DESIGN

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 ARC 327R, CRP 389C.

• 01040	W	800 - 1100	WMB 4.118	FELKNER, J

THEORIZING SPACE: AMERICAS

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 ARC 327R.

• 01045	M	900 - 1200	SUT 2.110	LARA, F

TWO HUNDRED WORDS

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 ARC 327R.

• 01050	TH	330 - 630P	BTL 101	ALTER, K

3-ARCHITECTURAL PHOTOGRAPHY

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: Architectural Photography) and 386M (Topic 3) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 327R (TOPIC 2).

• 01055	T	200 - 500P	GOL 3.118	HEYMANN, D

8-DESIGN PROCESS

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 Process) and 386M (Topic 8) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 327R (TOPIC 7).

• 01060	M	600 - 900P	SUT 2.110	MILOVANOVIC-BERTRA

14-MANAGING THE DESIGN PROJECT

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: Managing the Design Project) and 386M (Topic 14) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARI 386M, ARI 350R, ARC 327R (TOPIC 13).

• 01065	TH	200 - 500P	SUT 2.110	JENNINGS, R

16-POETICS OF BUILDING

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: Poetics of Building) and 386M (Topic 16) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 327R (TOPIC 15).

• 01070	M	900 - 1200	SUT 3.112	COKER, C

19-SOLAR GEOMETRY/ENERGY FLOW

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: Solar Geom/Energy Flow in Bldg) and 386M (Topic 19) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 327R (TOPIC 17).

• 01075	M	700 - 1000P	SUT 2.112	WHITSETT, D

21-TIMBER TECHNOLOGIES

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: Timber Technologies) and 386M (Topic 21) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser.

• 01080	W	900 - 1200	WMB 3.108	DANGEL, U

22-URBAN LAND INSTITUTE WRKSHP

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: Urban Land Institute Workshop) and 386M (Topic22) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with CRP 382C (TOPIC 4).

• 01085	M	630 - 930P	BTL 101	ATKINSON, S

25-PRESERVATION LAW

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: Preservation Law) and 386M (Topic 25) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with CRP 380F.

• 01090	TTH	930 - 1100	SUT 2.110	RAWLINS, R

27-RESEARCH 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: Research Design) and 386M (Topic 27) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser.

• 01095	F	930 - 1230P	SUT 2.110	FELKNER, J

10/11/2018

course	unique	days	time	room	instructor

ARC 387F WORLD ARCH: ORIGINS TO 1750

Introduction to architectural types, principles, and building technologies from prehistory to the mid-eighteenth century. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 318K.

• 01100	TTH	1230 - 200P	HRH 2.104	LOPEZ, S
	T	830 - 930	SUT 2.112	

ARC 388R BORDRLNDS/MEXCN LANDSCAPES

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 MAS 392, LAS 381.

• 01105	TH	300 - 600P	SUT 3.112	LOPEZ, S

GOTHAM/MODERN ARCHITECTURE

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 ARC 342R.

• 01110	W	900 - 1200	WMB 3.116	ALOFSIN, A

HIST OF AMERICAN CITY-BLDG

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 392C (TOPIC 1), ARC 342R, URB 353.

• 01115	T	200 - 500P	SUT 2.110	HOLLERAN, M

PROF DSGN PRAC: BAROQ ROME

Designed to accommodate 35 or fewer students. 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 LAR 388, ARC 342R.

• 01118	T	200 - 500P	BTL 101	BENES, M

HISTORY OF ARCHITECTURE THEORY

Designed to accommodate 35 or fewer students. 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.

• 01119	M	900 - 1200	BTL 101	LONG, C

SECRET KNOWLEDGE MSTR BLDRS

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 ARC 342R.

• 01120	TTH	200 - 330P	WMB 3.116	IBARRA SEVILLA, B

SOVIET AVANT GARDE: 1917-37

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 ARC 342R.

• 01125	W	630 - 930P	BTL 101	UDOVICKI, D

1-20TH CEN LATIN AMERICAN 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: 20th Century Latin American Architecture) and 388R (Topic 1) 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 1).

• 01130	TH	800 - 1100	SUT 3.112	LARA, F

2-AMERICAN ARCHITECTURE

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: American Architecture) and 388R (Topic 2) 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 2).

• 01135	TTH	1230 - 200P	SUT 3.112	CLEARY, R

5-GERMAN MODERNISM

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: German Modernism) and 388R (Topic 5) 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 5).

• 01140	TTH	1230 - 200P	BTL 101	LONG, C

7-HISTORY OF BUILD TECHNOLOGY

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: History of Building Technology) and 388R (Topic 7) 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 7).

• 01145	W	900 - 1200	BTL 101	CLEARY, R

9-LOOS AND MIES

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: Loos and Mies) and 388R (Topic 9) may not bothbe counted. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic. meets with ARC 342R (TOPIC 9).

• 01150	M	900 - 1200	BTL 101	LONG, C

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.

• 01155

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.

• 01160

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.

• 01165

ARC 390C 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.

• 01170

ARC 690JB 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.

• 01175

ARC 391D SUPRAFICIAL

Experimental application of digital tools, including software and hardware to develop new tactics for the design and fabrication of buildings. Only one of the following may be counted: Architecture 386M (Topic: Supraficial), 391D, Architectural Interior Design 386M (Topic: Supraficial), 391D. Prerequisite: For students in the School of Architecture, graduate standing; for others, graduate standing and consent of instructor. same as ARI 391D.

• 01180	TH	700 - 1000P	SUT 2.110	BIEG, K

ARC 392D ADVANCED DRAWING

Additional hour(s) to be arranged. Focus on personal design methodology by exploring multiple drawing methods, skills, and approaches including manual, digital, and hybrid techniques. Refines design communication skills by pairing clearly articulated design intention with compelling drawings, and expressing them via effective verbal presentations. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 328D.

• 01185	M	630 - 930P	GOL 2.110	BLOOD, J

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.

• 01190	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.

• 01195	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.

• 01200	MWF	100 - 600P		

Spring 2018

course	unique	days	time	room	instructor

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.

• 01205	MWF	100 - 600P		
• 01210	MWF	100 - 600P		
• 01215	MWF	100 - 600P		
• 01220	MWF	100 - 600P		
• 01225	MWF	100 - 600P		

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. meets with ARI 693L.

• 01230	MWF	100 - 600P		

ARC 395D FRANK LLOYD WRIGHT: DES/MTD/TH

Offered on the letter-grade basis only. Comprehensive study of Frank Lloyd Wright's life and work with emphasis on the analyses of his concepts of organic architecture, design methods,and theories. Only one of the following may be counted: Architecture 388R (Topic: Frank Lloyd Wright: Design, Method, Theory), 395D, Architectural Interior Design 388R (Topic: Frank Lloyd Wright: Design, Method, Theory), 395D, Landscape Architecture 388 (Topic: Frank Lloyd Wright), 395D. Prerequisite: Graduate standing. same as ARI 395D, LAR 395D. also meets with ARC 342D.

• 01235	T	200 - 500P	WMB 4.118	ALOFSIN, A

ARC 395F HIST/THEORS OF LANDSCP ARCH II

Continuation of Architecture 395E through the modern period and contemporary times. Formal and cultural history of gardens, parks, and public landscapes from 1700 to about 1990. Includes comparative material from the contemporary period, 1980 to 2010. Architecture 388R (Topic: History and Theories of Landscape Architecture II) and 395F may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAR 388L, ARC 342F, URB 353.

• 01240	MW	930 - 1100	SUT 2.112	BENES, M

ARC 395K REPSNT LNDSCP/ARCH 1500-2015

Explores the roles of visual representation in design and professional practice from Leonardo da Vinci to the digital age. An overview of the history of techniques, media, and conventions of representation in architecture and landscape architecture and in their intersections. Includes some drawing and painting. Only one of the following may be counted: Architecture 388R (Topic: Representing Landscape and Architecture, 1500-2015), 395K, Landscape Architecture 388 (Topic: Representing Landscape and Architecture, 1500-2015), 395K. Prerequisite: For students in the School of Architecture, graduate standing; for others, graduate standing and consent of instructor. same as LAR 395K. also meets with ARC 342K.

• 01245	T	200 - 500P	BTL 101	BENES, M

ARC 696 ADV ARCH 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.

• 01255	MWF	100 - 600P		
• 01260	MWF	100 - 600P		
• 01265	MWF	100 - 600P		
• 01270	MWF	100 - 600P		
• 01275	MWF	100 - 600P		
• 01280	MWF	100 - 600P		

ADV 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.

• 01285	MWF	100 - 600P		

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. meets with ARI 560R, LAR 696.

• 01295	MWF	100 - 600P		ALTER, K

ARC 697 MASTER'S DESIGN STUDIO

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Forum for advanced study in architecture, addressing complex design problems and issues related to various architectural topics. Prerequisite: Graduate standing and consent of the graduate adviser.

• 01300

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.

• 01305

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.

• 01310

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.

• 01315

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.

• 01320

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.

• 01325	W	1230 - 200P	SUT 2.110	HOLLERAN, M
	TH	700 - 830P	SUT 3.112	

ARC 399R DISSERTATION

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

• 01330

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.

• 01335

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.

• 01340

ARC 399W DISSERTATION

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

• 01345

ARC 699W DISSERTATION

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

• 01350

ARC 999W DISSERTATION

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

• 01355

CRP 369K PRINS OF PHYSICAL PLANNING

Introductory course in the physical dimension of urban planning. Only one of the following may be counted: Community and Regional Planning 369K, Urban Studies 352 (Topic: Principles of Physical Planning), 352 (Topic 6). Prerequisite: Upper-division standing, and one of the following with a grade of at least C: Architecture 561R, 661R, 561C, 560T, 660T. same as URB 352 (TOPIC 6).

• 01410	WF	900 - 1030	GOL 3.120	ALMY, D

CRP 380F PRESERVATION LAW

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. meets with ARC 386M (TOPIC 25).

• 01415	TTH	930 - 1100	SUT 2.110	RAWLINS, R

CRP 381M 2-QUAL & PARTICIPATORY MTHDS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Community and Regional Planning 381 (Topic: Participatory Methods in Community Planning) and 381M (Topic 2) may not both be counted. Restricted to students admitted to the Community and Regional Planning program. Prerequisite: Community and Regional Planning 381M Quantitative Methods (Topic 1).

• 01420	T	930 - 1100	SUT 2.112	MUELLER, E
	TH	930 - 1100	SUT 2.112	

10/11/2018

course	unique	days	time	room	instructor
	• 01425	TTH	230 - 400P	SUT 2.112	MUELLER, E

CRP 382C 4-URBAN LAND INSTITUTE WRKSHP

Course number may be repeated for credit when the topics vary. Subjects may include place-making, landscape and urban design, and physical planning and design at the national, regional, or local level. Prerequisite: Graduate standing. meets with ARC 386M (TOPIC 22).

• 01430	M	630 - 930P	BTL 101	ATKINSON, S

CRP 383 INFRASTRUCTURE GREEN/GREY

Designed to accommodate 35 or fewer students. 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.

• 01433	TH	530 - 830P	SUT 2.110	

BROWNFIELD SEMINAR

Designed to accommodate 35 or fewer students. 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.

• 01434	TTH	1230 - 200P	SUT 2.110	PATERSON, R

12-ENVRNMNTL LAW/PUBLIC HEALTH

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. Community and Regional Planning 381 (Topic 9) and 383 (Topic 12) may not-both be counted. Prerequisite: Graduate standing. meets with LAW 379M.

• 01435	MW	1230 - 200P	SUT 3.112	RAWLINS, R

CRP 384 PLANNING FOR MEGAREGIONS

Designed to accommodate 35 or fewer students. 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.

• 01439	MW	1230 - 200P	WMB 3.116	ZHANG, M

TRANSPORTATION EQUITY ANLYS

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.

• 01440	M	500 - 800P	WMB 1.110	KARNER, A

4-LAND USE AND TRANSPORT PLAN

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.

• 01445	W	330 - 630P	SUT 2.110	SCIARA, G

6-METRO TRANS STUDIES WITH GIS

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.

• 01450	MW	900 - 1030	WMB 1.110	ZHANG, M

7-TRANSIT-ORIENTED DEVELOPMENT

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.

• 01455	MW	1230 - 200P	SUT 2.114	ZHANG, M

10-BICYCLE/PED TRANSIT PLANNG

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: Bicycle/Ped Transit Planng) and 384 (Topic 10) may not both be counted. Prerequisite: Graduate standing and consent of graduate adviser.

• 01460	TTH	1230 - 200P	SUT 2.110	SCIARA, G

CRP 385C DESIGN AND INFORMAL CITY

Course number may be repeated for credit when the topics vary. Seminars and workshops on subjects including theory and analysis of social and economic sustainability of communities and regions and community led responses and initiatives. Prerequisite: Graduate standing. meets with ARC 386M, ARC 327R, URB 354.

• 01465	T	1230 - 330P	WMB 3.108	LEDESMA DE LEON, E

MOBLZ COMMUN & ENGAGNG VOLS

Course number may be repeated for credit when the topics vary. Seminars and workshops on subjects including theory and analysis of social and economic sustainability of communities and regions and community led responses and initiatives. Prerequisite: Graduate standing. meets with P A 388L, S W 395K.

• 01470	W	200 - 500P	SRH 3.220	BIXLER, R

POLICY ECOSYSTEM EXPLORATION

Course number may be repeated for credit when the topics vary. Seminars and workshops on subjects including theory and analysis of social and economic sustainability of communities and regions and community led responses and initiatives. Prerequisite: Graduate standing.

• 01475	F	900 - 1200	SRH 3.B7	MORRISON, J

CRP 685D PRACTICUM: MEXICO

Designed to accommodate 35 or fewer students. 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.

• 01478	MW	200 - 500P	SUT 2.110	WILSON, P

CRP 385C 3-SUSTANBL URBAN ECON DEV PLAN

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Seminars and workshops on subjects including theory and analysis of social and economic sustainability of communities and regions and community led responses and initiatives. Prerequisite: Graduate standing.

• 01479	W	600 - 900P	SUT 2.114	ODEN, M

CRP 386 2-APPLIED METHODS

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. Restricted to students admitted to the community and regional planning program. Prerequisite: Graduate standing and consent of graduate adviser. Additional prerequisite: Community and Regional Planning 386 (Topic 1).

• 01480	TTH	500 - 630P	WMB 1.110	KARNER, A

6-INTRO VISUAL COMM AND GIS

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. Restricted to students admitted to the community and regional planning program. Prerequisite: Graduate standing and consent of graduate adviser.

• 01485	T	200 - 500P	WMB 1.110	JIAO, J
• 01490	TH	200 - 500P	WMB 1.110	JIAO, J

9-SUSTAINABLE LAND USE PLANG

Designed to accommodate 35 or fewer students. 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.

• 01495	MW	900 - 1030	WMB 4.118	PATERSON, R
• 01500	MW	200 - 330P	WMB 4.118	PATERSON, R

12-FIN REAL EST: NONPROF/PROF

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. Community and Regional Planning 386 (Topic: Fin Real Est: NonProf/Prof Dev) and 386 (Topic 12) may not both be counted. Prerequisite: Graduate standing and consent of graduate adviser.

• 01505	MW	1100 - 1230P	SUT 2.112	WEGMANN, J

CRP 387C RACE AND THE BUILT ENVIRONMENT

Designed to accommodate 35 or fewer students. 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.

• 01509	MW	1100 - 1230P	WMB 3.108	COLLINS, M

2-WATER RESOURCES PLANNING

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. meets with LAR 385.

• 01510	W	330 - 630P	WMB 4.118	SCHUSTER, S

CRP 388 5-HOUSING PRACT/PUB POL LAT AM

Designed to accommodate 35 or fewer students. 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 P A 388K.

• 01513	M	600 - 900P	SRH 3.360	WARD, P

CRP 389C READINGS IN INTL PLANNING

Designed to accommodate 35 or fewer students. 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.

• 01514	T	200 - 500P	WMB 3.116	SLETTO, B

SUSTAINABLE ARC DESIGN

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 327R, ARC 386M.

• 01515	W	800 - 1100	WMB 4.118	FELKNER, J

1-PLAN FOR LAND DEVELOPMENT

Designed to accommodate 35 or fewer students. 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.

• 01520	MW	230 - 400P	SUT 2.112	WEGMANN, J

CRP 391D 2-PLANNING THEORY SEMINAR

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 theory and research methodology. Prerequisite: Graduate standing and admission to the community and regional planning doctoral program.

• 01524	T	500 - 800P	BTL 101	ODEN, M

Draft 11/20/18

course	unique	days	time	room	instructor

CRP 392C 1-HIST OF AMER CITY BUILDING
Course number may be repeated for credit when the topics vary. Includes topics in architectural history, with a focus on the twentieth century and Modernism; architectural conservation; preservation planningand cultural resource management; and design. Only one of the following may be counted: Architecture 388R (Topic: History of American City-Building), Community and Regional Planning 389C (Topic: History of American City-Building), 392C (Topic: History of American City-Building), 392C (Topic 1). Prerequisite: Graduate standing. meets with ARC 388R, ARC 342R, URB 353.
• 01525 T 200 - 500P SUT 2.110 HOLLERAN, M

CRP 395D PLANNING STUDIO
Laboratory hour(s) to be arranged. Continuation of Community and Regional Planning 395C. With consent of the graduate adviser, may be repeated for credit. Prerequisite: Graduate standing, Community and Regional Planning 395C, and consent of the graduate adviser. meets with LAS 381.
• 01530 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.
• 01535

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.
• 01540

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.
• 01545

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.
• 01550

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.
• 01555

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.
• 01560

CRP 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 01565

CRP 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 01570

CRP 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 01575

CRP 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Community and Regional Planning 399R, 699R, or 999R.
• 01580

CRP 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Community and Regional Planning 399R, 699R, or 999R.
• 01585

CRP 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Community and Regional Planning 399R, 699R, or 999R.
• 01590

LAR 381R 1-RNDRING/ANMTN BUILT ENVIR
Course number may be repeated for credit when the topics vary. Advanced topics in media and interpretation, such as freehand drawing, measured drawings, aspects of computer graphics, geographic information systems, and photography. Digital visualization techniques used to model three dimensional environments and motion with digital media. Includes lectures, software demonstrations, and projects that focus on the digital translation of spatial experience, including the visualization techniques associated with rendering texture, character and environment. Landscape Architecture 381R (Topic: Visualization/Digital Representationin Design) and 381R (Topic 1) may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. Additional prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 351R, ARC 380C.
• 01645 F 900 - 1200 WMB 1.110 HASBROUCK, H
M 1030 - 1200 WMB 1.110

LAR 682T LNDSCP ARCH DSGN STUDIO II
Offered on the letter-grade basis only. Second core design studio that examines the issues, methods, and theories studied in Landscape Architecture 682 with increasing levels ofcomplexity. Prerequisite: Graduate standing, Landscape Architecture 682 with a gradeof at least C, credit or registration for Landscape Architecture 385L and 388L, and consent of the graduate adviser.
• 01650 MWF 100 - 600P

LAR 384 NATIVE PLANTS
Course number may be repeated for credit when the topics vary. Study of habitat, site and technical conditions, and characteristics of plant typologies and their application to landscape practice. Prerequisite: Graduate standing and consent of the graduate adviser.
• 01655 T 430 - 730P MANN, D

LAR 385 WATER RESOURCES PLANNING
Course number may be repeated for credit when the topics vary. Elective seminars in aspects of environmental analysis, ecological and systemic approaches, sustainable development, and applied methods of geographic information systems. Prerequisite: Graduate standing and consent of the graduate adviser. meets with CRP 387C (TOPIC 2).
• 01660 W 330 - 630P WMB 4.118 SCHUSTER, S

LAR 385L TECHNOLOGY WORKSHOP II
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Materials and methods of landscape construction, advanced site work techniques, and theories for material selection and application within the design process. Examines the representation, application, and integration of detail and design intent. Prerequisite: Graduate standing, Landscape Architecture 385K with a grade of at least C, and consent of the graduate adviser.
• 01665 TTH 900 - 1100 WMB 3.116 SHARP, D

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.
• 01670 TTH 530 - 700P GOL 3.120 SHULEY, K

LAR 388 PROF DSGN PRAC: BAROQ ROME
Designed to accommodate 35 or fewer students. 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, ARC 388R.
• 01674 T 200 - 500P BTL 101 BENES, M

LAR 388L HIST/THEORS OF LANDSCP ARCH II
Designed to accommodate 35 or fewer students. Landscape architecture from 1700 to the present, with a focus on design language, theoretical frameworks, and the critical components of contemporary landscape design and thought. Prerequisite: Graduate standing, Landscape Architecture 388K with a grade of at least C, and consent of the graduate adviser. meets with ARC 395F, ARC 342F, URB 353.
• 01675 MW 930 - 1100 SUT 2.112 BENES, M

LAR 689 RESEARCH IN LANDSCAPE ARCH
Hour(s) to be arranged. Investigation of topics in landscape architecture selected by the student with approval of the Graduate Studies Committee. Prerequisite: Graduate standing and consent of the graduate adviser.
• 01680

LAR 392F DIGITAL DRAWING/FABRICATION
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Focus on advanced visual communication methodologies necessary for architectural generation, translation, and output. Only one of the following may be counted: Architectural Interior Design 381R (Topic: Digital Drawing and Fabrication), Landscape Architecture 381R (Topic: Digital Drawing and Fabrication), and 392F may not both be counted. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ARC 328F, ARC 381F.
• 01685 MW 830 - 1000 WMB 1.114 BRISCOE, D

LAR 695 LNDSCP ARCH DSGN STUDIO IV
Offered on the letter-grade basis only. Fourth core design studio that engages theory and practice, and providesstudents with an opportunity to consider a landscape project from initial research and site investigation to detailed design, implementation, and technical resolution. Prerequisite: Graduate standing, Landscape Architecture 694T with a grade of at least C, and consent of the graduate adviser.
• 01690 MWF 100 - 600P

10/11/2018

LAR 395K REPSNT LNDSCP/ARCH 1500-2015

Explores the roles of visual representation in design and professional practice from Leonardo da Vinci to the digital age. An overview of the history of techniques, media, and conventions of representation in architecture and landscape architecture and in their intersections. Includes some drawing and painting. Only one of the following may be counted: Architecture 388R (Topic: Representing Landscape and Architecture, 1500-2015), 395K, Landscape Architecture 388 (Topic: Representing Landscape and Architecture, 1500-2015), 395K. Prerequisite: For students in the School of Architecture, graduate standing; for others, graduate standing and consent of instructor. same as ARC 395K. also meets with ARC 342K.

- 01695 T 200 - 500P BTL 101 BENES, M

LAR 696 ADV DESIGN: LANDSCAPE STUDIO

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: Graduate standing, Landscape Architecture 695 with a grade of at least C, and consent of the graduate adviser.

- 01700 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.

- 01710

LAR 397L LANDSCAPE ARCH PRACTICUM

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.

- 01715

RED McCOMBS SCHOOL OF BUSINESS

Business Administration - B A

B A 101S PROF DEVLOP & CAREER PLANNING

Offered on the letter-grade basis only. Discussion of issues surrounding career planning, implementation, and evaluation in order to establish career goals. Strategies for executing a successful job search, including interviewing techniques, resumes, networking, and job search ethics. Focus on career management as a lifelong process. Only one of the following may be counted: Business Administration 101H, 101S, 101T. Restricted to freshmen students in the McCombs School of Business.

- 01770 T 800 - 930 GSB 2.124 FENLEY, G
- 01775 TH 800 - 930 GSB 2.124 KIOUS, A
- 01780 M 330 - 500P GSB 2.124 FENNEWALD, E
- 01785 T 330 - 500P GSB 2.124 EHRISMAN, M
- 01790 W 330 - 500P GSB 2.124 WIKE, E
- 01795 TH 330 - 500P GSB 2.124 GIAMBALVO, G

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 in order to establish career goals. Strategies for executing a successful job search, including interviewing techniques, resumes, networking, and job search ethics. Focus on career management as a lifelong process. Only one of the following may be counted: Business Administration 101H, 101S, 101T. Restricted to freshmen students in the McCombs School of Business.

- 01800 W 800 - 930 GSB 2.124 MEDINA, M

B A 205 LEADERSHIP: STUDENT PEER MNTRS

Course number may be repeated for credit when the topics vary. Explores current theory and research related to peer mentoring and leadership with higher education and business. Restricted to students in the McCombs School of Business. Prerequisite: Varies with the topic.

- 01805 W 300 - 500P RLP 1.106 HOLMAN, T

B A 324 BUSN COMM: ORAL AND WRITTEN

Designed to accommodate 35 or fewer students. 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.

- 01810 MWF 800 - 900 CBA 4.322 BARRETT, M

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.

- 01815 TTH 800 - 930 CBA 4.322

BUSN COMM: ORAL AND WRITTEN

Designed to accommodate 35 or fewer students. 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.

- 01820 MWF 900 - 1000 CBA 4.322 BARRETT, M
- 01825 TTH 930 - 1100 CBA 4.322 PRYOR, T
- 01830 MWF 1000 - 1100 CBA 4.322 CARROLL, R
- 01835 MWF 1100 - 1200 CBA 4.322 MORRIS, M
- 01840 TTH 1100 - 1230P CBA 4.322 MURPHY, M
- 01845 MWF 1200 - 100P CBA 4.322 CARROLL, R

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.

- 01850 TTH 1230 - 200P CBA 4.322

BUSN COMM: ORAL AND WRITTEN

Designed to accommodate 35 or fewer students. 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 in-

10/11/2015

cluded. 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.

• 01855	MWF	100 - 200P	CBA 4.322	MORRIS, M
• 01860	MW	1100 - 1230P	SZB 416	GOINS, E
• 01865	MWF	200 - 300P	CBA 4.322	CARROLL, R
• 01870	TTH	200 - 330P	CBA 4.322	PRYOR, T
• 01875	MW	330 - 500P	CBA 4.322	DAVIS, T
• 01880	TTH	330 - 500P	CBA 4.322	MURPHY, M

B A 324H BUSN COMM: ORAL/WRIT: HON

Designed to accommodate 35 or fewer students. 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.

• 01885	MW	930 - 1100	CBA 4.304	PRYOR, T
• 01890	MW	1230 - 200P	CBA 4.304	GOINS, E
• 01895	MW	330 - 500P	CBA 4.304	GOINS, E

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.

• 01900	MW	1100 - 1230P	CBA 4.304	PRYOR, T

B A 353 INTERNSHIP IN BUSINESS ADMIN

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.

• 01905 TOPRAC, H

B A 378F INDEP RSRCH FNDTNS BUSN ADMIN

Hour(s) to be arranged. Restricted to non-McCombs School of Business majors. Prerequisite: Upper-division standing, Accounting 310F with a grade of at least C, consent of instructor, and written approval before the firstmeeting of the course on a form provided for that purpose from the director of the Business Foundations Program.

• 01910

B A 380C INFO TECHNOL MANAGEMENT-I-DAL

Hour(s) to be arranged. Offered on the letter-grade basis only. A discussion of technical architecture, including hardware/software platforms, operating systems, networking and the Internet; development strategies; and management issues for the introduction of new technology. Restricted to students in the MBA program. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Dallas. Class meets January 5-April 26. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 01915 KONANA, P

INFO TECHNOL MANAGEMENT-I-HOU

Hour(s) to be arranged. Offered on the letter-grade basis only. A discussion of technical architecture, including hardware/software platforms, operating systems, networking and the Internet; development strategies; and management issues for the introduction of new technology. Restricted to students in the MBA program. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort I students in the MBA program in Houston. Class meets January 4-April 26. Taught at UT Health Sciences Center in Houston, Texas.

• 01920 AGARWAL, A

INFO TECHNOL MANAGEMENT-II-DAL

Hour(s) to be arranged. Offered on the letter-grade basis only. A discussion of technical architecture, including hardware/software platforms, operating systems, networking and the Internet; development strategies; and management issues for the introduction of new technology. Restricted to students in the MBA program. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Dallas. Class meets January 5-April 26. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 01925 KONANA, P

INFO TECHNOL MANAGEMENT-II-HOU

Hour(s) to be arranged. Offered on the letter-grade basis only. A discussion of technical architecture, including hardware/software platforms, operating systems, networking and the Internet; development strategies; and management issues for the introduction of new technology. Restricted to students in the MBA program. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to cohort II students in the MBA program in Houston. Class meets January 5-April 26. Taught at UT Health Sciences Center in Houston, Texas.

• 01930 AGARWAL, A

INFO TECHNOL MANAGEMENT-TEMBA

Offered on the letter-grade basis only. A discussion of technical architecture, including hardware/software platforms, operating systems, networking and the Internet; development strategies; and management issues for the introduction of new technology. Restricted to students in the MBA program. Prerequisite: Graduate standing and admission to the McCombs School of Business. Restricted to students in the Texas Evening MBA program. Mandatory orientation January 4-7. Class also meets January 23.

• 01935	M	500 - 930P	RRH 4.314	BARDHAN, I
	W	500 - 930P	RRH 4.314	

B A 380N OPERATIONS MANAGEMENT-TEMBA

Additional 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 Texas Evening MBA program. Mandatory orientation January 4-7. Class meets January 14-May 6. Class also meets January 23.

• 01940	M	600 - 915P	RRH 4.408	BURKE, C

B A 380S MANAGERIAL ECONOMICS-EMBA

Hour(s) to be arranged. 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 students in the Executive MBA program. Class meets January 4-April 22.

• 01945

B A 281T MARKETING MANAGEMENT-I-DAL

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 cohort I students in the MBA program in Dallas. Class meets March 15-May 11. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 01950 SONNIER, G

MARKETING MANAGEMENT-I-HOU

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 cohort I students in the MBA program in Houston. Class meets March 15-May 11. Taught at UT Health Sciences Center in Houston, Texas.

• 01955 GERSHOFF, A

MARKETING MANAGEMENT-II-DAL

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 cohort II students in the MBA program in Dallas. Class meets March 15-May 11. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 01960 SONNIER, G

MARKETING MANAGEMENT-II-HOU

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 cohort II students in the MBA program in Houston. Class meets March 16-May 11. Taught at UT Health Sciences Center in Houston, Texas.

• 01965 GERSHOFF, A

B A 284S 1-MANAGERIAL MICROECON-I-DAL

Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Microeconomic and macroeconomic forces that influence an organization's decisions, such as interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Microeconomic forces that influence an organization's decisions, including input supply and demand, industry factors, market structure, and externalities. Restricted to students in the McCombs School of Business. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Dallas. Class meets March 15-May 10. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 01970 TREJO, S

course unique days time room instructor

1-MANAGERIAL MICROECON-I-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Microeconomic and macroeconomic forces that influence an organization's decisions, such as interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Microeconomic forces that influence an organization's decisions, including input supply and demand, industry factors, market structure, and externalities. Restricted to students in the McCombs School of Business. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Houston. Class meets March 15-May 10. Taught at UT Health Sciences Center in Houston, Texas.
• 01975 SADLER, M

1-MANAGERIAL MICROECON-II-DAL
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Microeconomic and macroeconomic forces that influence an organization's decisions, such as interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Microeconomic forces that influence an organization's decisions, including input supply and demand, industry factors, market structure, and externalities. Restricted to students in the McCombs School of Business. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Dallas. Class meets March 15-May 10. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 01980 TREJO, S

1-MANAGERIAL MICROECON-II-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Microeconomic and macroeconomic forces that influence an organization's decisions, such as interest rates, business cycles, financial systems, input demand and supply, industry factors, market structure, and externalities. Microeconomic forces that influence an organization's decisions, including input supply and demand, industry factors, market structure, and externalities. Restricted to students in the McCombs School of Business. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Houston. Class meets March 15-May 10. Taught at UT Health Sciences Center in Houston, Texas.
• 01985 SADLER, M

B A 284T FINANCIAL ACCOUNTING-TEMBA
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 Texas Evening MBA program. Class meets January 14-March 4. Class also meets January 23.
• 01990 M 600 - 915P RRH 4.416 BADOLATO, P

B A 285T FINANCIAL MANAGEMENT-TEMBA
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 Texas Evening MBA program. Class meets March 12-May 7.
• 01995 T 600 - 915P RRH 4.416 RAO, R

B A 385T FINANCIAL MANAGEMENT-EMBA
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 students in the Executive MBA program. Class meets January 4-April 22.
• 02000 RAO, R

B A 286T STATISTICS-TEMBA
Additional 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 Texas Evening MBA program. Class meets January 15-March 5.
• 02005 T 600 - 915P RRH 4.416 SAGER, T

B A 388T STRATEGIC MANAGEMENT-EMBA
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 students in the Executive MBA program. Class meets January 4-April 13.
• 02010 RRH 4.416 TOH, P

STRATEGIC MANAGEMENT-I
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.
• 02015 TTH 800 - 930 RRH 4.416 HENDERSON, A

STRATEGIC MANAGEMENT-II
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.
• 02020 TTH 800 - 930 RRH 4.408 TOH, P

STRATEGIC MANAGEMENT-III
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 III students in the MBA program.
• 02025 TTH 930 - 1100 RRH 4.416 HENDERSON, A

STRATEGIC MANAGEMENT-IV
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 IV students in the MBA program.
• 02030 TTH 930 - 1100 RRH 4.408 TOH, P

STRATEGIC MANAGEMENT-TEMBA
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 students in the Texas Evening MBA program. Mandatory orientation January 4-7. Class meets January 15-March 14.
• 02035 T 600 - 915P RRH 4.408 COURTER, S

B A 191 PRACTICUM IN FINANCE-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.
• 02040
• 02045

SPEC STDS IN B A: MGMT INF SYS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02050

4-SPEC STDS: RISK MANAGEMENT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02055

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.
• 02060

8-BUSINESS, GOVT, AND SOCIETY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02065

B A 291 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.
• 02070

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.
• 02075

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.
• 02080

8-BUSINESS, GOVT, AND SOCIETY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02085

B A 391 INDEPENDENT STUDY 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 (option III) program. Partially taught as a Web-based course.
• 02090

2011/2012

course	unique	days	time	room	instructor

SPEC STDS B A: MGMT INF SYS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02095

SPEC STDS: OPERATIONS MNGMNT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02100

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.
• 02105

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.
• 02110
• 02115

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.
• 02120

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.
• 02125

5-SPEC STDS: ACCOUNTING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02130

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.
• 02135

B A 691 SPEC STDS B A: MGMT INF SYS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02140

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

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

SPEC STDS: OPERATIONS MNGMNT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02155

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.
• 02160

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.
• 02165

5-SPEC STDS: ACCOUNTING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 02170

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.
• 02175

B A 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 business administration, completion of the core courses for the degree, and consent of the supervising professor and the graduate adviser.
• 02180

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.

• 02235	TTH	930 - 1100	UTC 2.112A	VERDUZCO, D
• 02240	TTH	1100 - 1230P	UTC 2.112A	VERDUZCO, D
• 02245	TTH	1230 - 200P	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.
• 02250 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.

• 02255	MW	930 - 1100	GSB 3.138	FREEMAN, R
• 02260	TTH	930 - 1100	UTC 1.130	SMITH, S
• 02265	MW	1100 - 1230P	GSB 3.138	FREEMAN, R
• 02270	TTH	1100 - 1230P	UTC 1.130	SMITH, S
• 02275	TTH	1230 - 200P	UTC 3.104	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.

• 02280	TTH	930 - 1100	GSB 2.122	KAMAS, J
• 02285	TTH	930 - 1100	UTC 3.110	PLATT, D
• 02290	MW	1100 - 1230P	UTC 3.112	HAYS, J
• 02295	MW	1100 - 1230P	UTC 4.124	MCGUIRE, J
• 02300	TTH	1100 - 1230P	GSB 2.122	KAMAS, J
• 02305	MW	1230 - 200P	UTC 3.112	HAYS, J
• 02310	MW	200 - 330P	UTC 3.104	SPILLER, W
• 02315	MW	200 - 330P	UTC 3.112	MCGUIRE, J
• 02320	TTH	200 - 330P	UTC 4.122	ATIASE, R
• 02325	TTH	200 - 330P	UTC 4.134	ROY BARDHAN, A
• 02330	MW	330 - 500P	UTC 3.104	SPILLER, W
• 02335	MW	330 - 500P	UTC 3.112	MCGUIRE, J
• 02340	TTH	1100 - 1230P	UTC 3.122	ROY BARDHAN, A

ACC 312H FUNDMNTL MANAGERL ACC: HON
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 admitted to the McCombs School of Business HonorsProgram. Prerequisite: Accounting 311H, and Business Administration 151H.

• 02345	TTH	930 - 1100	CBA 5.328	CHAN, E
• 02350	TTH	1100 - 1230P	CBA 5.328	CHAN, E
• 02355	TTH	1230 - 200P	CBA 5.328	CHAN, E

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.

• 02360	MW	930 - 1100	GSB 2.122	GULER, L
• 02365	MW	1100 - 1230P	GSB 2.122	GULER, L
• 02370	MW	1100 - 1230P	UTC 3.104	MOORE, S
• 02375	MW	1230 - 200P	UTC 3.104	MOORE, S

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-.

• 02380	TTH	1230 - 200P	CBA 4.348	SPILLER, W
• 02385	TTH	200 - 330P	CBA 4.348	SPILLER, W

course	unique	days	time	room	instructor

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.

• 02390	TTH	1230 - 200P	UTC 4.122	ATIASE, R

ACC 152 MPA DISTINGUISHED SPKR LYCEUM

Hour(s) to be arranged. 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.

• 02395				SMITH, S

ACC 355 INTRODUCTION TO TAXATION

Offered on the letter-grade basis only. 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).

• 02400	MW	930 - 1100	UTC 4.102	MILLS, L
• 02405	MW	1100 - 1230P	UTC 4.102	MILLS, L

ACC 358C AUDITING AND ASSURANCE SERVS

Offered on the letter-grade basis only. 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).

• 02410	TTH	800 - 930	CBA 4.328	JOHANNS, J
• 02415	TTH	1100 - 1230P	GSB 3.138	JOHANNS, J
• 02420	MW	1230 - 200P	UTC 3.102	HALLMAN, N
• 02425	MW	200 - 330P	UTC 3.102	HALLMAN, N
• 02430	MW	330 - 500P	UTC 3.102	HALLMAN, N

ACC 359 MANAGERIAL/COST ACCOUNTING

Offered on the letter-grade basis only. 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).

• 02435	TTH	1230 - 200P	GSB 3.138	ZHENG, R
• 02440	TTH	200 - 330P	GSB 3.138	ZHENG, R
• 02445	TTH	330 - 500P	GSB 3.138	ZHENG, R

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.

• 02450	TTH	930 - 1100	UTC 1.104	BRADSHAW, M

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.

• 02455	MW	1230 - 200P	UTC 4.102	MILLS, L
• 02460	TTH	1230 - 200P	GSB 2.122	JOHNSTON-BLAIR, D

ACC 366P ACCOUNTING PRACTICUM

Additional hour(s) to be arranged. 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. Accounting 366P and 384 (Topic: Tax Practicum) may not both be counted. Restricted to students in a business major. Prerequisite: Forty-five semester hours of college coursework. meets with ACC 384.

• 02465	T	330 - 530P	UTC 4.102	CHARRIER, G
• 02470	W	330 - 530P	UTC 4.102	KAMAS, J
• 02475	TH	330 - 530P	UTC 4.102	KAMAS, J

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).

• 02480	TTH	1230 - 200P	UTC 4.124	HAYS, J
• 02485	TTH	200 - 330P	UTC 4.124	HAYS, J

3-FINCL PLANNING WEALTH MGMT

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. Introduction to basic concepts of personal wealth management and financial planning, including insurance and risk management, investment management, tax planning, estate planning, and retirement planning. Designed for upper-level finance and accounting majors interested in a career in financial services or MPA students with interest in this area of the accounting profession. Only one of the following may be counted: Accounting 378 (Topic: Financial Planning for Wealth Management), 178 (Topic 3), 278 (Topic 3),378 (Topic 3), 180K (Topic 24), 280K (Topic 24), 380K (Topic 24), Finance 172 (Topic 3), 272 (Topic 3), 372 (Topic 3), 377 (Topic: Financial Planning for Wealth Management). 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: Credit for Finance 357 or 357H; credit or registration for 367 is recommended. meets with ACC 380K (TOPIC 24), FIN 372 (TOPIC 3).

• 02490	MW	1230 - 200P	GSB 3.138	HOLBROOK, T
• 02495	MW	200 - 330P	GSB 3.138	HOLBROOK, T
• 02500	MW	400 - 530P	RRH 3.310	HOLBROOK, T

ACC 179C INDEPENDENT RSCH ACCOUNTING

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.

• 02505				

ACC 379C INDEPENDENT RSCH ACCOUNTING

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.

• 02510				

ACC 280K 1-FIN ACC STANDS & ANLY 1-MSF

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 Master of Science in Finance program. Class meets January 22-March 7. Mandatory exams March 12-14. meets with ACC 280K (TOPIC 2).

• 02515	TTH	100 - 300P	GSB 3.104	DONELSON, D

2-FIN ACC STANDS & ANLY II-MSF

Designed to accommodate 100 or more students. 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. Restricted to students in the Master of Science in Finance program. Class meets March 27-May 10. Mandatory exams held week of May 15-21. meets with ACC 280K (TOPIC 1).

• 02520	TTH	100 - 300P	GSB 3.104	DONELSON, D

ACC 380K 1-FINCL ACC STANDS AND ANLY I

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.

• 02525	MW	800 - 930	GSB 3.138	MOORE, 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.

• 02530	TTH	800 - 930	GSB 3.138	BRADSHAW, M

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

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with the topic. Prerequisite: Accounting 356, 381, Business Administration 384T, or the equivalent. meets with ACC 358C.

• 02535	TTH	800 - 930	CBA 4.328	JOHANNS, J
• 02540	TTH	1100 - 1230P	GSB 3.138	JOHANNS, J
• 02545	MW	1230 - 200P	UTC 3.102	HALLMAN, N
• 02550	MW	200 - 330P	UTC 3.102	HALLMAN, N
• 02555	MW	330 - 500P	UTC 3.102	HALLMAN, N

7-FINANCIAL STATEMENT ANLY-INT

Additional 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 students in the internship program. Class meets March 25-May 8. Mandatory exams held week of May 15-21.

• 02560	MW	1200 - 300P	GSB 2.120	YU, Y
• 02565	MW	300 - 600P	GSB 2.120	YU, Y
• 02570	MW	600 - 900P	GSB 3.138	BADOLATO, P

7-FINANCIAL STMT ANALYSIS-MBA

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 MBA program.

• 02575	MW	1230 - 200P	RRH 2.238	BADOLATO, P

7-FINANCIAL STMT ANALYSIS-MPA

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 MPA program.

• 02580	MW	200 - 330P	RRH 2.238	BADOLATO, P

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).

• 02585	TTH	1230 - 200P	UTC 4.124	HAYS, J
• 02590	TTH	200 - 330P	UTC 4.124	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.

• 02595	MW	930 - 1100	UTC 4.102	MILLS, L
• 02600	MW	1100 - 1230P	UTC 4.102	MILLS, L

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.

• 02605	TTH	200 - 330P	GSB 2.122	BROWN, P
• 02610	TTH	330 - 500P	GSB 2.122	BROWN, P

24-FIN PLANNING WEALTH MGMT

Course number may be repeated for credit when the topics vary. In-depth study of selected accounting topics. Introduction to basic concepts of personal wealth management and financial planning, including insurance and risk management, investment management, tax planning, estate planning, and retirement planning. Designed for upper-level accounting and finance majors interested in a career in financial services and MPA students with interest in this area of the accounting profession. Only one of the following may be counted: Accounting 378 (Topic: Financial Planning for Wealth Management), 178 (Topic 3), 278 (Topic 3),378 (Topic 3), 180K (Topic 24), 280K (Topic 24), 380K (Topic 24), Finance 372 (Topic 3), 377 (Topic: Financial Planning for Wealth Management). Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 311 and Finance 357; credit or registration for Finance 367 is recommended; consent of graduate adviserand instructor. meets with ACC 378 (TOPIC 3), FIN 372 (TOPIC 3).

• 02615	MW	1230 - 200P	GSB 3.138	HOLBROOK, T
• 02620	MW	200 - 330P	GSB 3.138	HOLBROOK, T
• 02625	MW	400 - 530P	RRH 3.310	HOLBROOK, T

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.

• 02630	TTH	930 - 1100	GSB 3.138	GRANOF, M

ACC 383K

1-STDS IN AUDITING, MPA PROG

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: Accounting 358C, 380K (Topic 4: Introduction to Assurance Services), or the equivalent, or consent of instructor. Restricted to students in the Master in Professional Accounting program. Class meets March 25-May 8. Mandatory exams held week of May 15-21.

• 02635	MW	900 - 1200	GSB 2.120	JOHANNS, J
• 02640	MW	300 - 600P	GSB 3.106	JOHANNS, J

1-STDS IN AUDITING, MPA PROG

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: Accounting 358C, 380K (Topic 4: Introduction to Assurance Services), or the equivalent, or consent of instructor. Restricted to students in the Master in Professional Accounting program. Class meets March 25-May 9. Mandatory exams held week of May 15-21.

• 02645	TTH	1200 - 300P	GSB 2.120	SCHMIDT, J
• 02650	TTH	500 - 800P	GSB 2.120	SCHMIDT, J

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.

• 02655	M	1000 - 100P	PAR 203	GOODSON, S
• 02660	M	200 - 500P	PAR 301	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.

• 02665	TTH	1100 - 1230P	UTC 1.104	BRADSHAW, M

ACC 384

TAX PRACTICUM

Additional hour(s) to be arranged. 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. meets with ACC 366P.

• 02670	T	330 - 530P	UTC 4.102	CHARRIER, G
• 02675	W	330 - 530P	UTC 4.102	KAMAS, J
• 02680	TH	330 - 530P	UTC 4.102	KAMAS, J

2-TAXATION OF ENTITIES I

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 taxation of C corporations and their shareholders. 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).

• 02685	MW	1230 - 200P	GSB 2.122	JOHNSTON-BLAIR, D

2-TAXATION OF ENTITIES I

Additional hour(s) to be arranged. 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 taxation of C corporations and their shareholders. 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). Class meets January 2-February 8. Class also meets January 3.

• 02690	MWF	900 - 1130	GSB 2.120	ZVINAKIS, K
• 02695	MWF	1130 - 200P	GSB 2.120	ZVINAKIS, K

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.
• 02700 TTH 1230 - 200P CBA 4.304 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).
• 02705 TTH 200 - 330P CBA 4.304 SINGER, S

9-OIL AND GAS TAXATION
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. 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. An analysis of the United States federal income taxation of domestic oiland gas operations and transactions. Examines taxation associated with the operational life cycle of oil and gas operations including exploration, development, production, and abandonment, as well as transactions involving oil and gas interests analysis acquisition, disposition, structuring and investment. Prerequisite: Graduate standing, and admission to the Master in Professional Accounting degree program or consent of instructor. meets with LAW 390E.
• 02710 T 345 - 630P TNH 2.124 SPELLINGS, J

ACC 386K 3-EMPIRICAL RESEARCH IN ACC
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.
• 02715 DONELSON, D

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.
• 02720 MCINNIS, J

ACC 287 5-PERFORMANCE MGMT AND CONTROL
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 Master of Business Administration program. Class meets March 25-May 8. Mandatory exam May 10. meets with ACC 287 (TOPIC 5).
• 02725 MW 1200 - 200P RRH 4.408 LENDECKY, B

5-PERFORMANCE MGMT AND CONTROL
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 Master of Business Administration program. Class meets January 23-March 6. Mandatory exam March 8. meets with ACC 287 (TOPIC 5).
• 02730 MW 1000 - 1200 RRH 4.408 LENDECKY, B
• 02735 MW 1200 - 200P RRH 4.408 LENDECKY, B

5-PERFORMANCE MGMT AND CONTROL
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 Master of Business Administration program. Class meets March 25-May 8. Mandatory exam May 10. meets with ACC 287 (TOPIC 5).
• 02740 MW 1000 - 1200 RRH 4.408 LENDECKY, B

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.
• 02745 TTH 1230 - 200P GSB 3.138 ZHENG, R
• 02750 TTH 200 - 330P GSB 3.138 ZHENG, R
• 02755 TTH 330 - 500P GSB 3.138 ZHENG, R

4-STRATEGIC CONTROL SYSTEMS
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. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Accounting 359, 387 (Topic 1), or the equivalent.
• 02760 MW 330 - 500P UTC 1.144 ALBRECHT, J

ACC 191C SPECIAL STUDIES IN ACCOUNTING
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.
• 02765

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.
• 02770

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.
• 02775

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.
• 02780

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.
• 02785
• 02790
• 02795
• 02800
• 02805

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.
• 02810
• 02815
• 02820

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.
• 02825

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.
• 02830

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.
• 02835

ACC 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Accounting 399R, 699R, or 999R.
• 02840

Draft 12/18

ACC 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Accounting 399R, 699R, or 999R.
• 02845

ACC 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Accounting 399R, 699R, or 999R.
• 02850

DEPARTMENT OF BUSINESS, GOVERNMENT, AND SOCIETY

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

BGS 370 BUS/POL AGE OF INEQUALITY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 02905 TTH 330 - 500P CBA 4.324 COBB, J

INTERNATL BUSN/POLITICS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with GOV 360N.
• 02910 TTH 1230 - 200P MEZ 2.124 JENSEN, N

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. meets with MAN 374H.
• 02915 MW 1100 - 1230P CBA 5.330 LANDOLT, K

BGS 371 CORPORATE POLITICAL STRATEGY
Offered on the letter-grade basis only. A study of how the political and regulatory environment enables and constrains business activity and how individual firms and groups of firms can ethically yet effectively lobby legislatures, negotiate with regulators, create industry associations, make campaign contributions, and engage in other political activity to gain competitive advantage. Only one of the following may be counted: Business, Government, and Society 371, Marketing 372 (Topic: Corporate Political Strategy), 372 (Topic 15). Prerequisite: Upper-division standing. meets with MKT 372 (TOPIC 15).
• 02920 MW 1230 - 200P CBA 5.328 WERNER, T

BGS 374 GLOBAL POLITICAL ECONOMY
Offered on the letter-grade basis only. Exploration of how firms can successfully integrate their traditional strategies with non-market strategy in the global arena, including how to successfully engage with international non-market actors such as foreign governments, regulators, political parties, NGOs, and the media. Examines the necessary tools to craft successful, integrated firm strategies in diverse institutional and political environments. Prerequisite: Upper-division standing.
• 02925 MW 330 - 500P CBA 5.328 GAWANDE, K

BGS 179 INDEP RSCH BUSN, GOVT, & SOCTY
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.
• 02930

BGS 379 INDEP RSCH BUSN, GOVT, & SOCTY
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.
• 02935

BGS 380 AMER CHLDRN IN POVRTY POLCY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with P A 388K.
• 02940 TH 900 - 1200 SRH 3.219 HOLE, M

BUS/POL AGE OF INEQUALITY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 02945 TTH 1230 - 200P RRH 4.408 COBB, J

BGS 380C STRATEGIC CORP COMMUNICATION
Designed to accommodate 35 or fewer students. Studies corporate efforts to inform, motivate, and persuade various constituencies, including investors, employees, communities, and regulators. Includes public relations, investor relations, and government relations. Prerequisite: Graduate standing. meets with P A 388K.
• 02950 MW 500 - 630P RRH 5.420 PATTERSON, J

BGS 380E GLOBAL POLITICAL ECONOMY
Offered on the letter-grade basis only. Exploration of how firms can successfully integrate their traditional strategies with non-market strategy in the global arena, including how to successfully engage with international non-market actors such as foreign governments, regulators, political parties, NGOs, and the media. Examines the necessary tools to craft successful, integrated firm strategies in diverse institutional and political environments. Prerequisite: Graduate standing and consent of instructor. meets with P A 388K, ECO 395K.
• 02955 MW 1230 - 200P RRH 3.402 GAWANDE, K

BGS 281 LAW/ETHCS/CORP SOC RESP-TEMBA
Additional 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 students in the Texas Evening MBA program. Class meets March 11-May 6.
• 02960 M 500 - 930P RRH 4.416 RENBARGER, G

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.
• 02965 MW 1100 - 1230P RRH 4.402 RENBARGER, G
• 02970 MW 1230 - 200P RRH 3.414 LANDOLT, K

BGS 381M SOCIAL & ETHICAL RESP OF BUSN
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 381M and Legal Environment of Business 380 (Topic 1) may not both be counted. Restricted to students in the Master of Business Administration program. Prerequisite: Graduate standing.
• 02975 TTH 930 - 1100 RRH 3.310 MURRAY, P

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. Class meets January 2-February 8. Class also meets January 3.
• 02980 MWF 900 - 1130 GSB 5.154 BREDESON, D
• 02985 MWF 1130 - 200P GSB 5.154 BREDESON, D

BGS 382 CORPORATE POLITICAL STRATEGY
Offered on the letter-grade basis only. A study of how the political and regulatory environment enables and constrains business activity and how individual firms and groups of firms can ethically, yet effectively, lobby legislatures, negotiate with regulators, create industry associations, make campaign contributions, and engage in other political activity to gain competitive advantage. Prerequisite: Graduate standing and consent of instructor. meets with P A 387K.
• 02990 MW 930 - 1100 RRH 3.414 WERNER, T

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.
• 02995 MW 200 - 330P RRH 3.402 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.
• 03050 MW 930 - 1100 GSB 2.124 LANDOLT, K
• 03055 MW 1100 - 1230P GSB 2.124 GOLD, B
• 03060 MW 1230 - 200P GSB 2.124 GOLD, B
• 03065 MW 200 - 330P GSB 2.124 GOLD, B

FNDTNS OF BUSN LAW & ETHICS-WB
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.
• 03070 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.

- 03075 TTH 800 - 930 UTC 4.104 PEDERSEN, F
- 03080 TTH 930 - 1100 UTC 4.104 PEDERSEN, F
- 03085 TTH 1100 - 1230P UTC 4.104 PEDERSEN, F
- 03090 MW 1230 - 200P UTC 4.104 JUE, S
- 03095 MW 200 - 330P UTC 4.104 DICKERSON, J
- 03100 TTH 200 - 330P UTC 3.132 MURRAY, P
- 03105 MW 330 - 500P UTC 4.104 DICKERSON, J
- 03110 TTH 330 - 500P UTC 4.104 QUINTANILLA, D

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.

- 03115 TTH 930 - 1100 CBA 4.304 PRENTICE, R
- 03120 TTH 200 - 330P CBA 5.330 MEAKIN, C

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.

- 03125 MW 330 - 500P CBA 4.330 WARREN-CLEM, K

LEB 363 REAL ESTATE LAW

An examination of law pertaining to estates and interests in land, conveyances and mortgages, brokers, easements, contracts, default and foreclosure. Legal Environment of Business 363 and 170 (Topic 13), 270 (Topic 13), 370 (Topic 13) may not both be counted. Prerequisite: Thirty semester hours of undergraduate coursework, or consent of instructor.

- 03130 TTH 1230 - 200P CBA 4.326 MURRAY, P

LEB 179 INDEPENDENT RSCH LEGL ENV BUSN

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.

- 03135

LEB 379 INDEPENDENT RSCH LEGL ENV BUSN

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.

- 03140

LEB 380 LEG & ETHC ENV BUS-UT/CHN-EMBA

Hour(s) to be arranged. 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. Class meets January 4-April 13. Mandatory seminar May 4-10 taught in Beijing, China. Students must consult with department as travel and orientation dates may be i n addition to these dates.

- 03145 MEAKIN, C

4-LEGAL & ETHICAL ENV OF FIN

Course number may be repeated for credit when the topics vary. Selected topics on legal constraints affecting managerial decision making and business behavior. Covers all aspects of securities regulation, including the legal responsibilities and liabilities of investment bankers, stock analysts, hedge fund managers, auditors, and other securities industry professionals; corporate disclosure requirements; public offering rules; insider trading; mergers and acquisitions; shareholder rights; and relevant ethical and global implications. Prerequisite: Graduate standing.

- 03150 TTH 200 - 330P RRH 3.414 PRENTICE, R

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. Restricted to students in the Master in Professional Accounting program.

- 03155 MW 1100 - 1230P CBA 4.348 JUE, S

26-LAW FOR ENTREPRENEURS

Course number may be repeated for credit when the topics vary. Selected topics on legal constraints affecting managerial decision making and business behavior. Legal issues and principles affecting the business entrepreneur, including those related to formation of the appropriate type of businessorganization, capitalization, protection of personal assets from business liabilities, protection of innovative ideas, hiring key personnel, and related topics. Ethical and international dimensions are included where appropriate. Prerequisite: Graduate standing.

- 03160 TTH 1230 - 200P RRH 3.402 MEAKIN, C

30-LEGAL ENVIR BUSN FOR MPA'S

Course number may be repeated for credit when the topics vary. Selected topics on legal constraints affecting managerial decision making and business behavior. Introduction to the legal system, with particular emphasis on its applications to the accounting profession. Prerequisite: Graduate standing. Additional prerequisite: Admission to the Master in Professional Accounting program. Restricted to students in the Master in Professional Accounting program.

- 03165 MW 200 - 330P RRH 3.414 RENBARGER, G

39-ENERGY LAW: REG ENERGY MKTS

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 regulatory regimes governing the sale and delivery of energy in American energy markets, with focus on the economic regulationof electricity, natural gas, and oil markets. Discussion of how federaland state regulatory commissions regulate price and competition in interstate markets under the Federal Power Act and the Natural Gas Act, respectively, and in intrastate markets under analogous state laws. Covers related issues, including the effects of the rapid growth in renewable generation, the move toward increasing competition and market pricing, legal rules governing the siting of natural gas and electric transmission lines, the pricing of transmission services, rules governing the development of LNG terminals, and disputes over the pricing and regulation of distributed energy resources (such as rooftop solar or demand response). Legal Environment of Business 180, 380 (Topic 31) and 180, 380 (Topic 39) may not both be counted. Prerequisite: Graduate standing. meets with LAW 379M, EER 396, P A 388K.

- 03170 MW 1145 - 115P TNH 2.138 SPENCE, D

LEB 280C LEGAL ENVIR OF BUSN-I-DAL

Hour(s) to be arranged. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Dallas. Class meets March 15-May 10. Taught at UT Southwestern Medical Center in Dallas, Texas.

- 03175 MURRAY, P

LEGAL ENVIR OF BUSN-I-HOU

Hour(s) to be arranged. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Houston. Class meets March 15-May 10. Taught at UT Health Sciences Center in Houston, Texas.

- 03180 MEAKIN, C

LEGAL ENVIR OF BUSN-II-DAL

Hour(s) to be arranged. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Dallas. Class meets March 15-May 10. Taught at UT Southwestern Medical Center in Dallas, Texas.

- 03185 MURRAY, P

LEGAL ENVIR OF BUSN-II-HOU

Hour(s) to be arranged. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Houston. Class meets March 15-May 10. Taught at UT Health Sciences Center in Houston, Texas.

- 03190 MEAKIN, C

DEPARTMENT OF FINANCE

Finance - FIN
Real Estate - R E

FIN 320F FOUNDATIONS OF FINANCE

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.

- 03245 MW 930 - 1100 UTC 2.102A TOPRAC, H
- 03250 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.

•	03255				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.

•	03260	TTH	800 - 930	CBA 4.324	DUVIC, R
•	03265	TTH	800 - 930	UTC 4.134	MILLER, J
•	03270	MW	930 - 1100	UTC 1.116	POLOSKEY, M
•	03275	TTH	930 - 1100	CBA 4.324	DUVIC, R
•	03280	TTH	930 - 1100	UTC 4.134	MILLER, J
•	03285	MW	1100 - 1230P	UTC 1.116	POLOSKEY, M
•	03290	TTH	1230 - 200P	UTC 3.112	MILLER, J
•	03295	MW	200 - 330P	CBA 4.324	POLOSKEY, M
•	03300	MW	200 - 330P	GSB 2.122	PANCOST, N
•	03305	MW	200 - 330P	UTC 1.104	TOPRAC, H
•	03310	TTH	200 - 330P	UTC 3.112	SURY, S
•	03315	MW	330 - 500P	CBA 4.324	POLOSKEY, M
•	03320	MW	330 - 500P	GSB 2.122	PANCOST, N

BUSINESS FINANCE-GRE

Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Maymester Abroad Program. Class meets May 26-June 22. Taught in Athens, Greece. Students must consult with department as travel and orientation dates may be in addition to these dates.

•	03325				TOPRAC, H

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.

•	03330	TTH	1230 - 200P	CBA 4.344	NEUHANN, D
•	03335	TTH	200 - 330P	CBA 4.344	NEUHANN, D
•	03340	TTH	330 - 500P	CBA 4.344	NEUHANN, D

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.

•	03345	MW	800 - 930	UTC 1.130	DONANGELO, A
•	03350	MW	930 - 1100	UTC 1.130	DONANGELO, A
•	03355	MW	1100 - 1230P	UTC 1.130	DONANGELO, A
•	03360	MW	200 - 330P	UTC 1.146	ZHANG, X
•	03365	TTH	200 - 330P	UTC 1.102	SOCKIN, M
•	03370	MW	330 - 500P	UTC 1.146	ZHANG, X
•	03375	TTH	330 - 500P	UTC 1.102	SOCKIN, M

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.

•	03380	MW	800 - 930	CBA 5.328	PARRINO, R
•	03385	MW	1100 - 1230P	CBA 5.328	PARRINO, R
•	03390	TTH	1100 - 1230P	UTC 1.118	WILES, K
•	03395	MW	1230 - 200P	CBA 4.344	WAY, W
•	03400	TTH	1230 - 200P	UTC 1.118	WILES, K
•	03405	MW	200 - 330P	CBA 4.344	WAY, W
•	03410	TTH	200 - 330P	UTC 1.118	WILES, K
•	03415	MW	330 - 500P	CBA 4.344	WAY, W

FIN 370H INTEGRATIVE FINANCE: HONORS

Offered on the letter-grade basis only. 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 admitted to the McCombs School of Business HonorsProgram. Prerequisite: Senior standing; Finance 357H and 367 (or 367Q); credit orregistration 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.

•	03420	MW	930 - 1100	CBA 5.328	PARRINO, R

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.

•	03425	TTH	930 - 1100	UTC 1.116	LEEDS, S
•	03430	TTH	1100 - 1230P	UTC 1.116	LEEDS, S
•	03435	TTH	200 - 330P	UTC 1.116	SPELLMAN, L
•	03440	TTH	330 - 500P	UTC 1.116	SPELLMAN, L

FIN 372 MANAGERIAL ECONOMICS

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.

•	03445	MW	1100 - 1230P	GSB 2.126	FUCHS, W
•	03450	MW	200 - 330P	UTC 1.132	FUCHS, W

FINANCIAL TECHNOLOGY

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.

•	03455	TTH	930 - 1100	UTC 1.146	FRACASSI, C

MERGERS AND ACQUISITIONS

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.

•	03460	TTH	930 - 1100	UTC 1.102	ALEXANDER, J

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	RRH 4.304	HARRIS, T

1-ENVIR/SOCIAL/GOV INVESTING

Course number may be repeated for credit when the topics vary. Advanced topics in finance. A critical assessment of the actions of investors and corporations with regard to environmental, social, and governance policies, including the potential motivations and resulting consequences. Finance 372 (Topic: Environmental, Social, and Governance Investing) and172 (Topic 1), 272 (Topic 1), 372 (Topic 1) may not both be counted. Restricted to students in a business major. Prerequisite: Credit or registration for Finance 357 or 357H; additionalprerequisites may vary with the topic. Additional prerequisite: Credit or registration for Finance 367.

•	03470	MW	1100 - 1230P	RRH 3.414	STARKS, L

3-FINCL PLANNING WEALTH MGMT

Course number may be repeated for credit when the topics vary. Advanced topics in finance. Introduction to basic concepts of personal wealth management and financial planning, including insurance and risk management, investment management, tax planning, estate planning and retirement planning. Designed for upper-level finance and accounting majors interested in a career in financial services or students pursuing master in professional accounting with interest in this area of the accounting profession. Only one of the following may be counted: Accounting 378 (Topic: Financial Planning for Wealth Management), 178 (Topic 3), 278 (Topic 3),378 (Topic 3), 180K (Topic 24), 280K (Topic 24), 380K (Topic 24), Finance 172 (Topic 3), 272 (Topic 3), 372 (Topic 3), 377 (Topic: Financial Planning for Wealth Management). Restricted to students in a business major. Prerequisite: Credit or registration for Finance 357 or 357H; additionalprerequisites may vary with the topic. Additional prerequisite: Accounting 311 or 311H, and 312 or 312H, with a grade of at least C- in each; credit for Finance 357 or 357H; credit or registration for 367 is recommended. meets with ACC 378 (TOPIC 3), ACC 380K (TOPIC 24).

•	03475	MW	1230 - 200P	GSB 3.138	HOLBROOK, T
•	03480	MW	200 - 330P	GSB 3.138	HOLBROOK, T
•	03485	MW	400 - 530P	RRH 3.310	HOLBROOK, T

10-ECON PRINS OF DECISIONS

Course number may be repeated for credit when the topics vary. Advanced topics in finance. Using game theory to make sound strategic decisions and gain a competitive advantage. Subjects include strategic pricing, contracting, market entry, and network competition. Finance 372 (Topic: Economic Principles of Managerial Decisions) and 172(Topic 10), 272 (Topic 10), 372 (Topic 10) may not both be counted. Restricted to students in a business major. Prerequisite: Credit or registration for Finance 357 or 357H; additionalprerequisites may vary with the topic. meets with ECO 350K.

•	03490	MW	200 - 330P	UTC 1.118	HATFIELD, J
•	03495	MW	330 - 500P	UTC 1.118	HATFIELD, J

18-CORPORATE FINANCE FELLOWS

Course number may be repeated for credit when the topics vary. Advanced topics in finance. Practicum in the application of finance tools and methods to corporate finance problems. Finance 372 (Topic: Corporate Finance Fellows) and 172, 272, 372 (Topic 18) may not both be counted. Restricted to students in a business major. Restricted to students admitted to the Corporate Finance Fellows program. Prerequisite: Credit or

registration for Finance 357 or 357H; additionalprerequisites may vary with the topic. Additional prerequisite: Consent of instructor. meets with FIN 394 (TOPIC 18).
• 03500 M 600 - 900P RRH 3.414 COHN, J

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.
• 03505 TTH 1100 - 1230P UTC 1.132 BUTLER, J
• 03510 TTH 1230 - 200P UTC 1.104 HAHN, W
• 03515 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.
• 03520 MW 930 - 1100 CBA 4.344 HUGHES, R
• 03525 MW 1100 - 1230P CBA 4.344 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.
• 03530 MW 1100 - 1230P UTC 1.132 MAGEE, S
• 03535 MW 1230 - 200P UTC 1.132 MAGEE, S
• 03540 MW 200 - 330P UTC 1.130 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.
• 03545 TTH 200 - 330P UTC 1.104 KAMM, K
• 03550 TTH 330 - 500P UTC 1.104 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.
• 03555 TTH 1100 - 1230P UTC 1.102 ALEXANDER, J

3-SECURITY ANALYSIS-FAP
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 3) and 377 (Topic 4: Financial Analysis) may not bothbe counted. Restricted to students accepted to the Financial Analyst Program. Prerequisite: Finance 357 or 357H; additional prerequisites vary with the topic. Additional prerequisite: Credit or registration for Finance 367 or 367Q, and consent of instructor. Restricted to students in the Financial Analyst Program.
• 03560 TTH 330 - 500P UTC 1.118 COHN, J

3-SECURITY ANALYSIS-REIT
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 3) and 377 (Topic 4: Financial Analysis) may not bothbe counted. Restricted to students accepted to the Financial Analyst Program. Prerequisite: Finance 357 or 357H; additional prerequisites vary with the topic. Additional prerequisite: Credit or registration for Finance 367 or 367Q, and consent of instructor. Restricted to REIT Fund students. meets with FIN 397 (TOPIC 6).
• 03565 T 330 - 630P RRH 3.310 HALLMAN, G

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.
• 03570 TTH 930 - 1100 GSB 3.120 KAMM, K
• 03575 TTH 1100 - 1230P GSB 3.120 KAMM, K

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.
• 03580 MW 1230 - 200P UTC 1.118 RONN, E

FIN 179C INDEPENDENT RSCH IN FINANCE
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.
• 03585

FIN 379C INDEPENDENT RSCH IN FINANCE
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 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.
• 03590

FIN 286 VALUATION-I-DAL
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 cohort I students in the MBA program in Dallas. Class meets January 5-March 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 03595 SZTEJNBERG, X

VALUATION-I-HOU
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 cohort I students in the MBA program in Houston. Class meets January 5-March 1. Taught at UT Health Sciences Center in Houston, Texas.
• 03600 FRACASSI, C

VALUATION-II-DAL
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 cohort II students in the MBA program in Dallas. Class meets January 5-March 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 03605 SZTEJNBERG, X

VALUATION-II-HOU
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 cohort II students in the MBA program in Houston. Class meets January 5-March 1. Taught at UT Health Sciences Center in Houston, Texas.
• 03610 FRACASSI, C

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 January 17-March 1. Class also meets January 19. Mandatory exam March 2.
• 03615 MW 800 - 1000 RRH 3.310 KANG, A
• 03620 MW 1000 - 1200 RRH 3.310 KANG, A
• 03625 MW 1200 - 200P RRH 3.310 SZTEJNBERG, X

VALUATION-MPA
Designed to accommodate 35 or fewer students. 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 January 22-March 7. Final exam March 8-12.
• 03630 TTH 330 - 530P GSB 3.130 SZTEJNBERG, X

FIN 294 2-FINANCIAL STRATEGIES-MSF
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. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Finance 286, 394 (Topic 1), and credit or registration for Finance 397 (Topic 1: Investment Theory and Practice). Restricted to students in the Master of Science in Finance program. Class meets January 22-March 7. Mandatory exams March 12-14.
• 03635 MW 300 - 500P GSB 3.104 WILES, K

5-FINANCIAL TECHNOLOGY
Course number may be repeated for credit when the topics vary. Analyzes the effect technology has on the delivery of financial servicesand products in the areas of lending, clearing and trading. Finance 294 (Topic: FINANCIAL TECHNOLOGY) and 294, 394 (Topic 5) may not both be counted. Prerequisite: Graduate standing and Business Administration 285T or 385T. Restricted to students in the Master of Science in Fi-

nance (Option III) program. Class meets January 22-March 7. Mandatory exams March 12-14. meets with R M 294.
• 03640 MW 1000 - 1200 RRH 3.406 FRACASSI, C

5-FINANCIAL TECHNOLOGY-MBA
Course number may be repeated for credit when the topics vary. Analyzes the effect technology has on the delivery of financial servicesand products in the areas of lending, clearing and trading. Finance 294 (Topic: FINANCIAL TECHNOLOGY) and 294, 394 (Topic 5) may not both be counted. Prerequisite: Graduate standing and Business Administration 285T or 385T.
• 03645 MW 800 - 1000 RRH 4.314 FRACASSI, C

7-RAISING CAPITAL-MSF
Course number may be repeated for credit when the topics vary. An analysis of the decision to raise capital, including sources of debt and equity, financial distress, restructuring, and financing acquisitions. Prerequisite: Graduate standing and Business Administration 285T or 385T. Prerequisite: Finance 286, 394 (Topic 1), and credit or registration for Finance 397 (Topic 1). Restricted to students in the Master of Science in Finance program. Class meets March 25-May 10. Mandatory exams held week of May 15-21.
• 03650 MW 100 - 300P GSB 3.104 ALMAZAN, A

8-FINCL STRAT ENERGY FIRMS-MSF
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). Restricted to students in the Master of Science in Finance program. Class meets January 22-March 7. Mandatory exams March 12-14.
• 03655 TTH 1000 - 1200 GSB 3.104 BEACH, F

13-VALUTN ENERGY INVSTMNTS-MSF
Course number may be repeated for credit when the topics vary. Covers the theory and practice of the evaluation and financing of energyinvestments with a focus on application to upstream oil and gas projects. Develop financial modeling skills, from detailed discounted cash flow models to advanced option pricing models utilizing a variety of computational approaches. Finance 294 (Topic: VALUTN OF ENERGY INVSTMNTS) and 294, 394 (Topic 13) may not both be counted. Prerequisite: Graduate standing and Business Administration 285T or 385T. Additional prerequisite: Finance 286. Restricted to students in the Master of Science in Finance program. Class meets March 25-May 10. Mandatory exams held week of May 15-21.
• 03660 TTH 300 - 500P GSB 3.104 HAHN, W

FIN 394 MERGERS AND ACQUISITIONS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and Business Administration 285T or 385T.
• 03665 TTH 200 - 330P RRH 4.402 ALMAZAN, A

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.
• 03670 MW 1100 - 1230P RRH 3.402 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. Restricted to students in the MBA or MPA program.
• 03675 MW 200 - 330P RRH 5.402 MATVOS, G

1-ADVANCED CORPORATE FINANCE
Designed to accommodate 35 or fewer students. 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 MBA or MPA program.
• 03680 MW 330 - 500P RRH 5.402 MATVOS, G

7-RAISING CAPITAL
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An analysis of the decision to raise capital, including sources of debt and equity, financial distress, restructuring, and financing acquisitions. Prerequisite: Graduate standing and Business Administration 285T or 385T. Prerequisite: Finance 286, 394 (Topic 1), and credit or registration for Finance 397 (Topic 1).
• 03685 MW 1100 - 1230P RRH 5.382 ALMAZAN, A

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.
• 03690 TTH 800 - 930 RRH 4.314 ALEXANDER, J

14-VENTURE CAPTL FELLOWS PROG
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 and Business Administration 285T or 385T. Additional prerequisite: Credit or registration for Finance 286 and 394 (Topic 1). Restricted to students in the MBA program.
• 03695 W 630 - 930P RRH 4.304 NOLEN, J

15-ENERGY FINANCE PRACTICUM
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.
• 03700 F 1100 - 200P RRH 3.402 BUTLER, J

17-ADV VALUATN & FINCL MODLNG
Designed to accommodate 35 or fewer students. 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).
• 03705 TTH 200 - 330P RRH 4.408 BUTLER, J

18-CORPORATE FIN FELLOWS I
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: Finance 394 (Topic: Corporate Finance Fellows), 294 (Topic 18), 394 (Topic 18). Restricted to students admitted to the Corporate Finance Fellows program. Prerequisite: Graduate standing and Business Administration 285T or 385T. meets with FIN 372 (TOPIC 18).
• 03710 M 600 - 900P RRH 3.414 COHN, J

19-ECON PRINCPLS MGR DECISIONS
Course number may be repeated for credit when the topics vary. Study of how economic principles are used to think strategically about business decisions. Only one of the following may be counted: Finance 394 (Topic: Economic Principals of Managerial Decision), 294 (Topic 19), 394 (Topic 19). Prerequisite: Graduate standing and Business Administration 285T or 385T.
• 03715 MW 1100 - 1230P RRH 5.402 HATFIELD, J

FIN 395 ECONOMICS OF INFORMATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 03720 T 200 - 500P GSB 5.154 FUCHS, W

3-ASSET PRICING THEORY
Course number may be repeated for credit when the topics vary. Detailed introduction to asset pricing theory, focusing on absence of arbitrage, consumption-portfolio choice, and simple equilibrium models. Prerequisite: Graduate standing and consent of instructor.
• 03725 M 200 - 500P GSB 5.154 SOCKIN, M

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.
• 03730 TTH 1100 - 1230P CBA 6.420 PANCOST, N
W 500 - 700P CBA 4.336

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.
• 03735 F 200 - 500P GSB 2.120 ALTI, A

10-EMPIRICAL METHS IN CORP FIN
Course number may be repeated for credit when the topics vary. In-depth study of existing empirical work in corporate finance, including econometric and statistical methods. Restricted to doctoral students. Prerequisite: Graduate standing and consent of instructor.
• 03740 TH 100 - 400P GSB 5.154 FRACASSI, C

FIN 297 COMPUTATIONAL FINANCE-MSF
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 of Finance (Option III) program. Class meets January 22-March 7. Mandatory exams March 12-14.
• 03745 TTH 300 - 500P GSB 3.104 TOMPAIDIS, E

2-PORTFOLIO MGT/SECUR ANLY-MSF
Course number may be repeated for credit when the topics vary. Modern practices in managing investment portfolios, portfolio optimization methods, asset management for individual and institutional investors, and valuation of equity 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). Restricted to students in the Master of Science in Finance program. Class meets January 22-March 7. Mandatory exams March 12-14.
• 03750 MW 100 - 300P GSB 3.104 SCHNEIDER, J

4-FINANCIAL RISK MANAGE-MSF
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. Prereq-

uisite: 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 students in the Master of Science in Finance (Option III) program. Class meets March 25-May 10. Mandatory exams held week of May 15-21.
• 03755 MW 300 - 500P GSB 3.104 RONN, E

6-SPEC TPCS IN INVESTMENT-MSF
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 students in the Master of Science in Finance program. Class meets March 25-May 10. Mandatory exams held week of May 15-21. meets with R M 294.
• 03760 MW 1000 - 1200 GSB 3.104 TITMAN, S

FIN 397 QUANT METHODS/INVSTMNT ANALY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and Business Administration 285T or 385T.
• 03765 MW 930 - 1100 RRH 3.402 SCHNEIDER, J

TITANS OF INVESTING
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 372, FIN 397.
• 03770 W 400 - 630P RRH 4.304 HARRIS, T

TITANS OF INVESTING-MSF
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 372, FIN 397.
• 03775 W 400 - 630P RRH 4.304 HARRIS, T

1-INVESTMENT THEORY & PRAC-MEX
Hour(s) to be arranged. 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 Executive MBA program in Mexico City. Class meets January 18-April 9. Taught at the 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.
• 03780 IRVINE, P

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.
• 03785 MW 930 - 1100 RRH 5.408 BROWN, K
• 03790 TTH 930 - 1100 RRH 5.420 ALVES, G
• 03795 MW 1230 - 200P RRH 5.408 BROWN, K
• 03800 MW 800 - 930 RRH 5.408 BROWN, K

2-PORTFOLIO MGMT & SECUR ANLY
Course number may be repeated for credit when the topics vary. Modern practices in managing investment portfolios, portfolio optimization methods, asset management for individual and institutional investors, and valuation of equity 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). Restricted to MBA Investment Fund students.
• 03805 TTH 1100 - 1230P RRH 5.420 ALVES, G

6-SPEC TPCS IN INVESTMENT-REIT
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 REIT Fund students. meets with FIN 377 (TOPIC 3).
• 03810 T 330 - 630P RRH 3.310 HALLMAN, G

10-ENVIR/SOCIAL/GOV INVESTING
Course number may be repeated for credit when the topics vary. A critical assessment of the actions of investors and corporations with regard to environmental, social, and governance policies, including the potential motivations and resulting consequences. Finance 397 (Topic: ENVIR/SOCIAL/GOV INVESTING) and Finance 297, 397 (Topic 10) may not both be counted. Prerequisite: Graduate standing and Business Administration 285T or 385T.
• 03815 MW 1230 - 200P RRH 3.406 STARKS, L

FIN 397P INVESTMENTS PRACTICUM
Restricted enrollment; contact the department for permission to register for this class. Project-based study with a focus on the application of finance principles to practical investment problems. Prerequisite: Graduate standing.
• 03820 W 200 - 500P RRH 5.382 KOTHARE, M

INVESTMENTS PRACTICUM-IF
Hour(s) to be arranged. Project-based study with a focus on the application of finance principles to practical investment problems. Prerequisite: Graduate standing. Restricted to MBA Investment Fund students.
• 03825

INVESTMENTS PRACTICUM-REIT
Hour(s) to be arranged. Project-based study with a focus on the application of finance principles to practical investment problems. Prerequisite: Graduate standing.
• 03830

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.
• 03835

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.
• 03840

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.
• 03845

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.
• 03850

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.
• 03855

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.
• 03860

FIN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Finance 399R, 699R, or 999R.
• 03865

FIN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Finance 399R, 699R, or 999R.
• 03870

FIN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Finance 399R, 699R, or 999R.
• 03875

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).
• 03930 MW 800 - 930 UTC 1.102 BOWERS, S
• 03935 MW 930 - 1100 UTC 1.102 BOWERS, S

R E 364 REAL ESTATE DEVELOPMENT
Offered on the letter-grade basis only. Provides an interdisciplinary experience with the entire development process including finance, branding, architecture, planning, entitlements, engineering, among others; and an opportunity to work with a multi-disciplinary team on real-world commercial real estate projects.Includes various guest speakers from the development industry that represent different aspects and phases of the development process. Additionally, time is provided for project work sessions with teammates,faculty and professional mentors which will include progress reports, workshops and group presentations. Culminates in a presentation of each group's work, including branding, business plan and pro-forma along withsite diagrams. Real Estate 360 (Topic: Real Estate Development) and 364 may not both becounted. Prerequisite: Real Estate 358 and consent of instructor.
• 03940 MW 930 - 1100 UTC 1.132 POPE, M

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.
• 03945 M 600 - 900P CBA 5.328 DAY, J

R E 378K REAL ESTATE FIN AND SYNDICATN
An examination of debt and equity financing of residential and commercial properties; mortgage markets and instruments; lender and investor decisions in real estate financing. Prerequisite: Finance 367 or Real Estate 358.
• 03950 TTH 1230 - 200P RRH 3.310 HALLMAN, G

Draft 2018

course	unique	days	time	room	instructor

R E 386 — 2-REAL ESTATE INVESTMENT DECIS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. In-depth coverage of approaches used to analyze real estate investments, including debt and equity. Prerequisite: Business Administration 285T or 385T, and credit or registration for Finance 286. Additional prerequisite: Real Estate 386 (Topic 1). Restricted to students in the MBA program.

• 03955	W	500 - 800P	RRH 3.414	SMITHEAL, J

R E 388 — SEMINAR IN REAL ESTATE FINANCE

Designed to accommodate 35 or fewer students. Current aspects of real estate finance as they affect lenders, borrowers, and investors. Institutional changes affecting trends in real estate finance are presented within a decision-making framework. Special emphasis on real estate capital markets, public and private debt, and equity. Prerequisite: Graduate standing.

• 03960	TTH	1100 - 1230P	RRH 3.310	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.

• 04015	MW	930 - 1100	UTC 3.104	LIU, H
• 04020	MW	930 - 1100	UTC 4.132	RAJAGOPALAN, R
• 04025	TTH	930 - 1100	UTC 4.132	ROCK, J
• 04030	MW	1100 - 1230P	UTC 4.132	RAJAGOPALAN, R
• 04035	TTH	1100 - 1230P	UTC 4.132	ROCK, J
• 04040	MW	1230 - 200P	UTC 1.146	JOGLEKAR, V
• 04045	MW	1230 - 200P	UTC 4.132	WEN, W
• 04050	TTH	1230 - 200P	UTC 4.132	ROCK, J
• 04055	MW	200 - 330P	UTC 4.132	WEN, W

MIS 301H — INTRO INFO TECH MGMT: HONORS

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 admitted to the McCombs School of Business Honors Program.

• 04060	TTH	930 - 1100	CBA 4.332	KONANA, P
• 04065	TTH	1100 - 1230P	CBA 4.332	AGARWAL, A
• 04070	TTH	1230 - 200P	CBA 4.332	AGARWAL, A

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. Maynot be counted toward the Bachelor of Business Administration degree. Restricted to non-McCombs School of Business majors.

• 04075	MW	200 - 330P	UTC 2.102A	PROVOST, S

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. Maynot 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.

• 04080				PROVOST, S

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.

• 04085	TTH	930 - 1100	UTC 1.144	KHOO, H
• 04090	TTH	1100 - 1230P	UTC 1.144	KHOO, H
• 04095	TTH	1230 - 200P	UTC 1.130	CONLEY, C
• 04100	MW	330 - 500P	UTC 4.110	SAMANT, A

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.

• 04105	TTH	1100 - 1230P	UTC 1.146	TUTTLE, J
• 04110	TTH	1230 - 200P	UTC 1.146	TUTTLE, J
• 04115	MW	200 - 330P	UTC 1.102	GU, Z
• 04120	MW	330 - 500P	UTC 1.102	GU, Z

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.

• 04125	TTH	1100 - 1230P	CBA 4.328	GRAY, K
• 04130	TTH	1230 - 200P	CBA 4.328	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. meets with O M 337.

• 04135	MW	1230 - 200P	UTC 4.110	GUPTA, D

IT SECUR, EDISCOV & DIG FORENS

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. Topic title: Business applications: Data visualization and analytics. Topic description: Provides students with an understanding of how e-discovery and digital forensics are applied in the investigation of digital cr imes. Technical skills are covered in a hands-on manner where possible. Prerequisite: MIS 301 or 301H with a grade of at least C-.

• 04140	MW	330 - 500P		TANRIVERDI, H

11-ADV ANALYTICS PROGRAMMING

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. Focuses hands-on data analysis using the Python programming language. Subjects include machine learning tasks such as classification and clustering. Management Information Systems 373 (Topic: Advanced Analytics Programming) and 173, 273, 373 (Topic 11) may not both be counted. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Management Information Systems 304 with a gradeof at least C-.

• 04145	MW	330 - 500P	CBA 5.330	CHAKRABARTI, D

13-INFO TECH FOR SUPPLY CHAINS

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. Provides an understanding of how information technology is used to coordinate supply chain activities across different industries. Studentswork in teams and undertake hands-on exercises to learn how to plan and coordinate operations. Management Information Systems 173, 273, 373 (Topic 13) and Operations Management 137, 237, 337 (Topic 4) may not both be counted. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Management Information Systems 301 or 301H witha grade of at least C-. same as O M 337 (TOPIC 4).

• 04150	MW	930 - 1100	UTC 3.110	WEN, W

17-PRED ANALYTIC & DATA MINING

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. Introduces the data mining process and primary data mining techniques employed to extract intelligence from data and evaluates the strengths and weaknesses of data mining techniques applied to challenges in various business domains. Only one of the following may be counted: Management Information Systems373 (Topic 17), Marketing 372 (Topic: Predictive Analytics and Data Mining), 372 (Topic 22). Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Statistics 309 or 309H. meets with MKT 372 (TOPIC 22).

• 04155	TTH	200 - 330P	UTC 1.146	SAAR-TSECHANSKY, M
• 04160	TTH	330 - 500P	UTC 1.146	SAAR-TSECHANSKY, M

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.

• 04162	MW	330 - 500P	UTC 1.132	TANRIVERDI, H

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 Sys-

tems365, 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.
• 04165 TTH 330 - 500P CBA 4.330 ROCK, J

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.
• 04170 TTH 200 - 330P CBA 5.328 CONLEY, C
• 04175 TTH 330 - 500P CBA 5.328 TUTTLE, J
• 04180 TTH 500 - 630P 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.
• 04185 MW 930 - 1100 CBA 4.332 GARG, R
• 04190 MW 1100 - 1230P CBA 4.332 GARG, R
• 04195 MW 200 - 330P CBA 4.332 GARG, R

MIS 179 INDEP RSCH IN MGMT INFO SYS
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.
• 04200

MIS 379 INDEP RSCH IN MGMT INFO SYS
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.
• 04205

MIS 381N STOCH CNTRL & OPTIMIZAT-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.
• 04210 TTH 930 - 1100 GSB 3.106 MUTHURAMAN, K

15-INTRO TO ELECTRON COMMERCE
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. Prerequisite: Graduate standing.
• 04215 W 200 - 500P CBA 4.336 WHINSTON, A

27-STRATEGS FOR NETWORKED ECON
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.
• 04220 TTH 1230 - 200P RRH 4.314 KONANA, P

MIS 382N EMERGING TECHNOLOGIES II
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. Topic description: Blockchain application development.
• 04225 MW 630 - 800P GSB 3.130 VISHWANATH, S

IT CAPSTONE
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.
• 04230 TTH 930 - 1100 GSB 3.130 CONLEY, C

IT SECUR/POLICY/COMPLIANCE
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.
• 04235 MW 1230 - 200P GSB 3.130 TANRIVERDI, H

11-BUSN INTELL CAPSTONE-MSBA
Course number may be repeated for credit when the topics vary. Explores foundations of business analytics related to database management, data analysis techniques, and business decision making to solve a business problem of a client. Prerequisite: Graduate standing. Additional prerequisite: Consent of instructor. Restricted to students in the Master of Science Business Analytics program. meets with MIS 382N (TOPIC 11).
• 04240 T 1230 - 330P GSB 3.130 HASLER, M
• 04245 T 1230 - 330P GSB 3.130 HUNTRESS, F

13-PRED ANLY AND DATA MINING
Course number may be repeated for credit when the topics vary. Management Information Systems 382N (Topic 9: Business Data Analytics with Data Mining) and and 382N (Topic 13) may not both be counted. Prerequisite: Graduate standing.
• 04250 TTH 1100 - 1230P RRH 4.314 SAAR-TSECHANSKY, M

MIS 184N SOCIAL MEDIA ANALYTICS-MSBA
Additional hour(s) to be arranged. 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 January 22-March 11. Mandatory exams March 12-14.
• 04255 M 300 - 600P GSB 3.130 BARUA, A

MIS 284N COGNITIVE COMPUTING
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. Additional prerequisites: MIS 382N (Topic: Design Methods) and MIS 382N (Topic: Adv Programming/App Devel). Class meets January 22-Ma rch 11. Mandatory exam March 12-14.
• 04260 MW 900 - 1100 GSB 3.130 DIMAKIS, G

IT AND SUPPLY CHAIN MGMT
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. Additional prerequisites: MIS 382N (Topic: Design Methods) and MIS 382N (Topic: Adv Programming/App Devel). Class meets March 25-May 10. Mandatory exams held week of May 15-21.
• 04265 TTH 400 - 600P GSB 3.130 AGARWAL, A

STRAT IT AND CHANGE MGMT
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. Additional prerequisites: MIS 382N (Topic: Design Methods) and MIS 382N (Topic: Adv Programming/App Devel). Class meets January 22-Ma rch 7. Mandatory exams March 12-14.
• 04270 TTH 200 - 400P RRH 3.310 KONANA, P

MIS 384N MSBA INDEPENDENT STUDY
Hour(s) to be arranged. 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 Business Analytics (option III) program. Partially taught as a Web-based course.
• 04275

MIS 698A THESIS
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.
• 04280

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.
• 04285

MIS 698B THESIS
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.
• 04290

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.
• 04295

course unique days time room instructor

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.
• 04300

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.
• 04305

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.
• 04310

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.
• 04315

MIS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management Information Systems 399R, 699R, or 999R.
• 04320

MIS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management Information Systems 399R, 699R, or 999R.
• 04325

MIS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management Information Systems 399R, 699R, or 999R.
• 04330

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: Biomedical Engineering 335, Economics 329, Educational Psychology 371, Mathematics 316, 358K, Statistics 309, 309H, Statistics and Data Sciences 302, 304, 306, 328M.
• 04385 MW 330 - 500P UTC 1.116 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, and 337 (Topic: Healthcare Operations) 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.
• 04390 MW 200 - 330P UTC 4.110 WANG, T
• 04395 TTH 200 - 330P UTC 4.132 STAMATOPOULOS, I
• 04400 MW 330 - 500P UTC 1.130 HASLER, M
• 04405 TTH 330 - 500P UTC 4.132 STAMATOPOULOS, I

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, and 337 (Topic: Healthcare Operations). Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Business Administration 324H, Economics 304K and 304L, andStatistics 309 or 309H.
• 04410 MW 1230 - 200P UTC 1.116 BAGCHI, U
• 04415 MW 200 - 330P UTC 1.116 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. meets with MIS 373.
• 04420 MW 1230 - 200P UTC 4.110 GUPTA, D

1-TOTAL QUALITY 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: For business majors, Operations Management 334M, 335 or 335H with a grade of at least C-; for others, admission to an appropriate major sequence in engineering.
• 04425 MW 930 - 1100 UTC 3.112 BAGCHI, U

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; negotiating 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-.
• 04430 MW 1230 - 200P UTC 1.130 HASLER, M

4-INFO TECH FOR SUPPLY CHAINS
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Provides an understanding of how information technology is used to coordinate supply chain activities across different industries. Students work in teams and undertake hands-on exercises to learn how to plan and coordinate operations. Management Information Systems 173, 273, 373 (Topic 13) and Operations Management 137, 237, 337 (Topic 4) may not both be counted. Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Management Information Systems 301 or 301H witha grade of at least C-. same as MIS 373 (TOPIC 13).
• 04435 MW 930 - 1100 UTC 3.110 WEN, W

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-.
• 04440 TTH 330 - 500P GSB 2.120 BURKE, C

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 students in a business major. Prerequisite: Operations Management 334M, 335, or 335H.
• 04445 MW 1100 - 1230P UTC 4.104 BALAKRISHNAN, A

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.
• 04450 TTH 200 - 330P UTC 3.124 LAI, G
• 04455 TTH 330 - 500P UTC 3.124 LAI, G

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.
• 04460 TTH 1100 - 1230P CBA 4.348 LAI, G
• 04465 MW 330 - 500P CBA 4.332 MORRICE, D

O M 379 INDEP RSCH IN OPERATIONS MGMT
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.
• 04470

O M 380 EMPIRICAL METHODS IN O M
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 04475 F 100 - 400P STAMATOPOULOS, I

15-OPTIMIZATION I
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to operations research and optimization, including linear programming, network models, deterministic dynamic programming, decisions under uncertainty, game theory, inventory models, and simulation. Emphasis on mathematical programming models and algorithmic approach of operations research problems. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 04480 M 200 - 500P

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. meets with O M 386.
• 04485 MW 330 - 500P RRH 3.402 GUPTA, D

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. Restricted to students in the MS in Business Analytics program. meets with O M 386.
• 04490 MW 330 - 500P RRH 3.402 GUPTA, D

course unique days time room instructor

MARKETING ANALYTICS II
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. Restricted to students in the Master of Science in Business Analytics program.
• 04495 TH 1230 - 330P GSB 3.130 DUAN, J

PRICING & REVENUE MGMT-MSBA
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. Restricted to students in the Master of Science Business Analytics Program.
• 04500 W 300 - 600P GSB 2.120 LAI, G

SUPPLY CHAIN 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.
• 04505 TTH 330 - 500P RRH 3.414 GUTIERREZ, G

4-OPERATIONS PRACTICUM
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.
• 04510 TTH 200 - 330P RRH 4.314 ANDERSON, M

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).
• 04565 MW 800 - 930 UTC 4.122 MCCLELLAN, C

R M 179 INDEP RSCH IN RISK MANAGEMENT
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.
• 04570

R M 379 INDEP RSCH IN RISK MANAGEMENT
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.
• 04575

R M 391 MATHEMATICS IN FINANCE
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.
• 04580 M 200 - 500P CBA 4.336 ZARIPHOPOULOU, T

R M 294 FINANCIAL TECHNOLOGY-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. Restricted to students in the Master of Science Business Analytics program. Class meets January 22-March 11. Mandatory exams March 12-14. meets with FIN 294 (TOPIC 5).
• 04585 MW 1000 - 1200 RRH 3.406 FRACASSI, C

QUANTV INVEST STRATEGIES-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. Class meets March 25-May 10. Mandatory exams held week of May 15-21. meets with FIN 297 (TOPIC 6).
• 04590 MW 1000 - 1200 GSB 3.104 TITMAN, S

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.
• 04645 MW 800 - 930 UTC 1.104 MOLISKI, E
• 04650 MW 930 - 1100 UTC 1.104 MOLISKI, E
• 04655 MW 1230 - 200P UTC 4.124 GREENBERG, B
• 04660 MW 200 - 330P UTC 4.124 GREENBERG, B

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.
• 04665 MW 800 - 930 UTC 4.124 BILGIN, E
• 04670 MW 800 - 930 UTC 4.132 DAMIEN, P
• 04675 TTH 800 - 930 UTC 4.124 ENCHEVA, T
• 04680 MW 930 - 1100 UTC 4.124 LUKOFF, B
• 04685 TTH 930 - 1100 UTC 4.124 ENCHEVA, T
• 04690 TTH 1230 - 200P UTC 4.104 MOLISKI, E
• 04695 TTH 200 - 330P UTC 4.104 MOLISKI, E
• 04700 MW 330 - 500P UTC 4.132 MURRAY, J

STA 371H STATISTICS & MODELING: HONORS
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 admitted to the McCombs School of Business HonorsProgram. Prerequisite: Management Information Systems 301, 301H, or 310; Mathematics 408D, 408L, 408M or 408S; Statistics 309 or 309H; and creditor registration for Business Administration 324H.
• 04705 MW 930 - 1100 UTC 1.144 MURRAY, J
• 04710 MW 1100 - 1230P UTC 1.118 MURRAY, J

STA 372 5-FINCL/ECONOMET TIME SER MODL
Course number may be repeated for credit when the topics vary. Applied skills course that focuses on statistical forecasting methods used in business. Subjects may include Box-Jenkins models; exponential smoothing models; ARCH/GARCH models for varying volatility in financial returns; seasonal adjustment of time series; tests for nonstationarity of time series; and modeling multiple time series. Each subject is illustrated with real data using series such as interest rates and stock returns. 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; or Statistics and Data Sciences 358 (or Statistics and Scientific Computation 358) or Economics 341K; or other course with basic knowledgeabout regression.
• 04715 MW 1100 - 1230P GSB 3.130 SHIVELY, T

STA 375 STAT AND MODELING FOR FINANCE
Methods used to model and analyze data, especially as applied to problems related to finance. Explores regression models, time-series models, decision analysis and simulation-based methods. Only one of the following may be counted: Statistics 371G, 371H, 375, 375H. Restricted to students in the McCombs School of Business. Prerequisite: Management Information Systems 301, 301H, or 310; Mathematics 408D, 408L, 408M or 408S; Statistics 309 or 309H; and credit or registration for Business Administration 324 or 324H.
• 04720 TTH 800 - 930 CBA 5.330 TOMPAIDIS, E

STA 375H STAT/MODLNG FOR FINANCE: HONOR
Offered on the letter-grade basis only. Methods used to model and analyze data, especially as applied to problems related to finance. Explores regression models, time-series models, decision analysis and simulation-based methods. Only one of the following may be counted: Statistics 371G, 371H, 375, 375H. Restricted to students admitted to the McCombs School of Business HonorsProgram. Prerequisite: Management Information Systems 301, 301H, or 310; Mathematics 408D, 408L, 408M or 408S; Statistics 309 or 309H; and creditor registration for Business Administration 324H.
• 04725 TTH 930 - 1100 CBA 5.330 TOMPAIDIS, E

STA 380 18-LRN STRUCT/TIME SERIES-MSBA
Course number may be repeated for credit when the topics vary. Selected topics in the applications of statistical methods to business problems. Introduction to exploring data analysis, clustering, dimension reduction, networks, text timing, and time series. 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.
• 04730 TTH 330 - 500P GSB 3.106 SAGER, T

STA 287 BUSN ANALYTICS & DECIS MODLNG
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 MBA program. Class meets March 25-May 10. Mandatory exams held week of May 15-21.
• 04735 MW 800 - 1000 RRH 3.310 DYER, J
• 04740 MW 1200 - 200P RRH 3.310 DYER, J

BUSN ANALYTICS & DECIS MODLNG
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 MBA program. Class meets March 25-May 10. Mandatory exams held week of May 15-21. meets with STA 287.
• 04745 MW 1000 - 1200 RRH 3.310 DYER, J

BUSN ANLY/DECIS MODLING-I-DAL
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 cohort I students in the MBA program in Dallas. Class meets January 5-March 1. Taught at UT Southwestern Medical Center in Dallas, Texas. meets with STA 287.
• 04750 MW 1000 - 1200 RRH 3.310 DYER, J

BUSN ANLY/DECIS MODLING-I-HOU
Hour(s) to be arranged. 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 cohort I students in the MBA program in Houston. Class meets January 5-March 2. Taught at UT Health Sciences Center in Houston, Texas.
• 04755 MUTHURAMAN, K

BUSN ANLY/DECIS MODLING-II-DAL
Hour(s) to be arranged. 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 cohort II students in the MBA program in Dallas. Class meets January 5-March 1. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 04760 DYER, J

BUSN ANLY/DECIS MODLING-II-HOU
Hour(s) to be arranged. 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 cohort II students in the MBA program in Houston. Class meets January 4-March 2. Taught at UT Health Sciences Center in Houston, Texas.
• 04765 MUTHURAMAN, K

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.
• 04820 AROIAN, M

FNDTNS OF MGMT & ORG BEHAVIOR
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.
• 04825 TTH 930 - 1100 UTC 2.102A AROIAN, M
• 04830 TTH 1100 - 1230P UTC 2.102A AROIAN, M

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.
• 04835 TTH 930 - 1100 CBA 4.326 PRITCHETT, K
• 04840 TTH 1100 - 1230P CBA 4.326 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.
• 04845 TTH 1230 - 200P UTC 1.132 PETERSON, M
• 04850 TTH 200 - 330P UTC 1.132 PETERSON, M

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-.
• 04855 MW 200 - 330P CBA 4.326 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 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.
• 04860 MW 930 - 1100 CBA 4.328 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, or Social Science 302D or 302E.
• 04865 MW 800 - 930 UTC 1.146 GRAY JR, S
• 04870 MW 930 - 1100 UTC 1.146 GRAY JR, S
• 04875 MW 1100 - 1230P UTC 1.144 THURMAN, T
• 04880 MW 1100 - 1230P UTC 1.146 GRAY JR, S
• 04885 MW 1230 - 200P UTC 1.144 THURMAN, T
• 04890 TTH 200 - 330P UTC 1.144 PRITCHETT, K
• 04895 TTH 330 - 500P CBA 4.332 PATIL, S
• 04900 TTH 330 - 500P UTC 1.144 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, or Social Science 302D or 302E.
• 04905 TTH 1100 - 1230P CBA 5.330 PATIL, S
• 04910 TTH 1230 - 200P CBA 5.330 PATIL, S

MAN 337 2-INTRDISCPLNRY ENTREPRENRSHP
Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. 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 ofintellectual 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: Computer Science 374L, 378 (Topic: Longhorn Startup), Electrical Engineering 377E, Engineering Studies 377E, Management 337 (Topic: Interdisciplinary Entrepreneurship), 337 (Topic 2). Restricted to students in a business major. Prerequisite: Varies with the topic. Additional prerequisite: Consent of instructor. meets with C S 374L.
• 04915 TH 600 - 900P GDC 2.216 BAER, J

3-INTERCULTURAL MANAGEMENT
Course number may be repeated for credit when the topics vary. Analysis of contemporary management problems. Provides a conceptual framework and specific tools for interacting successfully in international teams, negotiations, and partnerships. Discusses cultural patterns characteristic of world regions and particular countries in terms of their implications for corporate management. Management 337 (Topic: Intercultural Management) and 137, 237, 337 (Topic 3) may not both be counted. Prerequisite: Varies with the topic.
• 04920 TTH 1230 - 200P CBA 4.324 MENDEZ, D

course	unique	days	time	room	instructor

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, ecosystems, 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.

• 04925	MW	1230 - 200P	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-.

• 04930	MW	330 - 500P	CBA 4.326	EDWARDS, K	

MAN 137C INTRO TO MGMT GLOBAL ENVRNT

Offered on the letter-grade basis only. Develops students' skills in recognizing cultural tendencies, both in themselves and in new geographic locations; introduces observation and reflection techniques to maximize learning while abroad. Course must be taken before participation in the international experience component required by the Global Management Certificate. Only one of the following may be counted toward the Global Management Certificate: Applied Learning and Development 119, 219, 319, 419, 519, 619, 179, 279, Liberal Arts 119, 219, 319, 129, 229, 329, Management 137C, 337 (Topic: Intercultural Management), 379, 479, 579, 679. Restricted to students accepted to the Global Management Certificate program.

• 04935	TTH	800 - 930	CBA 4.332	MENDEZ, D	

MAN 237D GLOBAL MANAGEMENT CAPSTONE

Offered on the letter-grade basis only. Develops students' ability to process and articulate learning from intercultural experience; develops skills in applying knowledge and strategies gained in one region/country to new cultural and geopolitical contexts. Restricted to students accepted to the Global Management Certificate program. Prerequisite: Management 137C, completion of required international experience component of the Global Management Certificate, and consent of instructor.

• 04940	TTH	930 - 1100	JES A303A	MENDEZ, D	

MAN 347P ENTREPRENEURSHIP PRACTICUM

Offered on the letter-grade basis only. 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.

• 04945	TTH	930 - 1100	CBA 4.328	PETERSON, M	

MAN 367P SOCIAL ENTREPRENEURSHIP II

May be repeated for credit. Students apply skills and focus on readying chosen projects to increase awareness and understanding of business and economics issues, and prepare presentation teams for regional and national competitions based on criteria set by the international Enactus organization. Prerequisite: Upper-division standing and Management 366P.

• 04950	MW	330 - 500P	JES A305A	PASSOVOY, D	

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.

• 04955	MW	930 - 1100	CBA 4.324	AGARWAL, S	
• 04960	TTH	1100 - 1230P	CBA 4.324	PASSOVOY, D	
• 04965	MW	1230 - 200P	CBA 4.348	PASSOVOY, D	
• 04970	TTH	200 - 330P	CBA 4.332	PASSOVOY, D	

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.

• 04975	MW	1230 - 200P	CBA 5.330	AGARWAL, S	

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. meets with BGS 370 (TOPIC 2).

• 04980	MW	1100 - 1230P	CBA 5.330	AGARWAL, S	

MAN 179C INDEPENDENT RSCH IN MANAGEMENT

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.

• 04985					

MAN 379C INDEPENDENT RSCH IN MANAGEMENT

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.

• 04990					

MAN 283 16-LEADING PEOPLE AND ORGS

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. meets with MAN 283 (TOPIC 16).

• 04992	MW	1000 - 1200	RRH 4.314	DIERKING, D	

16-LEADING PEOPLE AND ORGS

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.

• 04993	MW	1200 - 200P	RRH 4.314	BURROWS, J	

16-LEADING PEOPLE AND ORGS

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. meets with MAN 283 (TOPIC 16).

• 04994	MW	1000 - 1200	RRH 4.314	BURROWS, J	

23-PEOPLE ANALYTICS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Covers issues related to making human resource decisions in a more effective manner. Uses a strategic perspective, with particular emphasison the links between human resource decisions and a firm's competitive position. Management 283, 383 (Topic 22) and 283, 383 (Topic 23) may not both be counted. 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. meets with MAN 283 (TOPIC 23).

• 04995	MW	800 - 1000	RRH 4.416	BERMISS, Y	
• 05000	MW	800 - 1000	RRH 4.416	BURRIS, E	
• 05005	MW	1000 - 1200	RRH 4.416	BERMISS, Y	
• 05010	MW	1000 - 1200	RRH 4.416	BURRIS, E	

23-PEOPLE ANALYTICS

Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Covers issues related to making human resource decisions in a more effective manner. Uses a strategic perspective, with particular emphasison the links between human resource decisions and a firm's competitive position. Management 283, 383 (Topic 22) and 283, 383 (Topic 23) may not both be counted. 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. Restricted to students in the Master of Science Business Analytics program. meets with MAN 283 (TOPIC 23).

• 05011	MW	800 - 1000	RRH 4.416	BURRIS, E	

MAN 383 ADVOCACY

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 CMS 386P.

• 05015 TTH 1230 - 200P GSB 2.124 DALY, J

16-LEADING PEOPLE/ORGS-I-DAL

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 cohort I students in the MBA program in Dallas. Class meets January 3-May 10. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 05020 HARRISON, D

16-LEADING PEOPLE/ORGS-I-HOU

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 cohort I students in the MBA program in Houston. Class meets January 4-May 11. Taught at UT Health Sciences Center in Houston, Texas.

• 05025 MARTINS, L

16-LEADING PEOPLE/ORGS-II-DAL

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 cohort II students in the MBA program in Dallas. Class meets January 3-May 10. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 05030 HARRISON, D

16-LEADING PEOPLE/ORGS-II-HOU

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 cohort II students in the MBA program in Houston. Class meets January 5-May 11. Taught at UT Health Sciences Center in Houston, Texas.

• 05035 MARTINS, L

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.

• 05040 MW 800 - 930 RRH 2.238 BRODSKY, A
• 05045 MW 930 - 1100 RRH 2.238 BRODSKY, A
• 05050 MW 1100 - 1230P RRH 2.238 BRODSKY, A

20-ART/SCI NEGOTN-UT/CHN-EMBA

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. Additional prerequisite: Admission to the McCombs School of Business. Restricted to students in the Executive MBA program. Mandatory seminar May 4-10 taught in Beijing, China. Class meets January 4-April 13. Students must consult with department as travel and orientation dates may be i n addition to these dates.

• 05055 RRH 4.408 DIERKING, D

20-ART/SCI OF NEGOTIATN-I-DAL

Hour(s) to be arranged. 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. Restricted to cohort I students in the MBA program in Dallas. Class meets January 5-April 26. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 05060 DUKERICH, J

20-ART/SCI OF NEGOTIATN-I-HOU

Hour(s) to be arranged. 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. Restricted to cohort I students in the MBA program in Houston. Class meets January 5-April 27. Taught at UT Health Sciences Center in Houston, Texas.

• 05065 DIERKING, D

20-ART/SCI OF NEGOTIATN-II-DAL

Hour(s) to be arranged. 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. Restricted to cohort II students in the MBA program in Dallas. Class meets January 4-April 26. Taught at UT Southwestern Medical Center in Dallas, Texas.

• 05070 DUKERICH, J

20-ART/SCI OF NEGOTIATN-II-HOU

Hour(s) to be arranged. 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. Restricted to cohort II students in the MBA program in Houston. Class meets January 4-April 27. Taught at UT Health Sciences Center in Houston, Texas.

• 05075 DIERKING, D

20-ART/SCI OF NEGOTIATN-MEX

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. Additional prerequisite: Admission to the McCombs School of Business. Restricted to students in the Executive MBA program in Mexico City. Faculty-led Abroad Program taught in Mexico City, Mexico. Class meets January 18-April 9. Students must consult with department as travel and orient ation dates may be in addition to these dates.

• 05080 DIERKING, D

20-ART/SCI OF NEGOTIATN-TEMBA

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. Restricted to students in the Texas Evening MBA program. Mandatory orientation January 4-7. Class meets January 15-March 3.

• 05085 T 500 - 930P RRH 4.314 DIERKING, D

MAN 285 DIR STD GLOBAL MGMT-UT/KOR fee: $2800.00

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. Mandatory field trip abroad March 11-20 taught in Seoul and Busan, South Korea. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 05090 T 600 - 800P CBA 4.344 KELM, O

MAN 385 CRISIS MANAGEMENT

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 LAW 371V, P A 383C.

• 05095 F 900 - 1200 SRH 3.122 INMAN, B

DIR STD GLBL MGMT-UT/CHI/ARG fee: $2900.00

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. 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. Restricted to first and second-year students in the MBA program. Mandatory field trip abroad March 11-20 taught in Santiago, Chile and Buenos Aires, Argentina. Students must consult with department as travel and orie ntation dates may be in addition to these dates.

• 05100 M 330 - 630P RRH 3.414 WERNER, T

DIR STD GLOBAL MGMT-MEX/CHN

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. Restricted to students in the Executive MBA program in Mexico City. Mandatory field trip abroad May 5-11 taught in Shanghai, China. Taught at the 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.

• 05105 GUTIERREZ, G

DIR STD GLOBAL MGMT-UT/CHN fee: $2700.00

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. 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. Mandatory field trip abroad meets March 11-20 taught in Shanghai, Nanjing, and Beijing, China. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 05110 T 330 - 630P RRH 4.416 BEACH, F

DIR STDS GLOBAL MANGMT-UT/IND fee: $2700.00

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. 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. Mandatory field trip abroad March 11-20 taught in Bangalore and New Delhi, India. Students must consult with department as travel and orientation dates may be in addition to these dates.
• 05115 T 330 - 630P RRH 5.402 GAWANDE, K

DIR STUD GLOBAL MGMT-UT/RSA fee: $2900.00
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. 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. Mandatory field trip abroad March 11-20 taught in Pretoria, Johannesburg, and Cape Town, South Africa. Students must consult with department as travel and orientation dates may be in addition to these dates.
• 05120 W 330 - 630P RRH 3.310 AMATO, R

ENERGY TECHNOLOGY AND POLICY
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 P A 388K, M E 382Q (TOPIC 4), EER 396, CHE 359, CHE 384T, M E 363M.
• 05125 TTH 800 - 930 CPE 2.204 TUTTLE, D

ENTERPRISE OF TECHNOLOGY
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. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with M E 395.
• 05130 T 330 - 630P RRH 3.406 NICHOLS, S

GLOBAL MANAGEMENT
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. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 05135 W 330 - 630P RRH 5.420 DOGGETT, J

HEALTHCARE BUSINESS ECOSYSTEM
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 P A 388K.
• 05140 MW 1230 - 200P RRH 4.304 LOESCHER, K

HLTHCR TECH CMMRCLZTN PRACT
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. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Topic title: Healthcare technology commercialization practicum.
• 05145 M 330 - 630P RRH 5.408 ADAMS, R

INNOVATN THRU DESGN THINKNG
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. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Topic title: Strategic design: Innovation through design thinking.
• 05150 M 600 - 900P RRH 2.238 REESE, N

MANAGEMENT SUSTAINABILITY PRAC
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. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 05155 TTH 1230 - 200P RRH 4.402 DOGGETT, J

MANGNG CORP RSTRCT-UT/CHN-EMBA
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. Restricted to students in the Executive MBA program. Class meets January 4-April 13 at AT&T Executive Education and Conference Center. Mandatory seminar abroad May 4-10 taught in Beijing, China. Students must consult with department as travel and orientation dates may be in addition to these dates.
• 05160 RRH 4.408 COURTER, S

MNG CORP RSTR/TURNARND/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.
• 05165 TTH 330 - 500P RRH 5.408 COURTER, S

MORAL LEADERSHIP IN ECO ENTERP
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.
• 05170 M 330 - 630P RRH 5.420 HACKETT, J

PHARMACEUTCL ENTREPRENEURSHIP
Additional hour(s) to be arranged. 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 PGS 380M, PHM 382R.
• 05175 W 300 - 530P EER 1.528 WALKOW, J

SOCIAL ENTREPRENEURSHIP
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 P A 388L, S W 395K.
• 05180 T 200 - 500P SRH 3.220 THORNBORROW, J

PERF AND SPORTS ANALYTICS
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.
• 05185 TH 330 - 630P RRH 4.314 GOLDSBERRY, K

TECHNOLOGY STRATEGY
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.
• 05190 TTH 200 - 330P RRH 5.420 POLIDORO, F
• 05195 TTH 330 - 500P RRH 5.420 POLIDORO, F

TEXAS VENTURE LABS PRACTICUM
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. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with M E 397, E M 397, ASE 396, LAW 379M.
• 05200 M 330 - 630P RRH 3.406 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 ASE 396, M E 397.
• 05205 MW 200 - 330P RRH 5.420 ADAMS, R

23-INTRO TO ENTRPRNSHP
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.
• 05210 TTH 930 - 1100 RRH 5.408 GRAEBNER, M

23-INTRO TO ENTRPRNSHP
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. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 05215 TTH 1100 - 1230P RRH 5.408 GRAEBNER, M

24-ENTREPRENEURIAL GROWTH
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. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 05220 TTH 930 - 1100 RRH 3.414 DOGGETT, J

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). 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).
• 05225 TH 330 - 630P RRH 4.416 CUNNINGHAM, W

69-SOCIAL INNOVATION PRACTICUM
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Overview of the field of social innovation, including concepts and toolsthat support the creation of social ventures. Hands-on application to develop a social venture, articulate its vision, create a business plan, choose an organizational form for the venture, and assess the venture's financial and social impact. Restricted to graduate students in the McCombs School of Business. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 05230 TTH 1230 - 200P RRH 3.414 KOTHARE, M

MAN 185F LEADING FOR IMPACT-I-DAL
Offered on the letter-grade basis only. Analysis and application of contemporary concepts and theories of principled leadership for work teams and organizations. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Dallas. Class meets January 5; March 15; and May 11. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 05235 BARTEL, C

course unique days time room instructor

LEADING FOR IMPACT-I-HOU
Offered on the letter-grade basis only. Analysis and application of contemporary concepts and theories of principled leadership for work teams and organizations. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Houston. Class meets January 5; March 15; and May 11. Taught at UT Health Sciences Center in Houston, Texas.
• 05240 BURRIS, E

LEADING FOR IMPACT-II-DAL
Offered on the letter-grade basis only. Analysis and application of contemporary concepts and theories of principled leadership for work teams and organizations. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Dallas. Class meets January 5; March 15; and May 11. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 05245 BARTEL, C

LEADING FOR IMPACT-II-HOU
Hour(s) to be arranged. Offered on the letter-grade basis only. Analysis and application of contemporary concepts and theories of principled leadership for work teams and organizations. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Houston. Class meets January 5; March 15; and May 11. Taught at UT Health Sciences Center in Houston, Texas.
• 05250 BURRIS, E

LEADING FOR IMPACT-TEMBA
Offered on the letter-grade basis only. Analysis and application of contemporary concepts and theories of principled leadership for work teams and organizations. Prerequisite: Graduate standing. Restricted to students in the Texas Evening MBA program. Mandatory orientation January 4-7. Class meets March 28-May 4.
• 05255 TH 500 - 930P RRH 4.314 BURRIS, E

MAN 390 ADVANCED ANALYTICAL SKILLS
Designed to accommodate 35 or fewer students. 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.
• 05260 W 900 - 1200 CBA 4.204 HARRISON, D

2-INTRO TO RSCH METHOD IN MGMT
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.
• 05265 W 200 - 500P CBA 4.204 GRAEBNER, M

3-RSCH METHODS IN MANAGEMENT
Hour(s) to be arranged. 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.
• 05270 T 900 - 1200 CBA 4.204 HARRISON, D

MAN 393 2-CONTEMP ISSUES IN STRAT MGMT
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Intensive analysis of strategic management issues. Prerequisite: Admission to the doctoral degree program and consent of instructor.
• 05275 TH 900 - 1200 CBA 4.204 POLIDORO, F

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.
• 05280

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.
• 05285

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.
• 05290

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.
• 05295

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.
• 05300

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.
• 05305

MAN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management 399R, 699R, or 999R.
• 05310

MAN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management 399R, 699R, or 999R.
• 05315

MAN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Management 399R, 699R, or 999R.
• 05320

DEPARTMENT OF MARKETING

International Business - I B
Marketing - MKT

I B 320F FOUNDATIONS OF INTERNATL BUSN
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.
• 05375 T 330 - 630P WCH 1.120 FROEHLS, M

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).
• 05380 MW 1100 - 1230P CBA 4.326 GERBER, L
• 05385 MW 200 - 330P CBA 4.328 GERBER, L
• 05390 MW 330 - 500P CBA 4.328 GERBER, L

I B 372 BUS ENVIRO OF EUROPN 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.
• 05395 MW 930 - 1100 CBA 5.330 FROEHLS, M

11-GLOBAL ENTREPRENEURSHIP
Course number may be repeated for credit when the topics vary. A practical guide to starting, managing and exiting a business in a global context. Aspects of global entrepreneurship including opportunityanalysis, business planning, fundraising, competing in a global marketplace, and managing through crisis explored through practical experience and real-world examples. International Business 372 (Topic: Global Entrepreneurship) and 172, 272, 372 (Topic 11) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.
• 05400 M 500 - 800P CBA 4.332 GABBI, A

I B 378 INTERNATIONAL BUSN OPERATIONS
Establishment and conduct of international business operations: trade, investments, branch and subsidiary management, intermediary functions; case studies in international enterprise. Restricted to students in a business major. Prerequisite: Upper-division standing; at least seventy-five semester hours of coursework, including Economics 339K or International Business 350; 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, 366P.
• 05405 MW 930 - 1100 CBA 4.326 GABBI, A

I B 179C INDEP RSCH IN INTERNATL BUSN
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.
• 05410

I B 379C INDEP RSCH IN INTERNATL BUSN
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.
• 05415

course	unique	days	time	room	instructor

I B 395 INTL BUSINESS FELLOWS SEMINAR

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. Topic description: Multidisciplinary seminar for students in area studies, business administration, law, and public policy. The faculty includes both academics and business leaders. meets with P A 387K.

• 05420	TTH	1230 - 200P	RRH 5.408	DODD, D

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.

• 05475	MW	800 - 930	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.

• 05480				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.

• 05485	MW	800 - 930	UTC 3.124	BRISTER, S
• 05490	TTH	800 - 930	UTC 3.104	BRISTER, S
• 05495	MW	1100 - 1230P	UTC 3.110	BRISTER, S
• 05500	TTH	1100 - 1230P	UTC 3.104	HOHENBERG, S
• 05505	MW	1230 - 200P	UTC 3.110	MILLER, H
• 05510	TTH	1230 - 200P	UTC 1.144	WALLS, S
• 05515	MW	200 - 330P	UTC 1.144	GABBI, A
• 05520	MW	200 - 330P	UTC 3.110	MILLER, H
• 05525	MW	330 - 500P	UTC 3.110	

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.

• 05530	MW	200 - 330P	CBA 5.328	MCALISTER, L

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.

• 05535	MW	1100 - 1230P	CBA 4.328	LI, K
	M	400 - 500P	CBA 5.304	
• 05540	MW	1230 - 200P	CBA 4.328	LI, K
	M	300 - 400P	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.

• 05545	MW	930 - 1100	UTC 1.118	MILLER, H

MKT 366P MARKETING 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 in a business major. Prerequisite: Completion of forty-five semester hours of coursework, Marketing 337 or 337H, and consent of instructor.

• 05550	MW	1100 - 1230P	CBA 4.324	GABBI, A

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.

• 05555	MW	1100 - 1230P	UTC 1.102	PETERSON, W
• 05560	MW	1230 - 200P	UTC 1.102	PETERSON, W
• 05565	TTH	200 - 330P	CBA 4.328	JAIN, K
• 05570	TTH	330 - 500P	CBA 4.328	JAIN, K

MKT 372 MARKETING HI-TECH PRODUCTS

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.

• 05574	MW	1230 - 200P	CBA 4.324	WILLIAMS, J

SCIENCE OF GOOD BUSINESS

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic. Topic description: Focus on business to business marketing skills including: organizational buying and selling models; launching business to business products and services; pricing a product line; sales management a nd support; managing distribution partners; and social media for business to business promotion.

• 05575	TTH	1230 - 200P	UTC 1.116	KUMAR, A

SALES STRATEGY AND STEERING

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.

• 05580	TTH	200 - 330P	CBA 4.324	HOHENBERG, S

4-GLOBAL MARKETING

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. 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.

• 05585	MW	800 - 930	CBA 4.324	FROEHLS, M

5-DESIGN THINKING BUSN INNOV

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. Focuses on gaining a theoretical understanding of design thinking, including: Customer-focus, cross-functional collaboration, and an iterative process for refining products and services. Intended for budding entrepreneurs and those interested in understanding the processes involved in taking a new product/service idea to market. Marketing 372.5 and 372 (Topic: Design Thinking for Busn Innov) may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.

• 05590	MW	200 - 330P	CBA 4.348	RAGHUNATHAN, R

11-BRAND MANAGEMENT

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. 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.

• 05595	MW	1100 - 1230P	CBA 4.330	BRONIARCZYK, S

15-CORPORATE POLITICAL STRATGY

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. A study of how the political and regulatory environment enables and constrains business activity and how individual firms and groups of firms can ethically yet effectively lobby legislatures, negotiate with regulators, create industry associations, make campaign contributions, and engage in other political activity to gain competitive advantage. Only one of the following may be counted: Business, Government, and Society 371, Marketing 372 (Topic: Corporate Political Strategy), 172, 272, 372 (Topic 15). Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic. meets with BGS 371.

• 05600	MW	1230 - 200P	CBA 5.328	WERNER, T

17-CONSUMER BEHAV DIGITAL WRLD

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. Examines the core psychological processes underlying consumer decision-making and behavior, and the impact of recent technological advancements on consumer behavior in on and offline environments. Marketing 372 (Topic: Consumer Behavior in a Digital World) 372 (Topic 17) may not both be counted. Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.

• 05605	TTH	1100 - 1230P	CBA 4.330	WARD, A

18-CREATIVITY AND LEADERSHIP

Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. Exploration of the determinants for a meaningful and fulfilling life. Marketing 372 (Topic: Creativity and Leadership) and 172, 272, 372 (Topic 18) may not both be counted. Re-

stricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic.
• 05610 MW 330 - 500P CBA 4.348 RAGHUNATHAN, R

22-PREDICT ANLYTCS/DATA MINING
Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. Comprehensive introduction to data mining problems and tools to enhance managerial decision making at all levels of the organization. Discuss scenarios including the use of data mining to support customer relationship management (CRM) decisions, decisions in the entertainment industry, financial trading, and even professional sports teams. No technical skills or prior knowledge required. Only one of the following may be counted: Management Information Systems373 (Topic 17), Marketing 372 (Topic: Predictive Analytics and Data Mining), 372 (Topic 22). Restricted to students in a business major. Prerequisite: Marketing 337 or 337H; additional prerequisites vary with topic. meets with MIS 373 (TOPIC 17).
• 05615 TTH 200 - 330P UTC 1.146 SAAR-TSECHANSKY, M
• 05620 TTH 330 - 500P UTC 1.146 SAAR-TSECHANSKY, M

26-STRAT CONSULTING FOR MRKTRS
Course number may be repeated for credit when the topics vary. Deeper-dive into principal marketing techniques and the analysis of contemporary problems. 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.
• 05625 MW 800 - 930 CBA 5.330 PETERSON, W

MKT 178 DATA STORYTELLG/VISUALIZATN
Hour(s) to be arranged. 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 Additional prerequisite: Twenty-four semester hours of college credit. Topic description: Explore data driven marketing by identifying and utilizing data using tableau, data literacy, visualization principles, and co mmunication. Class meets 5pm-8pm, Mondays, April 8-May 6 in CBA 5.330.
• 05630 FORREST, C

WEBSITE MARKETING ANALYTICS
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 Additional prerequisite: Twenty-four semester hours of college credit. Topic description: A hands on exercise plus conceptual framework based course on complex sales negotiations. Class meets January 23-February 20.
• 05635 W 500 - 800P CBA 5.328 COCOS, Z

SEO/PAID SOCIAL MEDIA MKTG
Hour(s) to be arranged. 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 Additional prerequisite: Twenty-four semester hours of college credit. Topic description: Course explores strategies, implementations, and measurements for paid digital marketing campaigns including best practices wi thin a modern toolkit. Subject areas include AdWords, calculating lifetime value, and customer acquisition. Class meets 5pm-8pm, Mondays, March 4-April 1 in CBA 5.330.
• 05640 FREY, L

STORYTIZING:NEW DIGITAL MODELS
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 Additional prerequisite: Twenty-four semester hours of college credit. Topic description: Course examines how to set up, measure, and make marketing decisions using analyics tools including Google analytics, funnel a nalysis, cohort and segment analysis, attribution models, and viral coefficient growth rate. Class meets January 28-February 25.
• 05645 M 500 - 800P CBA 5.330 PEARSON, R

MKT 179C INDEP RESEARCH IN MARKETING
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.
• 05650

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.
• 05655

MKT 282 MARKETING METRICS-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 January 22-March 7. Mandatory exams March 12-14.
• 05660 MW 900 - 1100 GSB 3.106 SRINIVASAN, R

SPEC TOPICS IN STRAT MKT-TEMBA
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 Texas Evening MBA program. Class meets March 12-May 7.
• 05665 T 600 - 915P RRH 4.314 BENTZIN, B

27-BEHAVIORAL ECONOMICS
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: Business, Government, and Society 388; Marketing 382 (Topic: Behavioral Economics); 282, 382 (Topic 27). Prerequisite: Graduate standing. Restricted to students in the Master of Science in Finance (Option III) program. Class meets March 25-May 10. Mandatory exams held week of May 15-21.
• 05670 MW 900 - 1100 GSB 3.106 IRWIN, J

41-ADV MARKETING MGMT-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. Marketing 282 (Topic: SPEC TOPICS IN STRAT MKT) and 282, 382 (Topic 41) may not both be counted. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Dallas. Class meets January 5-March 16. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 05675 BENTZIN, B

41-ADV MARKETING MGMT-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. Marketing 282 (Topic: SPEC TOPICS IN STRAT MKT) and 282, 382 (Topic 41) may not both be counted. Prerequisite: Graduate standing. Restricted to cohort I students in the MBA program in Houston. Class meets January 4-March 16. Taught at UT Health Sciences Center in Houston, Texas.
• 05680 DEKINDER, J

41-ADV MARKETING MGMT-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. Marketing 282 (Topic: SPEC TOPICS IN STRAT MKT) and 282, 382 (Topic 41) may not both be counted. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Dallas. Class meets January 5-March 16. Taught at UT Southwestern Medical Center in Dallas, Texas.
• 05685 BENTZIN, B

41-ADV MARKETING MGMT-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. Marketing 282 (Topic: SPEC TOPICS IN STRAT MKT) and 282, 382 (Topic 41) may not both be counted. Prerequisite: Graduate standing. Restricted to cohort II students in the MBA program in Houston. Class meets January 5-March 16. Taught at UT Health Sciences Center in Houston, Texas.

• 05690 DEKINDER, J

56-MARKETING ANALYTICS-TEMBA

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. Class meets March 26-May 7.

• 05695 T 500 - 930P RRH 4.408 SONNIER, G

MKT 382 CUSTOMRS IN A DIGITAL WRLD-MSM

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. 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.

• 05700 TTH 200 - 330P GSB 3.106 WARD, A

DIGITAL & SOCIAL MEDIA MKT-MSM

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. 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.

• 05705 TTH 1230 - 200P GSB 3.106

SCIENCE OF GOOD BUSINESS

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.

• 05710 TTH 330 - 500P RRH 4.402 KUMAR, A

MARKETING ANALYTICS II-MSM

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. 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.

• 05715 W 1200 - 300P GSB 3.106 DUAN, J

MKT INTELLIGENCE CAPSTONE-MSM

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. 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.

• 05720 M 1200 - 300P GSB 3.106 DEKINDER, 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.

• 05725 MW 930 - 1100 RRH 5.420 DEKINDER, J

12-CUSTOMER STRATEGY

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. External resources for competitiveness, such as customer relationships that can help deliver superior quality and drive down costs. The course brings together experienced managers and students who have interned with them to explore issues underlying total quality in marketing. Prerequisite: Graduate standing. Additional prerequisite: Completion of an instructor-approved internship.

• 05730 T 330 - 630P RRH 2.238 WALLS, S

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.

• 05735 TH 330 - 630P RRH 4.416 CUNNINGHAM, W

32-CREATIVITY AND LEADERSHIP

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: Creativity and Leadership) and 282,382 (Topic 32) may not both be counted. Prerequisite: Graduate standing.

• 05740 MW 1100 - 1230P RRH 5.408 RAGHUNATHAN, R

34-INVISIBLE GLOBAL MARKET

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: Advertising 391L, Latin American Studies 383, Marketing 382 (Topic: Invisible Global Market), 382 (Topic: Invisible Global Marketing) 282, 382 (Topic 34), Middle Eastern Studies 382M, Public Affairs 388N. Prerequisite: Graduate standing. meets with P A 388K, MES 382M, LAS 383, ADV 391K, ANS 391.

• 05745 TTH 930 - 1100 RRH 4.402 MAHAJAN, V

36-PRICING AND CHANNELS

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: Pricing Channels) and 282, 382 (Topic 36) may not both be counted. Prerequisite: Graduate standing.

• 05750 TTH 1100 - 1230P RRH 3.402 BENTZIN, B

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.

• 05755 MW 200 - 330P RRH 5.408 BRISTER, S

53-ANALYTICAL TOOLS FOR MKT

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: Analytical Tools for Marketing) and 282, 382 (Topic 53) may not both be counted. Prerequisite: Graduate standing. meets with ADV 391K.
• 05760 TTH 1100 - 1230P RRH 4.402 MAHAJAN, V

72-MKT/CUST INSIGHTS PRACT
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 MKT & Customer Insights Pract) and 282, 382 (Topic 72) may not both be counted. Prerequisite: Graduate standing.
• 05765 MW 1100 - 1230P RRH 5.420 WILLIAMS, J

MKT 188 DATA STORYTELLG/VISUALIZATN
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. Topic description: Explore data driven marketing by identifying and utilizing data using tableau, data literacy, visualization principles, and communication. Class meets 5pm-8pm, Mondays, April 8-May 6 in CBA 5.330.
• 05770

NEGOTIATING SALES SOLUTIONS
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. Topic description: A hands-on exercise plus conceptual frameworks based course on complex sales negotiations. Class meets January 23-February 20.
• 05775 W 500 - 800P CBA 5.328

SEO/PAID SOCIAL MEDIA MKTG
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. Topic description: Course explores strategies, implementations, and measurements for paid digital marketing campaigns including best practices within a modern toolkit. Subject areas include pay-per-click, SEO, AdWord s, calculating lifetime value, and customer acquisition. Class meets 5pm-8pm, Mondays, March 4-April 1 in CBA 5.330.
• 05780

WEBSITE MARKETING ANALYTICS
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. Topic description: Course examines how to set up, measure, and make marketing decisions using analyics tools including Google analytics, funnel analysis, cohort and segment analysis, attribution models, and viral coe fficient growth rate. Class meets January 28-February 25.
• 05785 M 500 - 800P CBA 5.330

MKT 397 2-MKT MANAGEMENT AND STRATEGY
Course number may be repeated for credit when the topics vary. Survey and analysis of current marketing problems; their significance, evaluation, and probable outcome. Examination from the marketing perspective of the process of strategy development and implementation at various levels of the organization: corporate, strategic business unit, and product line/brand. Prerequisite: Graduate standing and consent of instructor.
• 05790 SRINIVASAN, R

5-RESEARCH TOPICS IN MARKETING
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.
• 05795 F 1000 - 100P GSB 3.106 WARD, A

10-MARKETING MODELS II
Course number may be repeated for credit when the topics vary. Survey and analysis of current marketing problems; their significance, evaluation, and probable outcome. Introduces state-of-the-art theoretical and empirical marketing models using deductive mathematical analysis and inductive statistical reasoning. Create novel quantitative marketing models and estimation methods and critically evaluate the models in the literature of quantitative marketing. Restricted to doctoral students in McCombs School of Business. Prerequisite: Graduate standing and consent of instructor.
• 05800 DUAN, J

MKT 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in marketing and consent of the graduate adviser; for 698B, Marketing 698A.
• 05805

MKT 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in marketing and consent of the graduate adviser; for 698B, Marketing 698A.
• 05810

MKT 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 marketing and consent of the supervising faculty member.
• 05815

MKT 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 05820

MKT 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 05825

MKT 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 05830

MKT 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Marketing 399R, 699R, or 999R.
• 05835

MKT 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Marketing 399R, 699R, or 999R.
• 05840

MKT 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Marketing 399R, 699R, or 999R.
• 05845

TECHNOLOGY COMMERCIALIZATION

Science and Technology Commercialization - STC

STC 385 CREATIVE AND INNOVATIVE MANAGE
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. Concepts, ideas, initiatives, and methods used to give an organization anew direction or mode of operation; implementation of new ideas; successful moves in new directions. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Class meets January 11-May 4. Partially taught as a Web-based course.
• 05900 F 400 - 800P RRH 3.310 BARTEL, C

CREATIVE AND INNOVATIVE MANAGE
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Concepts, ideas, initiatives, and methods used to give an organization anew direction or mode of operation; implementation of new ideas; successful moves in new directions. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Partially taught as a Web-based course. Class meets January 11-May 4. meets with STC 386 (TOPIC 2).
• 05905 S 800 - 1200 RRH 3.406 BARTEL, C

STC 386 2-MANAGING TECH AND BUSN RISKS
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. The process of technology commercialization, managing technology, and other topics that include the commercialization of technology. Risk analysis and strategies for the creation, implementation, and management of technology enterprises. Introduction to decision and risk analysis, methods for structuring and modeling decision problems, and application of methods to problems that involve risk and uncertainty in the commercialization of new technologies. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Class meets January 11-May 4. Partially taught as a Web-based course.
• 05910 S 100 - 500P RRH 3.310 MEAKIN, C

2-MANAGING TECH AND BUSN RISKS
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. The process of technology commercialization, managing technology, and other topics that include the commer-

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cialization of technology. Risk analysis and strategies for the creation, implementation, and management of technology enterprises. Introduction to decision and risk analysis, methods for structuring and modeling decision problems, and application of methods to problems that involve risk and uncertainty in the commercialization of new technologies. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program. Class meets January 11-May 4. Partially taught as a Web-based course. meets with STC 385.
• 05915 S 800 - 1200 RRH 3.406 MEAKIN, C

STC 389 PROBLEMS IN SPECIALIZED FIELDS
Hour(s) to be arranged. Offered on the letter-grade basis only. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization Program.
• 05920

STC 396 NEW VENTURE DSGN/IMPLEMENTATN
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Explores business plan evaluation and implementation. Students develop an operational plan on how to launch a technology-based venture. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization program. Class meets January 11-May 4. Partially taught as a Web-based course.
• 05925 S 800 - 1200 RRH 3.310 ANDERSON, E

NEW VENTURE DSGN/IMPLEMENTATN
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. Explores business plan evaluation and implementation. Students develop an operational plan on how to launch a technology-based venture. Prerequisite: Graduate standing and admission to the technology commercialization program. Restricted to students in the Technology Commercialization program. Class meets January 11-May 4. Partially taught as a Web-based course.
• 05930 S 100 - 500P RRH 3.406 ANDERSON, E

COLLEGE OF COMMUNICATION

COMMUNICATION

Communication - COM
Communication and Leadership - CLD

COM 105 BEYOND THE BRIDGE
Provides an overview of the concepts involved in career decision-making and the career planning process. Restricted to students in the Moody College of Communication.
• 05985 W 100 - 200P BMC 4.212 KUBENA, D

COM 308H LIFE OF COMMUNITY: HONORS
Considers the social responsibilities of intellectual leadership and therole of communication in a world characterized by political divisions, varieties of inequality, and global challenges to health and sustainability. Restricted to students in the Moody College of Communication Honors Program.
• 05990 TTH 1230 - 200P BMC 3.206 LOVE, B

COM 314 INDUSTRIES OF INFLUENCE
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Contemporary issues and practices in communication. Only one of the following may be counted unless topics vary: Communication 114, 214, 314, 117, 217, 317, or 118, 218, 318. Topic description: Social influence is an essential function of communication and New York City is home to the headquarters of many industries that focus on influencing public opinion. This course will explore how co mmunication is used strategically to influence the attitudes, beliefs, and behavior of individuals, groups, and organizations. Taught in New York City, NY. Class meets May 20-31.
• 05995 MCGLONE, M

COM 316 PHOTOGRAPHIC COMMUNICATION
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.
• 06000 MW 430 - 600P BMC 2.106 DARLING, D
M 1200 - 130P BMC 3.210
• 06005 MW 430 - 600P BMC 2.106 DARLING, D
W 1200 - 130P BMC 3.210
• 06010 MW 430 - 600P BMC 2.106 DARLING, D
M 130 - 300P BMC 3.210
• 06015 MW 430 - 600P BMC 2.106 DARLING, D
W 130 - 300P BMC 3.210
• 06020 MW 430 - 600P BMC 2.106 DARLING, D
M 300 - 430P BMC 3.210
• 06025 MW 430 - 600P BMC 2.106 DARLING, D
W 300 - 430P BMC 3.210
• 06030 MW 430 - 600P BMC 2.106 DARLING, D
T 330 - 500P BMC 3.210
• 06035 MW 430 - 600P BMC 2.106 DARLING, D
TH 330 - 500P BMC 3.210

COM 325 LONGHORN STARTUP
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. Topic description: Course focuses on skill development and mentoring in startup formation, technology development, market validation, marketing, sales, operations, human resources, program management, and finance. Em phasis on written and oral presentation of startup activities.
• 06050 TH 600 - 900P 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.
• 06055

COM 350L SEM IN LOS ANGELES 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 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.
• 06060

COM 650L SEM IN LOS ANGELES INTERNSHIP
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. meets with RTF 650L.
• 06065

COM 370 CRITICAL ISSUES IN PHOTOGRAPHY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, admission to the

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College of Communication Honors Program, and consent of instructor. Topic description: Explore the epistemological and ethical questions that have dogged photography since its inception, through the analysis of images produced through digital devices. Investigate the proliferation of these images through social media.
• 06070 T 200 - 500P BMC 3.206 DE CESARE, D

IS COMM SCIENCE FICTION
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: Explore communication theory and science fiction in tandem. Develop an understanding of the history of the study of communication in the United States.
• 06075 W 300 - 600P BMC 4.204 GUNN, J

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.
• 06080

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.
• 06135 MWF 1000 - 1100 CMB 2.104 JONES BARBOUR, J

CLD 102 COMM FOR EXECUTIVE LDRSHP
Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Contemporary issues and practices in communication and leadership.
• 06140 W 500 - 600P BMC 5.212 BERNHARDT, 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.
• 06145 MW 1100 - 1230P BMC 4.208 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.
• 06150 JONES BARBOUR, J

CLD 371 CAPSTONE COMM/LEADERSHIP
Engagement in experiential learning. Development and presentation of ideas and plans for addressing a leadership challenge given by a partnerorganization. Communication 370L and Communication and Leadership 371 may not both be counted. Restricted to Communication and Leadership majors. Prerequisite: Upper-division standing and Communication 320L or Communication and Leadership 321.
• 06155 MW 200 - 330P CMA 7.120 BRUMMETT, B

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.
• 06210 MWF 900 - 1000 BMC 3.206 WILCOX, G

ADV 305 FUNDAMENTALS OF ADVERTISING
Designed to accommodate 100 or more students. 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.
• 06215 TTH 330 - 500P BMC 1.202 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).
• 06220 MW 200 - 330P 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). Taught as a Web-based course. same as P R 309.
• 06225 EASTIN, M

ADV 315 HISTORY & DEVEL OF ADVERTISING
The evolution and development of advertising in the United States in a social, historical, economic, and cultural context.
• 06230 MWF 1100 - 1200 CMB 2.102

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.
• 06235 TTH 1100 - 1230P GSB 2.124 LEWIS, R

ADV 318J INTRO TO ADV/INTEG BRAND COMM
Laboratory hour(s) to be arranged. 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. Partially taught as a Web-based course.
• 06240 TTH 930 - 1100 BMC 2.106 DUDO, A
• 06245 TTH 1100 - 1230P BMC 2.106 WILCOX, G

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.
• 06250 T 1230 - 330P BMC 2.106 KAHLOR, L
• 06255 MWF 900 - 1000 BMC 2.106 POUNDERS, K

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.
• 06260 MW 200 - 330P BMC 4.206 DRUMWRIGHT, M

ADV 322 HLTH COMM: MSSGS/CMPGNS/MED
Covers the development of effective health messages, the design of health campaigns, and investigate the role of the media in influencing people's health and perceptions of health. Only one of the following may be counted: Advertising 322, 378 (Topic: Health Communication), Public Relations 322. same as P R 322. also meets with ADV 391K.
• 06265 MW 200 - 330P CMA 3.120 MACKERT, M

ADV 323 PUBLIC COMM OF SCI/TECH-WB
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). same as P R 323.
• 06270 DUDO, A

ADV 325 INTRO TO ADVERTISING CREATVTY
Laboratory hour(s) to be arranged. Designed to accommodate 100 or more students. 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. Partially taught as a Web-based course.
• 06275 TTH 800 - 930 CMA 2.306 SCIARRINO, J

ADV 327 ACCOUNT PLANNING
Explores the role of account planning in an agency environment. Covers how to understand the business the client is in, the customers of the client, general environment of that business and all aspects of marketing practice that might affect the overall performance of the client's business. Advertising 327 and 378 (Topic 20) may not both be counted. Prerequisite: Advertising 344K and 345J. meets with ADV 385 (TOPIC 2).
• 06280 W 530 - 830P BMC 4.206 LEWIS, R

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.
• 06285 TH 400 - 700P BMC 2.106 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.
• 06290 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. same as P R 332D.
• 06295 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. Partially taught as a Web-based course.
• 06300 MWF 900 - 1000 CMB 2.102 LEE, W

ADV 336 MULTICUL MSGS/AUDIENCES
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.
• 06305 TTH 200 - 330P CMB 2.104 KEMP, D

ADV 338K DIGITAL CREATIVE PORTFOLIO
Examines the digital landscape in advertising and beyond. Examines existing advertising work and producing an advertising project. Present and describe digital projects in collaborative group settings using terms clients will value. Advertising 338K and 378 (Topic 24) may not both be counted. Prerequisite: Advertising 325 with a grade of at least C, and consent ofinstructor.
• 06310 TTH 330 - 500P BMC 4.208 ROMERO, J

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 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 P R 339K.
• 06315 TTH 330 - 500P CMA 2.306 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.
• 06320 TTH 200 - 330P CMA 2.306 MCCUTCHIN, M

ADV 343K PORTFOLIO I
Designed to accommodate 35 or fewer students. 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).
• 06325 MW 930 - 1100 BMC 4.208 REA, C
• 06330 TTH 1230 - 200P BMC 4.208 ROMERO, J

ADV 344K ADVERTISING RESEARCH
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-.
• 06335 MW 1200 - 130P BMC 2.106 KAHLOR, L

ADV 345J ADV MEDIA PLANNING FOUNDATIONS
Designed to accommodate 100 or more students. 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-. Partially taught as a Web-based course.
• 06340 TTH 930 - 1100 WAG 101 DOBIAS, L
M 400 - 500P BMC 4.206
• 06345 TTH 930 - 1100 WAG 101 DOBIAS, L
W 200 - 300P BMC 4.212
• 06350 TTH 930 - 1100 WAG 101 DOBIAS, L
M 500 - 600P BMC 4.206
• 06355 TTH 930 - 1100 WAG 101 DOBIAS, L
W 200 - 300P BMC 3.206
• 06360 TTH 330 - 500P GEA 105 DOBIAS, L
T 330 - 430P BMC 4.206
• 06365 TTH 330 - 500P GEA 105 DOBIAS, L
TH 400 - 500P BMC 4.206
• 06370 TTH 330 - 500P GEA 105 DOBIAS, L
M 500 - 600P BMC 4.208
• 06375 TTH 330 - 500P GEA 105 DOBIAS, L
TH 500 - 600P BMC 4.206

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.
• 06380 W 530 - 830P BMC 4.212 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.
• 06385 TH 400 - 700P CMB 2.102 PANNES, M

ADV 350 ADVERTISING INTERNSHIP
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.
• 06390 M 600 - 730P BMC 1.202 CUNNINGHAM, I

ADV 350S INTERNSHIP IN SPORTS MEDIA
Designed to accommodate 35 or fewer students. 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.
• 06395 M 600 - 730P BMC 1.202 CUNNINGHAM, I

ADV 151 ADVERTISING PRACTICUM
Designed to accommodate 35 or fewer students. 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.
• 06400 M 600 - 730P BMC 1.202 CUNNINGHAM, I

ADV 353 ADV & PUBLIC RELS LAW & ETHICS
Designed to accommodate 100 or more students. 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.
• 06405 TTH 1100 - 1230P CMB 2.102 POUNDERS, K
• 06410 MW 130 - 300P BMC 2.106 CISZEK, E

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).
• 06415 MW 200 - 330P BMC 4.208 REA, C

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.
• 06420 TH 500 - 800P BMC 4.208 LABOUNTY, S

ADV 369 SOCIAL MEDIA
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. 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.
• 06425 W 900 - 1000 BMC 4.204 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.
• 06430 TTH 930 - 1100 BMC 4.206 MARMOR-LAVIE, G
• 06435 MWF 1100 - 1200 CMA 3.124 STOUT, P
• 06440 TTH 1100 - 1230P BMC 4.206 MARMOR-LAVIE, G

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.
• 06445 TTH 1230 - 200P CMA 5.190 STAVCHANSKY DE LEW

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.
• 06450 TTH 200 - 330P BMC 4.206 STAVCHANSKY DE LEW
• 06455 TTH 330 - 500P CMA 3.124 WEBBER, E

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. meets with P R 377K.
• 06460 MW 800 - 930 BMC 4.206 STOUT, P
• 06465 MW 1000 - 1130 JES A216A LEE, W
• 06470 TTH 1100 - 1230P BMC 4.208 LOVE, B
• 06475 TTH 1230 - 200P BMC 4.206 WEBBER, E
• 06480 TTH 1230 - 200P BMC 4.212 MCCUTCHIN, M
• 06485 TTH 1230 - 200P CMA 3.120 BELL, T
• 06490 MW 200 - 330P CMA 3.116 SCHEINBAUM, A

INTEGRATED COMM CAMPAIGNS
Designed to accommodate 35 or fewer students. 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.
• 06495 MW 500 - 630P CMA 3.124 LABOUNTY, S

INTEGRATED COMM CAMPAIGNS
Designed to accommodate 35 or fewer students. 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.
• 06500 TTH 1100 - 1230P CMA 3.116 STAVCHANSKY DE LEW

INTEGRATED COMM CAMPAIGNS
Designed to accommodate 35 or fewer students. 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.
• 06504 MW 1100 - 1230P PAR 101 WEBBER, E

ADV 475 PORTFOLIO IV
Additional hour(s) to be arranged. Designed to enhance the intellectual and philosophical framework of students in the Texas Creative program. Prerequisite: Advertising 468L and consent of the Texas Creative program faculty. meets with ADV 483 (TOPIC 5).
• 06505 T 500 - 800P BMC 4.208 LABOUNTY, S

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.
• 06510 TTH 200 - 330P BMC 4.208 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.
• 06515 TTH 930 - 1100 PHR 2.116 DEVLIN, N
F 1200 - 100P BMC 4.206

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.
• 06520 TTH 800 - 930 BUR 220 ARRINGTON, T

ADV 378 COMMUNICATION WITH PATIENTS
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 effective communication between patients, communities, and healthcare providers to enhance well-being and quality of life. meets with P R 378.
• 06525 TTH 330 - 500P CMA 3.120 LOVE, B

ENTRTNMNT PRSS/PUBLC RELTN-L A
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, and additional prerequisites varywith the topic. Topic description: Explores the roles of the news, entertainment press, publicity, promotion and public relations in the entertainment industry. Restricted to students in the Semester in Los Angeles program. Taught i n Los Angeles, California. meets with P R 378.
• 06530 WRENN, S

EXPERIMENTAL STORYTELLING
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, and additional prerequisites varywith the topic. Topic description: Course introduces students to experimental storytelling that explores senses as well as the physical and the virtual worlds to create an immersive story experience. meets with P R 378, ADV 391K.
• 06535 TTH 1230 - 200P CMA 3.114 REILLY, E

POP STAR ACTIVISM
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, and additional prerequisites varywith the topic. Topic title: Pop Star Activism from the Beatles to Beyonce. Topic description: Course explores brand activism and issue advocacy through examining popular music stars from the 1960s to the present who leverage their voices to advocate for social issues and movements. meets with P R 378.
• 06540 MW 100 - 230P BMC 1.202 JUNKER, D

SELLING IDEAS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, and additional prerequisites varywith the topic. Topic description: Design-thinking driven workshop to teach and practice the art of selling ideas whether raising venture capital or trying to close a client. Deep dives on creating pitch decks, visual storytelling, and relationship management. meets with P R 378.
• 06545 M 400 - 700P BMC 4.206 BAEHR, E

ADV 378S BUSINESS OF SPORTS TELEVISION
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.
• 06550 TTH 1230 - 200P BUR 136 LULLA, J

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.
• 06555 MW 1100 - 1230P GDC 2.210 WILLE, S

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.
• 06560 TTH 200 - 330P PAR 1 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.
• 06565 TTH 930 - 1100 BMC 4.208 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).
• 06570 MW 1230 - 200P CBA 4.330 WILLE, S

course | unique | days | time | room | instructor

ADV 379J 1-SUPV INDIV SPECIAL STUDIES
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Supervised individual special studies for which separate courses are notavailable. Prerequisite: Written consent of instructor received prior to registering.
• 06575

ADV 382J THEOR PERS COMM/CONS DECIS-MAK
Course number may be repeated for credit when the topics vary. Communication and behavioral science theories as they relate to contemporary advertising practices. Prerequisite: Graduate standing.
• 06580 M 900 - 1200 BMC 4.212 OH, J

ADV 483 PORTFOLIO III
Designed to accommodate 35 or fewer students. 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.
• 06585 TH 500 - 800P BMC 4.208 LABOUNTY, S

2-PORTFOLIO I
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 and written consent of instructor received prior to registering. meets with ADV 343K.
• 06590 MW 930 - 1100 BMC 4.208 LABOUNTY, S

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.
• 06595 TTH 1230 - 200P BMC 4.208 ROMERO, J

3-PORTFOLIO II
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 and written consent of instructor received prior to registering. meets with ADV 468K.
• 06600 MW 200 - 330P BMC 4.208 ROMERO, J

5-PORTFOLIO IV
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 and written consent of instructor received prior to registering. meets with ADV 475.
• 06605 T 500 - 800P BMC 4.208 ROMERO, J

ADV 385 2-ACCOUNT PLANNING
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. meets with ADV 327.
• 06610 W 530 - 830P BMC 4.206 LEWIS, R

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.
• 06615

ADV 388K INTEGRATED COMM MANAGEMENT
The application of management principles to the solution of integrated communications management problems. Prerequisite: Graduate standing.
• 06620 M 1200 - 300P BMC 3.206 CUNNINGHAM, I

ADV 189 PROBS 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.
• 06625

ADV 389 SPECIAL PROBS IN ADVERTISING
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.
• 06630

ADV 391K ANALYTICAL TOOLS FOR MARKETING
Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing. Topic title: Analytical tools for marketing decisions. meets with MKT 382 (TOPIC 53).
• 06635 TTH 1100 - 1230P RRH 4.402 MAHAJAN, V

EXPERIMENTAL STORYTELLING
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: Course introduces students to experimental storytelling that explores senses as well as the physical and the virtual worlds to create an immersive story experience. meets with ADV 378, P R 378.
• 06640 TTH 1230 - 200P CMA 3.114

GRADUATE CAMPAIGNS
Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing.
• 06645 MW 330 - 500P BMC 3.206 OH, J

HEALTH COMM: CAMPAIGNS/MEDIA
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 322, P R 322.
• 06650 MW 200 - 330P CMA 3.120 MACKERT, M

INVISIBLE GLOBAL MARKET
Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing. Topic title: Invisible global market. meets with P A 388K, MKT 382 (TOPIC 34), ANS 391.
• 06655 TTH 930 - 1100 RRH 4.402 MAHAJAN, V

MEDIA PSYCHOLOGY
Course number may be repeated for credit when the topics vary. Survey and analysis of current advertising issues and practices. Prerequisite: Graduate standing.
• 06660 TTH 1230 - 200P BMC 4.204 EASTIN, M

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.
• 06665 W 900 - 1000 BMC 4.204 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. meets with ADV 378S (TOPIC 9), P R 378S (TOPIC 9).
• 06670 TTH 930 - 1100 BMC 4.208 LULLA, J

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.
• 06675 MW 200 - 330P CMA 2.306 WILLE, S

ADV 392 4-ADVNCD ADVERTISING THEORS II
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.
• 06680 TH 330 - 630P BMC 3.204 DEVLIN, N

5-ADVERTISING RESEARCH II
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.
• 06685 W 1100 - 200P CMA 6.172 SCHEINBAUM, A

ADV 395 ADVERTISING INTERNSHIP
Designed to accommodate 35 or fewer students. 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.
• 06690 M 600 - 730P BMC 1.202 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.
• 06695

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.
• 06700

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.
• 06705

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.
• 06710

course | unique | days | time | room | instructor

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.
• 06715

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.
• 06720

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.
• 06725

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.
• 06730

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.
• 06735

P R 305 FUNDMNTLS OF PUBLIC RELATIONS
An introduction to public relations history and practice. Restricted to non-public relations majors.
• 06790 TTH 200 - 330P BMC 1.202 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).
• 06795 MW 200 - 330P 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). Taught as a Web-based course. same as ADV 309R.
• 06800 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.
• 06805 MW 200 - 330P BMC 4.206 DRUMWRIGHT, M

P R 322 HLTH COMM: MSSGS/CMPGNS/MED
Covers the development of effective health messages, the design of health campaigns, and investigate the role of the media in influencing people's health and perceptions of health. Only one of the following may be counted: Advertising 322, 378 (Topic: Health Communication), Public Relations 322. same as ADV 322. also meets with ADV 391K.
• 06810 MW 200 - 330P CMA 3.120 MACKERT, M

P R 323 PUBLIC COMM OF SCIENCE/TECH-WB
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). same as ADV 323.
• 06815 DUDO, A

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.
• 06820 TH 400 - 700P BMC 2.106 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.
• 06825 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. same as ADV 332D.
• 06830 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.
• 06835 TTH 330 - 500P CMA 2.306 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.
• 06840 TTH 200 - 330P CMA 2.306 MCCUTCHIN, M

P R 348 PUBLIC RELATIONS TECHNIQUES
Additional 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.
• 06845 MWF 900 - 1000 BUR 212 BELL, T

PUBLIC RELATNS TECHNIQUES-IRL
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. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 10. Taught in Dublin, Ireland. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates.
• 06850 LOVE, B

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.
• 06855 TH 400 - 700P CMB 2.102 PANNES, 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.
• 06860 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.
• 06865 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.
• 06870 TH 200 - 500P BMC 3.206 HEMEYER, T
• 06875 T 530 - 830P BMC 4.206 HUNT, J

P R 353 ADV & PUBLIC RELS LAW & ETHICS
Designed to accommodate 100 or more students. 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.
• 06880 TTH 1100 - 1230P CMB 2.102 POUNDERS, K

course	unique	days	time	room	instructor
	• 06885	MW	130 - 300P	BMC 2.106	CISZEK, E

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.

• 06890	TTH	930 - 1100	BMC 4.206	MARMOR-LAVIE, G
• 06895	MWF	1100 - 1200	CMA 3.124	STOUT, P
• 06900	TTH	1100 - 1230P	BMC 4.206	MARMOR-LAVIE, G

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.

• 06905	TTH	1230 - 200P	CMA 5.190	STAVCHANSKY DE LEW

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.

• 06910	TTH	200 - 330P	BMC 4.206	STAVCHANSKY DE LEW
• 06915	TTH	330 - 500P	CMA 3.124	WEBBER, E

P R 369 SOCIAL MEDIA

Additional hour(s) to be arranged. 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.

• 06920	W	900 - 1000	BMC 4.204	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.

• 06925	MW	800 - 930	BMC 4.206	STOUT, P
• 06930	MW	1000 - 1130	JES A216A	LEE, W
• 06935	TTH	1100 - 1230P	BMC 4.208	LOVE, B
• 06940	TTH	1230 - 200P	BMC 4.206	WEBBER, E
• 06945	TTH	1230 - 200P	BMC 4.212	MCCUTCHIN, M
• 06950	TTH	1230 - 200P	CMA 3.120	BELL, T
• 06955	MW	200 - 330P	CMA 3.116	SCHEINBAUM, A

INTEGRATED COMM CAMPAIGNS

Designed to accommodate 35 or fewer students. 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.

• 06960	MW	500 - 630P	CMA 3.124	LABOUNTY, S

INTEGRATED COMM CAMPAIGNS

Designed to accommodate 35 or fewer students. 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.

• 06965	TTH	1100 - 1230P	CMA 3.116	STAVCHANSKY DE LEW

INTEGRATED COMM CAMPAIGNS

Designed to accommodate 35 or fewer students. 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.

• 06969	MW	1100 - 1230P	PAR 101	WEBBER, E

P R 378 COMMUNICATION WITH PATIENTS

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Topic description: Course explores effective communication between patients, communities, and healthcare providers to enhance well-being and quality of life. meets with ADV 378.

• 06970	TTH	330 - 500P	CMA 3.120	LOVE, B

ENTRTNMNT PRSS/PUBLC RELTN-L A

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Topic description: Roles of the news and entertainment press, and publicity, promotion and public relations in the entertainment industry. Provides an understanding of how these fields are linked, integrated or in te nsion, and provides a historical context for understanding the press and publicity sides of the industry. Restricted to students admitted to the Semester in Los Angeles Program. Taught in Los Angeles, California. meets with ADV 378.

• 06975				WRENN, S

EXPERIMENTAL STORYTELLING

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Topic description: Course introduces students to experimental storytelling that explores senses as well as the physical and the virtual worlds to create an immersive story experience. meets with ADV 378, ADV 391K.

• 06980	TTH	1230 - 200P	CMA 3.114	REILLY, E

POP STAR ACTIVISM

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Topic title: Pop Star Activism from the Beatles to Beyonce. Topic description: Course explores brand activism and issue advocacy through examining popular music stars from the 1960s to the present who leverage their voices to advocate for social issues and movements. meets with ADV 378.

• 06985	MW	100 - 230P	BMC 1.202	JUNKER, D

PROSOCL PUBL RELS TECHNIQS-IRL

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 19. Taught in Dublin, Ireland. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates.

• 06990				LOVE, B

SELLING IDEAS

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Topic description: Design-thinking driven workshop to teach and practice the art of selling ideas whether raising venture capital or trying to close a client. Deep dives on creating pitch decks, visual storytelling, and relationship management. meets with ADV 378.

• 06995	M	400 - 700P	BMC 4.206	BAEHR, E

P R 378S BUSINESS OF SPORTS TELEVISION

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.

• 07000	TTH	1230 - 200P	BUR 136	LULLA, J

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.

• 07005	MW	1100 - 1230P	GDC 2.210	WILLE, S

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.

• 07010	TTH	200 - 330P	PAR 1	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.

• 07015	TTH	930 - 1100	BMC 4.208	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).

• 07020	MW	1230 - 200P	CBA 4.330	WILLE, S

DEPARTMENT OF COMMUNICATION SCIENCES AND DISORDERS

Communication Sciences and Disorders - CSD

course	unique	days	time	room	instructor

CSD 306K INTRODUCTION TO COMM DISORDERS
Introduction to the study of processes and disorders of speech, language, and hearing.
• 07075 MWF 1000 - 1100 BMC 1.202

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.
• 07080 MWF 300 - 400P 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-.
• 07085 MWF 200 - 300P CMB 2.102

CSD 313L HEARING SCIENCE
Acoustical, physiological, and psychological bases of normal human hearing; theories of audition; laboratory techniques in hearing science research.
• 07090 MWF 1100 - 1200 CMB 2.104 LIU, C

CSD 113P HEARING SCIENCE: LAB
Acoustical, physiological, and psychological bases of normal human hearing; theories of audition; laboratory techniques in hearing science research.
• 07095 LIU, C

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.
• 07100 TTH 930 - 1100 CMB 2.102 SUSSMAN, H

CSD 118L ACQ OF COMM ABILS IN CHLD: LAB
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-.
• 07105

CSD 331E INSTR MTHDS FOR DEAF STUDENTS
Offered on the letter-grade basis only. Methods of assessment, curriculum organization, lesson planning, instruction, and classroom management in education of deaf children. Communication Sciences and Disorders 331E and Curriculum and Instruction331E may not both be counted. Restricted to communication sciences and disorders majors. Prerequisite: Upper-division standing; completion of at least seventy-two hours of University coursework; credit for American Sign Language 610D (or 312K); and a minimum University grade point average of 2.50.
• 07110 M 400 - 700P

CSD 140L PROFESSIONAL ISSUES
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. meets with CSD 393D, CSD 367R.
• 07115 M 1200 - 100P BMC 1.202 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-.
• 07120 TTH 800 - 930 CMB 2.104 KAMDAR, S

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).
• 07125 MWF 1000 - 1100 CMB 2.102 HAMILTON, J

CSD 358 ANAT/PHYS SPEECH/HEARING MECH
In-depth study of the anatomy and physiology of structures involved in speech, language, hearing, and swallowing. Includes anatomical and physiological mechanisms of respiration, phonation, articulation, and hearing; and the central nervous system and blood supply to the speech and hearing mechanism. Prerequisite: Upper-division standing, Communication Sciences and Disorders 311K with a grade of at least C-.
• 07129 MWF 800 - 900 CMB 2.104 LESTER-SMITH, R

CSD 360M COMMUNICATION AND DEAF PEOPLE
Forms of face-to-face communication used with deaf people, including speech/listening, systems of manual communication, and natural sign language. Emphasis is on child development issues and the use of different methods in educational practice. Prerequisite: Upper-division standing, Communication Sciences and Disorders 308K with a grade of at least C-.
• 07130 TTH 330 - 500P BMC 4.212 BERNSTEIN, M

CSD 364 DEAF EDUCATION INTERNSHIP
Offered on the pass/fail basis only. Field experience in deaf education at the Texas School for the Deaf or public school programs. Directed observation and participation with teachers and students in the instructional process. Communication Sciences and Disorders 364 and Curriculum and Instruction 364, 664 may not both be counted. Restricted to communication sciences and disorders majors. Prerequisite: Upper-division standing; completion of a minimum of seventy-two hours of University coursework; credit for American Sign Language 610D (or 312K); a minimum University grade point average of 2.50.
• 07135

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 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).
• 07140 TTH 1100 - 1230P CMB 2.104

CSD 367R CLIN RSCH IN SPCH/LANG PATHOL
Communication Sciences and Disorders 367 (Topic 2: Clinical Research in Speech Language Pathology) and 367R may not both be counted. Prerequisite: Upper-division standing and Communication Sciences and Disorders 315S (or 358S) with a grade of at least C-. meets with CSD 140L, CSD 393D.
• 07145 M 1200 - 100P BMC 1.202 LUGO-NERIS, M
WF 1200 - 100P BMC 1.202

CSD 370 CLINICAL RESEARCH
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. Partially taught as a Web-based course.
• 07150 MW 400 - 500P BMC 3.204 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).
• 07155 TTH 1230 - 200P CMB 2.104 MARQUARDT, T

CSD 373 PRINS AURAL REHABILITATION-WB
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.
• 07160 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.
• 07165 TH 500 - 600P BMC 4.204 BERNSTEIN, M

CSD 378C EVIDENCE-BASED PRACTICE
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. 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.
• 07170 MW 800 - 900 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.
• 07175

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.
• 07180

course	unique	days	time	room	instructor

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.
• 07185

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.
• 07190

CSD 381P AUDITORY PROCESSING DISORDERS
Assessment and treatment of disorders of the central auditory nervous system in children and adults. Communication Sciences and Disorders 381P and 396D may not both be counted. Prerequisite: Graduate Standing.
• 07195

CSD 383N RSCH/PRAC AUGMENTAT ALTERN COM
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. Topic title: Emotional processing in development and acquired cognitive communication disorders.

• 07200	TTH	330 - 500P	CMA 3.108	KOUL, R

CSD 383P SURGICL IMPLNTD AUD PROSTHESES
Determining candidacy for treatment, programming devices, and evaluatingtreatment outcomes associated with implantable hearing technologies. Communication Sciences and Disorders 383P and 396G may not both be counted. Prerequisite: Graduate standing.

• 07205	W	200 - 500P	CMA 6.172	CAMPBELL, J

CSD 385C CLIN PRAC PEDIAT SPC/LANG PATH
May be repeated for credit. Prerequisite: Graduate standing and consent of graduate adviser

• 07210				FRANCO, J
• 07215	M	100 - 500P	CMA 2.202	SUNDARRAJAN, M
	T	200 - 500P	CMA 2.202	
	W	100 - 400P	CMA 2.202	

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
• 07220 LUGO-NERIS, M

CSD 385D 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.

• 07225	MW	900 - 300P	CMA 2.202	MEDFORD, C

CSD 387E SPEECH/LANG PATHOL EXTERNSHIP
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.

• 07230				FRANCO, J
• 07235				LUGO-NERIS, M
• 07240				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.

• 07245	F	800 - 1100	CMA 3.124	ZAPPLER, A
• 07250	F	800 - 1100	CMA 3.130	CAREY, A
• 07255	F	100 - 400P		CAREY, A
• 07260	F	100 - 400P	CMA 3.116	ZAPPLER, A

CSD 392P SPCH PERCEP: THRY/CLIN ASPECT
Overview of theories and research findings related to human speech perception and recognition. Subjects include acoustic characteristics ofspeech categorical perception, infant speech perception, and effects of hearing loss. Communication Sciences and Disorders 392P and 392S may not both be counted. Prerequisite: Graduate standing. meets with CSD 392S.

• 07265	TTH	1100 - 1230P	CMA 3.130	LIU, C

CSD 392S SPCH PERCEP: THEOR/CLIN ASPECT
Overview of theories and research findings related to human speech perception and recognition. Subjects include acoustic characteristics ofspeech categorical perception, infant speech perception, and effects of hearing loss. Communication Sciences and Disorders 392P and 392S may not both be counted. Prerequisite: Graduate standing. meets with CSD 392P.

• 07270	TTH	1100 - 1230P	CMA 3.130	LIU, C

CSD 393D KNOWLEDGE/SKILLS CLIN SCI
Course number may be repeated for credit when the topics vary. Core courses for clinical competence in speech/language pathology. Prerequisite: Graduate standing.

• 07275	M	1200 - 100P	CMB 2.102	FRANCO, J
	WF	1200 - 100P	CMB 2.102	
• 07280	M	1200 - 100P	CMB 2.102	SUNDARRAJAN, M
	WF	1200 - 100P	CMB 2.102	

KNOWLEDGE/SKILLS CLIN SCI
Course number may be repeated for credit when the topics vary. Core courses for clinical competence in speech/language pathology. Prerequisite: Graduate standing. meets with CSD 140L, CSD 367R.

• 07285	M	1200 - 100P	BMC 1.202	LUGO-NERIS, M
	WF	1200 - 100P	BMC 1.202	

CSD 393E 1-DYSPHAGIA
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.

• 07290	TTH	800 - 930	BMC 4.206	HINES STAPLES, N

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

• 07295	TTH	930 - 1100	JES A218A	HENRY, M

CSD 393F 2-ACQUIRED SPEECH DISORDERS
Course number may be repeated for credit when the topics vary. Current developments in selected categories of speech and language disorders; designed to provide depth in one or more areas. Prerequisite: Graduate standing.

• 07300	TTH	1230 - 200P	ART 1.120	SCHMITT, M

CSD 393J ACQ COGN COMM DIS 2
Prerequisite: Graduate standing.

• 07305	T	500 - 800P	BMC 4.204	

CSD 394K 1-AURAL HABILITATION
Course number may be repeated for credit when the topics vary. A review of current literature on diagnostic procedures; habilitation for hearing-impaired children or rehabilitation for adults. Prerequisite: Graduate standing; and Communication Sciences and Disorders 373 and 378, or consent of instructor.

• 07310	TTH	930 - 1100	CMA 6.172	CAREY, A

2-PSYCHOACOUSTICS
Course number may be repeated for credit when the topics vary. A review of current literature on diagnostic procedures; habilitation for hearing-impaired children or rehabilitation for adults. Anatomy and physiology of the peripheral auditory system; behavioral measures of auditory performance-masking, sound localization, pitch and loudness perception, temporary and permanent hearing loss. Prerequisite: Graduate standing; and Communication Sciences and Disorders 373 and 378, or consent of instructor.

• 07315	TTH	800 - 930	CMA 6.172	LIU, C

3-READINGS IN AUDIOLOGY
Course number may be repeated for credit when the topics vary. A review of current literature on diagnostic procedures; habilitation for hearing-impaired children or rehabilitation for adults. Prerequisite: Graduate standing; and Communication Sciences and Disorders 373 and 378, or consent of instructor.
• 07320

CSD 395Q PEDIATRIC AUDIOLOGY
Current methods of testing the hearing of young children; included are identification, electrophysiological and operant audiometry, and medicalaspects of hearing loss in children. Communication Sciences and Disorders 395 and 395Q may not both be counted. Prerequisite: Graduate standing.

• 07325	TTH	800 - 930	CMA 3.130	CAMPBELL, J

CSD 396C ADVANCED AMPLIFYING SYSTEMS
Fitting of advanced amplification systems, including digital hearing aids, frequency modulation and other wireless systems, and assistive listening devices. Communication Sciences and Disorders 396C and 396Q may not both be counted Prerequisite: Graduate standing and Communication Sciences and Disorders394C. meets with CSD 396Q.

• 07330	TTH	500 - 630P	CMA 6.174	ZAPPLER, A

CSD 396D AUDITORY PROCESSING DISORDERS
Assessment and treatment of disorders of the central auditory nervous system in children and adults. Communication Sciences and Disorders 381P and 396D may not both be counted. Prerequisite: Graduate standing.
• 07335

CSD 396Q ADVANCED AMPLIFYING SYSTEMS
Fitting of advanced amplification systems, including digital hearing aids, frequency modulation and other wireless systems, and assistive listening devices. Communication Sciences and Disorders 396C and 396Q may not both be counted. Prerequisite: Graduate standing; and Communication Sciences and Disorders 394P or 394C or consent of instructor. meets with CSD 396C.

• 07340	TTH	500 - 630P	CMA 6.174	ZAPPLER, A

10/1/2018

course	unique	days	time	room	instructor

CSD 396R ADV AUDITORY ELECTROPHYSIOLOGY
Advanced diagnostic tools, including acoustic immittance, otoacoustic emissions, auditory evoked potentials, intraoperative monitoring, and vestibular function. Communication Sciences and Disorders 396E and 396R may not both be counted. Prerequisite: Graduate standing; and Communication Sciences and Disorders 394G or 394E.

• 07345	TTH	200 - 330P	CMA 3.130	SMITH, S

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.
• 07350

CSD 698A THESIS
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.
• 07355

CSD 698B THESIS
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.
• 07360

CSD 398P RESEARCH PROJECT IN AUDIOLOGY
Research supervised by a faculty member. Includes reading and integrating the relevant literature. Students prepare research results in a manuscript suitable for publication. Communication Sciences and Disorders 398P and 398Q may not both be counted. Restricted to students in the Doctor of Audiology program. Prerequisite: Graduate standing and Communication Sciences and Disorders386N. meets with CSD 398Q.

• 07365	F	900 - 1200		CHAMPLIN, C

CSD 398Q RESEARCH PROJECT IN AUDIOLOGY
Designed to accommodate 35 or fewer students. Research supervised by a faculty member. Includes reading and integrating the relevant literature. Students prepare research results in a manuscript suitable for publication. Communication Sciences and Disorders 398P and 398Q may not both be counted. Restricted to students in the Doctor of Audiology program. Prerequisite: Graduate standing and Communication Sciences and Disorders386N. meets with CSD 398P.

• 07370	F	900 - 1200		CHAMPLIN, C

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.
• 07375

CSD 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07380

CSD 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07385

CSD 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07390

CSD 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Communication Sciences and Disorders 399R, 699R, or 999R.
• 07395

CSD 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Communication Sciences and Disorders 399R, 699R, or 999R.
• 07400

CSD 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Communication Sciences and Disorders 399R, 699R, or 999R.
• 07405

DEPARTMENT OF COMMUNICATION STUDIES

Communication Studies - CMS

CMS 301 UG INTERNSHIP COURSE-WB
Course number may be repeated for credit when the topics vary. Taught as a Web-based course.
• 07460

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.

• 07465	TTH	800 - 930	BMC 3.204	
• 07470	TTH	800 - 930	BMC 4.204	
• 07475	MWF	900 - 1000	BMC 3.204	
• 07480	MWF	900 - 1000	CMA 6.152	
• 07485	TTH	930 - 1100	CMA 6.152	
• 07490	MWF	1000 - 1100	BMC 3.204	
• 07495	MWF	1000 - 1100	CMA 6.152	
• 07500	MWF	1100 - 1200	CMA 6.152	
• 07505	MWF	1100 - 1200	CMA 6.170	
• 07510	TTH	1100 - 1230P	CMA 6.152	
• 07515	TTH	1100 - 1230P	CMA 6.170	
• 07520	MWF	1200 - 100P	BMC 4.204	
• 07525	MWF	1200 - 100P	CMA 3.116	
• 07530	TTH	1230 - 200P	CMA 3.116	
• 07535	TTH	1230 - 200P	CMA 6.152	
• 07540	MWF	100 - 200P	BMC 3.204	
• 07545	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.

• 07550	T	630 - 930P	BMC 3.206	COX, M
• 07555	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.

• 07560	TTH	800 - 930	CMA 6.174	ROBERTSON, B
• 07565	TTH	1230 - 200P	CMA 6.174	ROBERTSON, B

CMS 313M ORGANIZATIONAL COMMUNICATION
Communication processes within government, private, and volunteer organizations.

• 07570	MWF	1200 - 100P	CMB 2.104	SMITH, W

ORGANIZATIONAL COMMUNICATN-WB
Communication processes within government, private, and volunteer organizations.

• 07575				AGUILAR, A

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.

• 07580	MWF	900 - 1000	CMA 6.174	SCHLAG, K
• 07585	MWF	1000 - 1100	CMA 6.174	JHANG, J
• 07590	MWF	1100 - 1200	CMA 6.174	JHANG, J
• 07595	MWF	1200 - 100P	CMA 6.174	DALTON, M
• 07600	MWF	100 - 200P	CMA 6.174	DALTON, M
• 07605	MWF	200 - 300P	CMA 6.174	SCHLAG, K

CMS 315M INTERPERSONAL COMM THEORY
Introduction to the study of communication in relationships; topics include self-disclosure, conflict, long-distance relationships, stereotyping, and persuasion.

• 07610	TTH	200 - 330P	UTC 2.112A	DALY, J

CMS 316L INTERVIEWING PRINS & PRACTICES
Introduction to interviewing theory, emphasizing the acquisition and application of interviewing skills.

• 07615	MWF	1100 - 1200	BMC 3.204	BRADFORD, K
• 07620	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.

• 07625	MWF	100 - 200P	CMA 3.124	HENSON, J
• 07630	MWF	200 - 300P	BMC 4.204	HENSON, J

CMS 321D COMM FOR DVLPMNT & PHLNTHRPY
An exploration of the special communicative dimensions of the development and philanthropy fields, including how to apply theories of building relationships and persuasion to the context of development and philanthropy for nonprofit organizations. Prerequisite: Upper-division standing.

• 07635	MWF	1100 - 1200	BMC 3.206	JONES BARBOUR, J

CMS 330 INTERPERSONAL HEALTH COMM
The fundamental interpersonal communication processes that are involved in managing physical and mental health. Includes stigma and illness identity, social support, patient-provider communication, end-of-life care, and health education. Communication Studies 330 and 367 (Topic: Interpersonal Health Communication) may not both be counted. Prerequisite: Upper-division standing.

• 07640	MWF	1000 - 1100	BMC 4.206	DONOVAN, E
• 07645	MWF	1100 - 1200	BMC 4.206	DONOVAN, E

CMS 331K SPEECH WRITING AND CRITICISM
Composition and analysis of oral messages; emphasis on creating and arranging ideas, style, delivery, critical method. Prerequisite: Upper-division standing.

• 07650	T	330 - 630P	CMA 6.152	HART, R

10/11/2018

course | unique | days | time | room | instructor

CMS 332 ARGUMENTATION AND ADVOCACY
Nature of argumentative controversy; variables of form, method, and ethics; analysis of argumentative rhetorical works. Prerequisite: Upper-division standing.
• 07655 MW 200 - 330P CMA 6.152 HARTELIUS, E

CMS 332D DIGITAL ETHICS
Explores the ethical issues inherent in the use of digital and online media. Discusses a range of current issues and subjects through the application of important moral theories, attending to how new technologies often challenge knowledge of morality, virtue, and the goodlife. Analyze case studies to encourage reflection and discussion over contemporary issues in digital ethics. Subjects include the ethics of hacking, Anonymous operations, online privacy, blogging ethics, online shaming and activism, revenge pornography, online free speech, social media and virtue, as well as other contemporary topics. Prerequisite: Upper-division standing.
• 07660 TTH 200 - 330P CMA 3.116 STROUD, S

CMS 332K THEORIES OF PERSUASION-WB
Hour(s) to be arranged. A study of motivational factors involved in persuasive speaking to secure belief and action. Prerequisite: Upper-division standing. Taught as a Web-based course.
• 07665 MCGLONE, M

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.
• 07670 M 300 - 600P CMB 2.104 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.
• 07675 TTH 1100 - 1230P CAL 100 MURPHY, M

CMS 335 STRATEG SALES/EVENT PLANNING
Theory and practice related to the preparation of large-scale sales events and conferences. Designed to develop communication skills and planning techniques. May include client research, investigation of potential venues, telephone-based information interviews, individual or group sales presentations, and event overviews. Communication Studies 335 and 367 (Topic: Strategic Sales and Event Planning) may not both be counted. Prerequisite: Upper-division standing and Communication Studies 306M.
• 07680 TTH 200 - 330P BMC 4.204 COX, M

CMS 338L LEADERSHIP AND PUBLIC MEMORY
Examines how public memory is created, shaped, and shared through processes and forms like commemorations, museum exhibits, historic sites, and monuments. Prerequisite: Upper-division standing.
• 07685 MWF 1200 - 100P CMA 3.120 JONES BARBOUR, J

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.
• 07690 MW 1000 - 1100 CMA 3.124 INMAN, D
• 07695 MW 1200 - 100P CMA 3.124 INMAN, D

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.
• 07700 INMAN, D

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. Communication Studies 344K and 367 (Topic: Lying and Deception) may not both be counted. Prerequisite: Upper-division standing.
• 07705 TTH 1230 - 200P CMA 2.306 CUTBIRTH, J

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.
• 07710 TTH 930 - 1100 CMB 2.104 STROUD, N

CMS 345G COMMUNICATING TO GOVERNMENT
Analyze confident, effective, and ethical communication in regards to policy makers, elected officials, legislative and governmental agencies.Discussion of legal and ethical considerations introduced by governmental communications, as well as strategies and materials for effective communication. Includes guest speakers, and interactive opportunities around the Texas legislature and/or local governmental bodies. Communication Studies 345G and 367 (Topic: Communicating to Government) may not both be counted. Prerequisite: Upper-division standing.
• 07715 TH 330 - 630P CMA 6.152 NOLD, S

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.
• 07720 MW 100 - 200P CMA 6.170 INMAN, D

CMS 347E ARGUING END OF THE WORLD-WB
Hour(s) to be arranged. Discussion of apocalyptic, millenarian, or millenialism way of thinking and how it affects religious, social, and other personal beliefs. Communication Studies 347E and 367 (Topic: Arguing the End of the World)may not both be counted. Prerequisite: Upper-division standing. Taught as a Web-based course.
• 07725 BRUMMETT, B

CMS 348K VISUAL MEDIA AND INTERACTION
The role of visual resources and symbols in social interaction and public life; the representation of interaction and human relationships in visual media (photography, advertising, fine arts, and film). Prerequisite: Upper-division standing.
• 07730 TTH 930 - 1100 CMA 3.120 STREECK, J

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.
• 07735 MW 1200 - 100P CMB 2.102 BARBOUR, 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.
• 07740 MW 1000 - 1100 CMA 3.116 TREEM, J

CMS 357 FAMILY COMMUNICATION
Some of the common issues that face those who live in, counsel, and conduct research with families. The development of traditional families in the United States, different family structures that make up modern society, current issues that affect families, and the impact of communication on family experiences. Prerequisite: Upper-division standing.
• 07745 TTH 1100 - 1230P BMC 3.206 VANGELISTI, A

CMS 358 COMM AND PERSONAL RELATNSHIPS
The nature of human interaction in various types of relationships (friends, dates, spouses, roommates), the nature of communication at different stages in a relationship, and the nature of communication at different life stages. Prerequisite: Upper-division standing.
• 07750 TTH 200 - 330P CMB 2.102 DAILEY, R

CMS 359C INSIDE AMERICAN CONVERSATION
A look at a handful of conversations in America, from phone calls between family members and dating couples in the 1980s, contemporary 'hybrid' face-to-face/cellphone conversations to interviews with Donald Trump and 'The Wire'. Explores what these conversations tell us about social life and how it changes, about people's concerns, cultural difference, and the diversity of ways of using language that is a hallmark of American society. Communication Studies 359C and 367 (Topic: Inside the American Conversation) may not both be counted. Prerequisite: Upper-division standing.
• 07755 TTH 1100 - 1230P CMA 3.120 STREECK, J

CMS 364K GENDER AND COMMUNICATION
Focuses on how communication influences ideas about sex, gender, and identity, from interpersonal relationships to the mass media, and from legislative debates to social movements. Communication Studies 364K and 367 (Topic: Gender and Communication) maynot both be counted. Prerequisite: Upper-division standing.
• 07760 MWF 100 - 200P CMB 2.104 HARTELIUS, E

CMS 164M PREGRAD SCHOOL MENTORSHIP
Hour(s) to be arranged. 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.
• 07765 DARWIN, T

CMS 264M PREGRAD SCHOOL MENTORSHIP
Hour(s) to be arranged. 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.
• 07770 DARWIN, T

CMS 364M PREGRAD SCHOOL MENTORSHIP
Hour(s) to be arranged. 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.
• 07775 DARWIN, T

course	unique	days	time	room	instructor

CMS 367 COMMUNICATION AND SPORTS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Topic description: Explore interpersonal, mediated, organizational, and public communication in sports.
• 07780 TTH 930 - 1100 BMC 3.206 BUTTERWORTH, M

CROSS-CULTURAL COMMUNICATION
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.
• 07785 TTH 930 - 1100 BMC 4.212 GANESH, S

FAKE NEWS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.
• 07790 TTH 200 - 330P BMC 4.212 CUTBIRTH, J

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.
• 07795 STEPHENS, K

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. Mandatory workshop...
• 07800 W 300 - 500P CMA 3.124 MAXWELL, M
T 630 - 930P

CMS 171M COMMUNICATN STUDIES INTERNSHIP
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.
• 07805

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.
• 07810

CMS 379H HONORS TUTORIAL CRS: SPEC PROJ
The writing of a thesis or the presentation of a creative project; final comprehensive examination. Prerequisite: Communication Studies 359H.
• 07815

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.
• 07820

CMS 280E CONF CRS IN COMMUNICATION STDS
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.
• 07825

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.
• 07830

CMS 480E 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.
• 07835

CMS 386N 2-QUALITATIVE RESEARCH METHODS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. The use of observational and interviewing research techniques for studying human communication. Prerequisite: Graduate standing.
• 07839 W 330 - 630P CMA 7.120 TREEM, J

CMS 386P ADVOCACY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Some sections also require consent of instructor or the graduate adviser. meets with MAN 383.
• 07840 TTH 1230 - 200P GSB 2.124 DALY, J

6-DARK SIDE INTRPERSONAL COMM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Provides an overview of issues related to the "dark side" of communication in interpersonal relationships. Subjects include undesired features of interpersonal relationships, seemingly productive communication patterns that are dysfunctional, as well as seemingly destructive patterns that are functional. Communication Studies 386P (Topic: Dark Side of Interpersonal Communication) and 386P (Topic 6) may not both be counted. Prerequisite: Graduate standing. Some sections also require consent of instructor or the graduate adviser.
• 07844 T 330 - 630P CMA 7.120 DAILEY, R

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.
• 07845

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.
• 07850

CMS 392P 4-COMM TECHNOLOGY USE IN ORGS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Examines the theoretical and empirical work on the communicative functions of technology in the workplace. Prerequisite: Graduate standing. Some sections also require consent of instructor or the graduate adviser; these are identified in the Course Schedule.
• 07853 M 330 - 630P CMA 6.152 STEPHENS, K

CMS 390S ENGAGED COMMNICTN SCHOLRSHP
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.
• 07854 T 330 - 630P CMA 3.134

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.
• 07855

CMS 390R HISTORY OF COMMUNICATV INQ
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 07856 TH 330 - 630P CMA 7.120 GUNN, J

CMS 390N 3-CAMPAIGN COMMUNICATION
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An introduction to research surrounding the actors and texts of political campaigns. Covers voters, candidates, consultants, new constituencies, advertisements, debates, speeches, news coverage, party conventions, and new media environments. Focuses on how political discourse affects political life in the United States. Prerequisite: Graduate standing.
• 07857 M 330 - 630P CMA 7.120 HARDESTY, S

CMS 390M 5-LANGUAGE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to the evolution, structure, and cultural foundations of human language, grounded in advanced contemporary work in anthropology, communication studies, and linguistics. Prerequisite: Graduate standing; some sections also require consent of instructor or the graduate adviser.
• 07858 W 330 - 630P CMA 3.130 STREECK, J

CMS 389C 1-CONFLICT AND COMMUNICATION
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A survey of the literature and research in the communication of peace and conflict. Focus on the relationships between social structures and communication as they relate to conflict. Explores research on interpersonal conflict,theory and research on intercultural/-social communication, identity, and language. Analyze how gender, race, culture, region, age, class & sexual orientation, national identities, and so on are developed & reflected in communication. Only one of the following may be counted: Communication Studies 386P (Topic: Conflict and Communication), 389C (Topic: Communication & Conflict), 389C (Topic 1). Prerequisite: Graduate standing. Some topics also require consent of instructor or the graduate adviser.
• 07859 TH 330 - 630P CMA 6.172 MAXWELL, M

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.
• 07860

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.
• 07865

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course	unique	days	time	room	instructor

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.
• 07870

CMS 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07875

CMS 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07880

CMS 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 07885

CMS 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Communication Studies 399R, 699R, or 999R.
• 07890

CMS 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Communication Studies 399R, 699R, or 999R.
• 07895

CMS 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Communication Studies 399R, 699R, or 999R.
• 07900

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.

unique	days	time	room	instructor
• 07955	MW	300 - 430P	BMC 2.106	WILSON, K

J 302F DIGITAL STORYTELLING BASICS
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.

unique	days	time	room	instructor
• 07960	TTH	1100 - 1230P	BMC 1.202	QUIGLEY, R
	T	930 - 1100	CMA 4.146	
• 07965	TTH	1100 - 1230P	BMC 1.202	QUIGLEY, R
	T	930 - 1100	CMA 4.152	
• 07970	TTH	1100 - 1230P	BMC 1.202	QUIGLEY, R
	TH	930 - 1100	CMA 4.146	
• 07975	TTH	1100 - 1230P	BMC 1.202	QUIGLEY, R
	TH	930 - 1100	CMA 4.152	
• 07980	TTH	1100 - 1230P	BMC 1.202	QUIGLEY, R
	M	1030 - 1200	CMA 4.150	
• 07985	TTH	1100 - 1230P	BMC 1.202	QUIGLEY, R
	W	1030 - 1200	CMA 4.150	

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.

unique	days	time	room	instructor
• 07990	TTH	930 - 1100	CMA 3.116	MURTHY, D
	M	300 - 400P	CMA 6.174	
• 07995	TTH	930 - 1100	CMA 3.116	MURTHY, D
	W	300 - 400P	CMA 6.174	

J 308F ANALYZING MEDIA BIAS
Critical analysis of the ways news is presented, misrepresented and critiqued, with an emphasis on perceived bias in the news media. Restricted to non-journalism majors.

unique	days	time	room	instructor
• 08000	TTH	930 - 1100	BMC 3.204	REESE, S

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.

unique	days	time	room	instructor
• 08005	TTH	930 - 1100	BMC 1.202	MCCARTHY, D
	TTH	1100 - 1230P	CMA 4.146	
• 08010	TTH	930 - 1100	BMC 1.202	MCCARTHY, D
	TTH	1100 - 1230P	CMA 4.152	
• 08015	TTH	930 - 1100	BMC 1.202	MCCARTHY, D
	MW	1200 - 130P	CMA 4.150	
• 08020	TTH	930 - 1100	BMC 1.202	MCCARTHY, D
	TTH	1230 - 200P	BMC 3.210	
• 08025	TTH	930 - 1100	BMC 1.202	MCCARTHY, D
	TTH	1230 - 200P	CMA 4.150	

J 311F REPORTING: IMAGES
Designed to accommodate 100 or more students. 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.

unique	days	time	room	instructor
• 08030	T	330 - 500P	BMC 2.106	DAWSON, K
	TTH	200 - 330P	CMA 4.146	
• 08035	T	330 - 500P	BMC 2.106	DAWSON, K
	TTH	1100 - 1230P	BMC 3.210	

REPORTING: IMAGES
Designed to accommodate 100 or more students. 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.

unique	days	time	room	instructor
• 08040	T	330 - 500P	BMC 2.106	DAWSON, K
	TTH	930 - 1100	BMC 3.210	
• 08045	T	330 - 500P	BMC 2.106	DAWSON, K
	MW	130 - 300P	BMC 3.208	
• 08050	T	330 - 500P	BMC 2.106	DAWSON, K
	TTH	1230 - 200P	CMA 4.146	
• 08055	T	330 - 500P	BMC 2.106	DAWSON, K
	MW	300 - 430P	BMC 3.208	

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.

unique	days	time	room	instructor
• 08060	TTH	500 - 630P	BMC 1.202	SMITH, E
	T	330 - 500P	CMA 6.170	
• 08065	TTH	500 - 630P	BMC 1.202	SMITH, E
	T	330 - 500P	CMA 6.174	
• 08070	TTH	500 - 630P	BMC 1.202	SMITH, E
	TH	330 - 500P	CMA 6.170	
• 08075	TTH	500 - 630P	BMC 1.202	SMITH, E
	TH	330 - 500P	CMA 6.174	
• 08080	TTH	500 - 630P	BMC 1.202	SMITH, E
	W	400 - 530P	CMA 6.174	

J 322F NAVIGATING STATE GOVERNMENT
Training and instruction in specialized reporting, research, and writing skills as applicable to covering state governments. Analysis of enduring issues and politics at the state level. Fieldwork at the Texas Capitol and state agencies. Restricted to journalism majors. Prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each.

unique	days	time	room	instructor
• 08085	MW	1030 - 1200	CMA 4.146	TOLLEY, L

J 323F EDUCATION REPORTING
Designed to accommodate 35 or fewer students. Covering school districts and higher education to produce stories that humanize the bureaucracy of public education and compellingly depict issues, structures, and policies. Restricted to journalism majors. Prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each.

unique	days	time	room	instructor
• 08090	MWF	900 - 1000	BMC 3.210	

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.

unique	days	time	room	instructor
• 08095	MW	300 - 430P	CMA 4.150	RAYASAM, R

J 326C INTRO CODING FOR JOURNALISTS
The basics of coding for journalism. Learn necessary coding skills to perform in digital newsrooms, from simple things like HTML and CSS to display beautiful online presentations, to more sophisticated tools like interactive news graphics. 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).

unique	days	time	room	instructor
• 08100	TTH	1100 - 1230P	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.

unique	days	time	room	instructor
• 08105	TTH	930 - 1100	CMA 4.150	ROBBINS, K

J 327D 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

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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).
• 08110 TTH 200 - 330P BMC 3.208 MCDONALD, C
• 08115 TTH 330 - 500P BMC 3.208 MCDONALD, C

J 330C TELEVISION REPORTING
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-.
• 08120 T 1230 - 200P CMA 4.152 WEST, K
TH 200 - 500P CMA 4.152

J 330J ADV PHOTO EDITING & DSGN-CZE
Hour(s) to be arranged. Explores intensive photographic reportage and documentation using the camera as a tool of investigation and interaction. Emphasis on creation of photo stories, photo essays, and feature stories, with editing and page layout. Only one of the following may be counted: Journalism 330J, 370K (Topic 1: Advanced Photo Editing and Design), 395 (Topic 2: Advanced Photo Editing and Design). Restricted to students in the Maymester Abroad Program. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 21-June 21. Taught in Prague, Czech Republic. Students must consult with Study A broad Program Coordinator as travel and orientation dates may be in addition to these dates. meets with J 395 (TOPIC 2).
• 08125 DARLING, D

J 330L COMMUNITY LIFE: DOCUMENTED
Explores video filmmaking in a multicultural, diverse city. Emphasis on learning the steps of producing a short documentary with a small group of students, then posting the final films on personal portfolio websites. Restricted to students in the Maymester Abroad Program. meets with J 395.
• 08130 DAWSON, K

J 331 WEB PUBLISHING
Focus on in-depth understanding of the web platform and its applicability to various types of content across multiple devices. Examination of web usage by individuals and organizations with the need for a digital presence. Experience the web publishing process, including planning, production, tracking, and marketing. Exposure to HTML coding, design, content management systems, web analytics, and digital advertising. Prerequisite: Journalism 310F and 311F with grade of at least B- in each.
• 08135 TTH 330 - 500P CMA 4.150 CHYI, H

J 331D INTERMEDIATE PHOTO COMM
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-.
• 08140 MW 300 - 430P BMC 4.212 DARLING, D
M 430 - 600P BMC 3.210
• 08145 MW 300 - 430P BMC 4.212 DARLING, 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-.
• 08150 MW 930 - 1100 CMA 4.152 RIVAS-RODRIGUEZ, M
M 1100 - 200P CMA 4.152

J 331M MEDIA INNOV/ENTRPRENEURSHIP
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).
• 08155 MW 1200 - 130P BMC 3.208 ALVES, R

J 333J PHOTOGRPHY FOR REPORTNG TEXAS
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.
• 08160 MWF 1000 - 1100 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.
• 08165 T 200 - 500P CMA 4.152 DE CESARE, D

J 334N ORAL HIST MULTIMEDIA STORY
Instruction in the use of oral history to generate long-term archival material and short-term multimedia stories. Covers concepts and methods of gathering oral history; centering on U.S. Latinos; and ways to build a multimedia representation of the interview. meets with J 395 (TOPIC 63).
• 08170 MW 200 - 330P CMA 4.152 RIVAS-RODRIGUEZ, M

J 335 NARRATIVE JOURNALISM
Additional hour(s) to be arranged. Development and production of stories for publication, focusing particularly on underrepresented groups and issues. Only one of the following may be counted: Journalism 335, Latin AmericanStudies 322 (Topic 11: Latino Community Journalism), 322 (Topic 11: Narrative Journalism), Mexican American Studies 374 (Topic 4: Latino Community Journalism), 374 (Topic 4: Narrative Journalism). Prerequisite: Journalism 310F with a grade of at least B-.
• 08175 TTH 1100 - 1230P CMA 4.150 ROBBINS, K

J 335G ADV TV REPORTING AND PRODUCING
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-.
• 08180 TH 1230 - 200P CMA 4.152 WEST, K
TH 200 - 500P CMA 4.152

J 336D GRAPHIC DES PRT/ONLINE
Designed to accommodate 35 or fewer students. 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-
• 08185 TTH 200 - 330P BMC 3.210 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.
• 08190 PSENCIK, K

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-. meets with J 395.
• 08195 MW 1030 - 1200 BMC 3.208 COLEMAN, R

J 337F LONG-FORM FEATURE WRITING
Advanced instruction in reporting and writing long-form narratives, including lessons in analyzing story-telling tools, strategies, and techniques. Examination of narrative strategies and techniques across different media platforms. Prerequisite: Journalism 310F with a grade of at least B-. meets with J 395 (TOPIC 59).
• 08200 TTH 200 - 330P CMA 4.150 DAHLBY, T

J 338J NEWS FOR A MOBILE AUDIENCE
Designed to accommodate 35 or fewer students. Examines the mobile landscape, including social media and journalism practice in a mobile world, as well as the mobile news consumer and mobile and social media content. Journalism 338J and 349T (Topic: News for a Mobile Audience) 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 50).
• 08205 TTH 200 - 330P BMC 3.204 POINDEXTER, P

J 339M MOBILE MEDIA APPS DEVEL
Planning and building a mobile app, whether for Android, iOS, or web-based, and personal communication in the news business and in various other journalism-related topics. Only one of the following may be counted: Journalism 339M, 339G, or Journalism 359T (Topic: Mobile News App Design). Restricted to journalism majors. Prerequisite: Upper-division standing; Journalism 310F and 311F with a grade of at least B- in each, and Journalism 335J with a grade of at least C-. meets with C S 378, J 395 (TOPIC 48).
• 08210 TTH 930 - 1100 BMC 3.208 QUIGLEY, R

J 341F UNDRSTNDNG AFR AMERS/THE MEDIA
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.
• 08215 TTH 1100 - 1230P BMC 4.212 POINDEXTER, P

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. meets with J 395.
• 08220 TTH 200 - 330P CMA 6.174 CHYI, H

J 348D GENDER & THE NEWS
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.
• 08225 MWF 1000 - 1100 BMC 3.206 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.
• 08230 TH 400 - 700P CMB 2.102 PANNES, M

J 349N NEWS MEDIA AND POLITICS
Designed to accommodate 35 or fewer students. Examines central controversies and theories about the role the media in politics and the political systems. Journalism 349N and 349T (Topic: News Media and Politics) may not both be counted. meets with J 395.
• 08234 TTH 1230 - 200P BMC 3.204 JOHNSON, T

J 349T NEWS MEDIA & POLITICS
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns in the practice of journalism. Restricted to journalism majors. Prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each.
• 08235 TTH 1230 - 200P BMC 3.204 JOHNSON, T

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).
• 08240 TTH 800 - 930 BMC 1.202 SANDERS, A

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 (TOPIC 23).
• 08245 TTH 1100 - 1230P BMC 3.204 SANDERS, A

J 354F JOUR/PRESS FRDM LAT AMER
Focus on journalism in Latin America with an emphasis on the struggle for democracy and press freedom in the region through country-by-countrysurvey of historical, political, economic, cultural, ethnic and geographical aspects. Examination of the evolution of professional journalism in Latin America, including topics such as the legal framework for freedom of expression, ethical principles, concentration of media ownership and the emergence of digital media. Knowledge of Spanish language is recommended, but it is not a requirement. Only one of the following may be counted: Journalism 354F, 367E, Latin American Studies 322 (Topic 14), 322 (Topic 20). same as LAS 322 (TOPIC 20).
• 08250 MW 900 - 1030 BMC 3.208 ALVES, R

J 355F LIVING IN THE INFO AGE
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).
• 08255 TTH 330 - 500P BMC 4.204 JOHNSON, T

J 359T CONTEMP ISSUES IN SPORTS JOUR
Course number may be repeated for credit when the topics vary. Contemporary professional skills and techniques in the practices of journalism. Restricted to journalism majors. Prerequisite: Journalism 310F (or 320D) and 311F (or 321C) with a grade of at least B- in each.
• 08260 TTH 200 - 330P CMA 3.124 ROBBINS, K

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.
• 08265 WILSON, K
• 08270 WILSON, 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.
• 08275

J 361F REPORTING TEXAS
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. meets with J 395 (TOPIC 44).
• 08280 TTH 1230 - 200P BMC 3.208 DAHLBY, T
F 900 - 1200 BMC 3.208

J 362F JOURNALISM PORTFOLIO
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-.
• 08285 MW 1200 - 130P CMA 4.146 REED, E
• 08290 MW 130 - 300P CMA 4.146 REED, E

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-.
• 08295 TTH 930 - 1100 CMA 4.144 WEST, K

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.
• 08300 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.
• 08305

J 278P SPEC PROJECTS IN JOUR
May be repeated for credit. Supervised projects in the field of journalism. Restricted to journalism majors. Prerequisite: Upper-division standing, and consent of instructor.
• 08310

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.
• 08315

J 379 JOURNALISM INDEPENDENT STUDY
Laboratory 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.
• 08320

J 382 5-MEDIA SOCIOLOGY
Course number may be repeated for credit when the topics vary. Readings, research, analyses in mass communications; oral and written reports in an area approved by the instructor. Journalism 382 (Topic: Media Sociology) and 382 (Topic 5) may not both be counted. Prerequisite: Graduate standing.
• 08325 W 1200 - 300P BMC 3.378A REESE, S

J 289 JOURNALISM RESEARCH 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.
• 08330

J 389 JOURNALISM RESEARCH 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.
• 08335

J 489 JOURNALISM RESEARCH 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.
• 08340

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.
• 08345

J 395 COMMUNITY LIFE: DOCUMENTED
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. meets with J 330L.
• 08350 DAWSON, K

DOMESTIC ISS & GLBL PERSPCTVS
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 346G.
• 08355 TTH 200 - 330P CMA 6.174 CHYI, H

LIFESTYLE JOURNALISM
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 336J.
• 08360 MW 1030 - 1200 BMC 3.208 COLEMAN, R

MASS COMMUNICATION THEORY II
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.
• 08365 TTH 930 - 1100 CMA 3.130 BOCK, M

NEWS MEDIA AND POLITICS
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 349N.
• 08370 TTH 1230 - 200P BMC 3.204 JOHNSON, T

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.
• 08375 MWF 1000 - 1100 BMC 3.210 REED, E

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.
• 08380 W 1200 - 300P CMA 3.130 MURTHY, D

THEORY BUILDING
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.
• 08385 M 1200 - 300P CMA 3.130 COLEMAN, R

2-ADV PHOTO EDITING & DSGN-CZE
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. Advanced training in photo editing and publication design. Taught abroad; location may vary by semester. Only one of the following may be counted: Journalism 370K (Topic 1: Advanced Photo Editing and Design), 370K (Topic: Advanced Photojournalism in Czechoslovakia), 395 (Topic 2). Prerequisite: Graduate standing; additional prerequisites vary with the topic. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 21-June 21. Taught in Prague, Czech Republic. Students must consult with Study A broad Program Coordinator as travel and orientation dates may be in addition to these dates. meets with J 330J.
• 08390 DARLING, D

12-ADV SOCIAL SCIENCE 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.
• 08395 TTH 1230 - 200P CMA 3.130 CHEN, G

23-ETHICS IN JOURNALISM
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.
• 08400 TTH 1100 - 1230P BMC 3.204 SANDERS, A

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.
• 08405 TTH 800 - 930 BMC 1.202 SANDERS, A

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. meets with J 361F.
• 08409 TTH 1230 - 200P BMC 3.208 DAHLBY, T
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.
• 08410 MWF 1000 - 1100 BMC 3.206 MCELROY, K

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.
• 08415 TTH 330 - 500P BMC 4.204 JOHNSON, T

48-MOBILE NEWS APP DESIGN
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Students will work toward building an iPhone application in one semester, with the goal of having an application accepted in the Apple App Store. Journalism 395 (Topic: Mobile News Application Design) and 395 (Topic 48) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Consent of instructor. meets with C S 378, J 339M.
• 08420 TTH 930 - 1100 BMC 3.208 QUIGLEY, R

50-NEWS FOR A MOBILE AUDIENCE
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Examines the mobile world and how journalism and the news audience fit in it. Journalism 395 (Topic: News for a Mobile Audience) and 395 (Topic 50) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 338J.
• 08425 TTH 200 - 330P BMC 3.204 POINDEXTER, P

59-LONG-FORM FEATURE WRITING
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Explores long-form journalism for print, online and books. Students will study the use of narrative, immersion, profile/biography, plots, back stories, and voice. Journalism 395 (Topic: Long-form Feature Writing) and 395 (Topic 59) may not both be counted. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 337F.
• 08430 TTH 200 - 330P CMA 4.150 DAHLBY, T

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.
• 08435 TTH 200 - 330P BMC 3.208 MCDONALD, C
• 08440 TTH 330 - 500P BMC 3.208 MCDONALD, C

63-ORAL HIST/MULTIMEDIA STORY
Course number may be repeated for credit when the topics vary. Contemporary social, professional, and intellectual concerns with the practice of journalism. Instruction in the use of oral history to generate long-term archival material and short-term multimedia stories. Covers concepts and methods of gathering oral history; a topic (varies by semester) centering on U.S. Latinos; and ways to build a multimedia representation of the interview. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with J 334N.
• 08445 MW 200 - 330P CMA 4.152 RIVAS-RODRIGUEZ, M

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. meets with J 326C.
• 08450 TTH 1100 - 1230P BMC 3.208 MCDONALD, C

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.
• 08455 MW 1200 - 130P BMC 3.208 ALVES, R

course unique days time room instructor

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.
• 08460

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.
• 08465

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.
• 08470

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.
• 08475

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.
• 08480

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.
• 08485

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.
• 08490

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.
• 08495

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.
• 08500

DEPARTMENT OF RADIO-TELEVISION-FILM

Radio-Television-Film - RTF

RTF 301N MEDIA LITERACY
Course number may be repeated for credit when the topics vary. Restricted to non-radio-television-film majors only.

• 08555	MWF	200 - 300P	BMC 3.204	TYNER, K

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.

• 08560				WRATHER, K

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, 321D or 322C.

• 08565	MW	500 - 630P	CMB 2.102	
	W	730 - 1000P	CMB 2.102	

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, 321D or 322C. Taught as a Web-based course.

• 08570				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.

• 08575	MWF	100 - 200P	CMB 2.102	CHAUDHARY, N
	T	730 - 1000P	CMA 2.306	
• 08580	MW	500 - 630P	BUR 134	BARNER, B
	T	730 - 1000P	CMA 2.306	
• 08585	TTH	500 - 630P	PAR 1	CROTTY, R
	T	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.

• 08590	MWF	1100 - 1200	CMA 2.306	FULLER, K
	M	730 - 1000P	CMA 2.306	
	T	500 - 600P	BMC 3.204	
• 08595	MWF	1100 - 1200	CMA 2.306	FULLER, K
	M	730 - 1000P	CMA 2.306	
	T	500 - 600P	BMC 4.212	
• 08600	MWF	1100 - 1200	CMA 2.306	FULLER, K
	M	730 - 1000P	CMA 2.306	
	T	600 - 700P	BMC 3.204	
• 08605	MWF	1100 - 1200	CMA 2.306	FULLER, K
	M	730 - 1000P	CMA 2.306	
	T	600 - 700P	BMC 4.212	
• 08610	MWF	1100 - 1200	CMA 2.306	FULLER, K
	M	730 - 1000P	CMA 2.306	
	T	700 - 800P	BMC 3.204	
• 08615	MWF	1100 - 1200	CMA 2.306	FULLER, K
	M	730 - 1000P	CMA 2.306	
	T	700 - 800P	CMA 6.170	
• 08620	MWF	1100 - 1200	CMA 2.306	FULLER, K
	M	730 - 1000P	CMA 2.306	
	T	800 - 900P	BMC 3.204	
• 08625	MWF	1100 - 1200	CMA 2.306	FULLER, K
	M	730 - 1000P	CMA 2.306	
	T	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.

• 08630	TTH	1230 - 200P	BMC 1.202	HANSON, B
	W	730 - 1000P	CMA 2.306	
• 08635	MWF	200 - 300P	CMB 2.104	LINDSEY, J
	W	730 - 1000P	CMA 2.306	
• 08640	TTH	330 - 500P	CMB 2.104	SIEGEL, B
	W	730 - 1000P	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.

• 08645	TTH	1100 - 1230P	CMA 2.306	LEWIS, D
	F	800 - 1100	CMB 4.114	
• 08650	TTH	1100 - 1230P	CMA 2.306	LEWIS, D
	F	800 - 1100	CMB 4.118	
• 08655	TTH	1100 - 1230P	CMA 2.306	LEWIS, D
	F	1100 - 200P	CMA 5.176	
• 08660	TTH	1100 - 1230P	CMA 2.306	LEWIS, D
	F	1100 - 200P	CMB 4.114	
• 08665	TTH	1100 - 1230P	CMA 2.306	LEWIS, D
	F	1100 - 200P	CMB 4.118	
• 08670	TTH	1100 - 1230P	CMA 2.306	LEWIS, D
	F	200 - 500P	CMB 4.114	
• 08675	TTH	1100 - 1230P	CMA 2.306	LEWIS, D
	F	200 - 500P	CMB 4.118	

RTF 322D FILM HIST 1960 TO PRESENT
Radio-Television-Film 322C and 322D may not both be counted. Prerequisite: Upper-division standing.

• 08680	TTH	1230 - 200P	CMB 2.102	BERG, C
	T	500 - 730P	CMB 2.102	

RTF 323C SCREENING RACE
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. meets with AMS 325, AFR 372E.

• 08685	TTH	330 - 500P	CMA 3.116	MCCLEAREN, J
	T	500 - 730P	CMA 3.116	

10/11/2018

course	unique	days	time	room	instructor

RTF 328C GENDER AND MEDIA CULTURE

Critical analysis of media and its interrelation with issues of gender. Only one of the following may be counted: Radio-Television-Film 359 (Topic: Women and Media Culture), 359S (Topic 2), 325C, 328C. Prerequisite: Upper-division standing. meets with WGS 324.

• 08690	TTH	1230 - 200P	CMA 3.124	MCCLEAREN, J
	T	730 - 1000P	CMA 3.116	

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.

• 08695				BAYS, B

RTF 330L INTRNSHP IN FILM & ELEC MEDIA

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. 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.

• 08700				

RTF 331N 1-INFORMATION SOCIETY/BEYOND

Course number may be repeated for credit when the topics vary. Introduction to information technologies such as the Internet, telephones, and computers and their relation to existing media; includes history, policy, economics, and social impact. Radio-Television-Film 331N (Topic: Information Society) and 331N (Topic 1) may not both be counted. Prerequisite: Upper-division standing. meets with AMS 325.

• 08705	TTH	930 - 1100	BMC 4.204	STROVER, S

RTF 331P 3-INTERNET CULTURES

Course number may be repeated for credit when the topics vary. Applications and potential effects of new telecommunications and information technologies in the home, workplace, and in education, social services, and politics. Radio-Television-Film 331P (Topic: Internet Cultures) and 331P (Topic 3)may not both be counted. Prerequisite: Upper-division standing.

• 08710	TTH	200 - 330P	CMA 6.170	MALLAPRAGADA, M

4-VIDEO GAME CULTURE/CRITICISM

Course number may be repeated for credit when the topics vary. Applications and potential effects of new telecommunications and information technologies in the home, workplace, and in education, social services, and politics. Radio-Television-Film 331P (Topic: Video Game Culture & Criticism) and 331P (Topic 4) may not both be counted. Prerequisite: Upper-division standing.

• 08715	TTH	930 - 1100	CMA 6.170	SCOTT, S

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.

• 08720	T	330 - 500P	CMB 2.102	WILLETT, T
	W	500 - 700P	CMA 3.108	
• 08725	T	330 - 500P	CMB 2.102	WILLETT, T
	W	500 - 700P	CMA 3.134	
• 08730	T	330 - 500P	CMB 2.102	WILLETT, T
	TH	500 - 700P	CMA 3.108	
• 08735	T	330 - 500P	CMB 2.102	WILLETT, T
	TH	500 - 700P	CMA 3.134	
• 08740	T	330 - 500P	CMB 2.102	WILLETT, T
	W	700 - 900P	CMA 3.108	
• 08745	T	330 - 500P	CMB 2.102	WILLETT, T
	TH	700 - 900P	CMA 3.130	
• 08750	T	330 - 500P	CMB 2.102	WILLETT, T
	TH	700 - 900P	CMA 3.134	

RTF 335 QUEER TELEVISION

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. Prerequisite: Upper-division standing. meets with WGS 335.

• 08755	MWF	200 - 300P	CMA 3.124	NAULT, C
	W	730 - 1000P	CMA 3.116	

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.

• 08760				

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.

• 08765	M	600 - 900P	CMB 4.118	SCHNEIDER, D
	W	600 - 900P	CMB 4.118	

RTF 341 AUDIO PRODUCTION INTO POST

Designed to accommodate 35 or fewer students. 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.

• 08770	MW	900 - 1200	CMB 4.114	THOMPSON, T

RTF 341C 1-SOUND DESIGN AND MIXING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Sound design and editing, and fundamentals of postproduction audio mixing. Sound design and editing, and post-production sound process for film, television, and immersive media. Radio-Television-Film 341C (Topic: Sound Design and Mixing) and 341C (Topic 1) may not both be counted. Prerequisite: Upper-division standing, Radio-Television-Film 317 and 318with a grade of at least B- in each, and six additional hours of lower-division coursework in Radio-Television-Film.

• 08775	MW	630 - 930P	CMB 4.114	PEREIRA, K

RTF 342S 1-GLOBAL HOLLYWOOD

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: Global Hollywood) and 342S (Topic 1) may not both be counted. Prerequisite: Upper-division standing.

• 08780	MWF	100 - 200P	CMA 3.120	KUMAR, S

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).

• 08785	T	600 - 900P	CMB 4.126	RAVAL, P
	W	200 - 500P	CMB 4.126	

2-ADV DOCUMENTARY PRODUCTION

Course number may be repeated for credit when the topics vary. Advanced study in film, television, and media production. Individual and group production of a documentary, from research and preproduction to completion. Restricted to radio-television-film majors. Prerequisite: Upper-division standing; Radio-Television-Film 366K. Additional prerequisite: Radio-Television-Film 366K (Topic 3: Documentary Production) meets with P A 388K.

• 08790	W	200 - 500P	CMB 4.122	STEKLER, P
	W	600 - 900P	CMB 4.122	

8-CINEMA LABORATORY

Course number may be repeated for credit when the topics vary. Advanced study in film, television, and media production. Explores the cinematic form on an elemental level through the making of several short films. Utilizes cinema-making skills through attention to process and experimentation in order to move to a higher level of precision. Radio-Television-Film 343 (Topic: Cinema Laboratory) and 343 (Topic 8) may not both be counted. Restricted to radio-television-film majors. Prerequisite: Upper-division standing; Radio-Television-Film 366K. meets with RTF 388P (TOPIC 3).

• 08795	M	100 - 500P	CMB 4.126	LEWIS, D
	W	500 - 700P	CMB 4.126	

RTF 343C ACTING FOR FILMMAKERS

Designed to accommodate 35 or fewer students. Explores core elements of acting technique through scene study, improvisation, and other exercises. Radio-Television-Film 343 (Topic: Acting for Filmmakers) and 343C may not both be counted. Restricted to radio-television-film majors. Prerequisite: Upper-divison standing; and Radio-Television-Film 366D or 366K. meets with RTF 388P (TOPIC 2).

• 08800	TH	900 - 1200	CMB 4.118	GIBSON, M

RTF 344M CG FOR FILM AND GAMES

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.

• 08805	TTH	500 - 630P	CMB 4.114	BAYS, B

POST PRODUCTION TECHNIQUES

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.

• 08810	TTH	200 - 330P	CMA 4.144	QUIROZ, S

course unique days time room instructor

3-INTRO VFX & MOTION GRAPHICS
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 introduce students to the core concepts and techniques used in visual effects and motion graphics. Subjects include, but are not limited to, compositing, animation, particles, and greenscreen. Radio-Television-Film 344M (Topic: Visual Effects) and 344M (Topic 3) 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.
• 08815 TTH 330 - 500P CMB 4.114 BAYS, B

4-INTERACTIVE MED & GAME DEV
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.
• 08820 W 200 - 500P CMA 4.144 CHETTY, D

5-WRTG INTERACT GAMES/MEDIA
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. Explores the storytelling possibilities of interactive mediums. Develop the skills and knowledge necessary to create characters, storylines, anddialogue for digital mediums. 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.
• 08825 MW 500 - 630P CMA 4.150 O CONNOR, S

RTF 344N GAME DEVEL CAPSTONE: 3D GAMES
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. meets with AET 377, C S 354T.
• 08830 MF 1230 - 200P GDC 6.202 TOPRAC, P
W 600 - 900P GDC 6.202

IMMERSIVE FILM MAKING
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.
• 08835 T 1000 - 100P CMB 4.116 QUIROZ, S

MOTION CAPTURE STUDIO
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.
• 08840 W 1000 - 100P CMA 4.144 CHETTY, D

RTF 345C EXP MED/ART OF DISRUPTION
Explores experimental and avant-garde media. Through the intentional disruption of mainstream media aesthetics and conventions, experimental media artists confront, question, and recontextualize the traditional narratives and conventions of commercial media. Examines a portfolio of experimental work across genre, including narrative and non-narrative film, title sequences, the use of media performance and gallery installations, public art, online interactive formats, and experimental video games. Radio-Television Film 345 (Topic: Exper Media, Art of Disruption) and 345C may not both be counted. Prerequisite: Upper-division standing.
• 08845 MW 330 - 500P CMA 3.116 TYNER, K

RTF 346 INTRODUCTION TO EDITING
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.
• 08850 MW 100 - 230P CMA 5.176 KOCHER, K
TH 500 - 630P CMA 4.144

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.
• 08855 MW 200 - 330P CMB 4.114 LEWIS, A
W 500 - 630P CMA 5.176
• 08860 MW 200 - 330P CMB 4.114 LEWIS, A
T 630 - 800P CMA 4.144

INTRODUCTION TO EDITING
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.
• 08865 MW 100 - 230P CMA 5.176 KOCHER, K
T 500 - 630P CMA 5.176

course unique days time room instructor

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.
• 08870 MW 900 - 1030 CMB 4.114 ROLDAN, C
M 600 - 730P CMA 4.144
• 08875 MW 900 - 1030 CMB 4.114 ROLDAN, C
M 630 - 800P CMA 4.144
• 08880 MW 1000 - 1130 CMA 5.176 KOCHER, K
M 500 - 630P CMA 5.176
• 08885 MW 1000 - 1130 CMA 5.176 KOCHER, K
TH 630 - 800P CMA 4.144

RTF 347C ENTER INDUST: BIG PICTURE-L A
Hour(s) to be arranged. 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. Taught in Los Angeles, California.
• 08890 POLLOK, S

RTF 347E ADVANCED EDITING
Designed to accommodate 35 or fewer students. 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.
• 08895 TTH 200 - 330P CMA 5.176 HOWARD, D
T 500 - 730P CMA 4.144

RTF 348 2-DEVEL PROCESS OF FILM/TV-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. 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. same as COM 324 (TOPIC 2).
• 08900 KEREW-SHAW, D

3-INSIDE MUSIC INDUSTRY-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. 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. Taught in Los Angeles, California. same as COM 324 (TOPIC 3).
• 08905 FERRANTE, D

4-NW MDIA/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. Taught in Los Angeles, California. same as COM 324 (TOPIC 4).
• 08910 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.
• 08915

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.
• 08920

course	unique	days	time	room	instructor

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.

• 08925	MW	500 - 630P	CMB 4.114	MYERS, R

RTF 359 RACE/INTERNET/SOCIAL MEDIA

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 7), AMS 321 (TOPIC 12).

• 08930	MWF	1100 - 1200	GDC 4.304	NAULT, C

5-SOC MED GROWTH/USES/IMPACTS

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. Only one of the following may be counted: Radio-Television-Film 359 (Topic: Youth and Social Media), 359 (Topic 4), 359 (Topic 5). Prerequisite: Upper-division standing.

• 08935	TTH	1100 - 1230P	BMC 4.204	MALCIC, S

RTF 359S 8-LATINA/OS AND U.S. MEDIA

Course number may be repeated for credit when the topics vary. Special topics related to the critical analysis of media in cultural contexts. Survey of the representation and participation of Latinas and Latinos in U.S. English-language film and television from the silent film era to the present. Also focuses on issues Latina/os face as media producers, media consumers, and media activists. Radio-Television-Film 359 and 359S may not both be counted unless the topics vary. Prerequisite: Upper-division standing. meets with MAS 374.

• 08940	MWF	100 - 200P	BMC 4.206	BELTRAN, M
	M	730 - 1000P	CMA 3.116	

13-LATIN AMERICAN TELEVISION

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. Only one of the following may be counted: Radio-Television-Film 359 (Topic: Latin American Television), 359S (Topic 13), 377H (Topic: Latin American Television). Prerequisite: Upper-division standing. meets with MAS 374, LAS 322.

• 08945	MWF	1100 - 1200	BMC 4.204	STRAUBHAAR, J
	W	730 - 1000P	CMA 3.120	

RTF 365 13-ACTIVIST MEDIA

Course number may be repeated for credit when the topics vary. Advanced topics addressing media, communication, and society. Prerequisite: Upper-division standing.

• 08950	MWF	1000 - 1100	BMC 4.204	BELTRAN, M

RTF 366K 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. 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.

• 08955	T	600 - 900P	CMB 4.118	AKEL, M
	TH	1000 - 100P	CMB 4.122	

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.

• 08960	T	1000 - 100P	CMB 4.122	LAW, H
	TH	600 - 900P	CMB 4.118	
• 08965	W	1000 - 100P	CMB 4.118	MIMS, S
	W	600 - 900P	CMB 4.116	
• 08970	T	200 - 500P	CMB 4.126	LEWIS, D
	W	1000 - 100P	CMB 4.126	

3-DOCUMENTARY PRODUCTION

Designed to accommodate 35 or fewer students. 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.

• 08975	MW	200 - 500P	CMB 4.116	HADDEN, S

4-EAST AUSTIN STORIES

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Students work in small production groups and make documentaries in and about East Austin for public screening at the end of the semester and for Webcasting. 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.

• 08980	M	600 - 900P	CMB 4.116	GARRISON, A
	TH	300 - 600P	CMB 4.118	

RTF 367D DIRECTING WORKSHOP

Designed to accommodate 35 or fewer students. 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.

• 08985	M	200 - 500P	CMB 4.122	ALVAREZ, M
	M	600 - 900P	CMB 4.126	
• 08990	M	600 - 900P	CMB 4.122	SMITH, D
	T	200 - 500P	CMB 4.118	

RTF 367K PRODUCING FILM AND TELEVISION

Laboratory 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.

• 08995	MW	400 - 530P	BMC 1.202	BARBER, M

RTF 367Q SCRIPT TO SCREEN

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.

• 09000	W	1000 - 100P	BMC 4.212	RICE, S

RTF 368 6-IMMERSIVE MEDIA PRODUCTION

Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Advanced study of production crafts in film, television, and other digital media. Exploration of the theory and practice of immersive media: stereoscopy, artificial environments, and virtual reality. Restricted to radio-television-film majors. Prerequisite: Varies with the topic. Additional prerequisite: Radio-Television-Film 344M (Topic 2), or 344M (Topic 3), or 366M, or consent of instructor. meets with RTF 388P.

• 09005	T	200 - 500P	CMA 4.148	CHETTY, D
• 09010	W	200 - 500P	CMA 4.148	CHETTY, D

RTF 368D ADVANCED CINEMATOGRAPHY

Study of the art of cinematography beyond the basic principles of cameraand lighting. Group production of short films to explore the cinematic tools used to create an overall visual approach to storytelling. Examination of film genre, color, texture, lens continuity, aspect ratio, and practical on set strategies and challenges. Radio-Television-Film 368 (Topic: Advanced Cinematography) and 368D may not both be counted. Restricted to radio-television-film majors. Prerequisite: Upper-division standing, and either Radio-Television-Film 343D (or Radio-Television-Film 368 (Topic 2: Cinematography)) or Radio-Television-Film 343 (Topic 1: Advanced Narrative Production). meets with RTF 388P (TOPIC 4).

• 09015	T	1000 - 100P	CMB 4.118	RAVAL, P
	TH	600 - 900P	CMB 4.122	

RTF 368S 1-FILM PRODUCTION THESIS

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. Course number may be repeated for credit when the topics vary. Advanced film production or media studies research. Intensive production workshop, designed for students who wish to producea film for a portfolio. Restricted to radio-television-film majors. Prerequisite: Upper-division standing and consent of instructor; Prerequisites vary with the topic. Additional prerequisite: Radio-Television-Film 343, or 367L, or 368.

• 09020	TTH	200 - 500P	CMB 4.116	LEWIS, R

3-SCREENWRITING THESIS

Course number may be repeated for credit when the topics vary. Advanced film production or media studies research. Advanced screenwriting for film or television. Intensive writing workshop, designed for students who wish to produce a polished script suitable for submission to agents and competitions. Radio-Television-Film 368 (Topic: Writing Thesis) and 368S (Topic 3) maynot both be counted. Restricted to radio-television-film majors. Prerequisite: Upper-division standing and consent of instructor; Prerequisites vary with the topic. Additional prerequisite: Radio-Television-Film 369

• 09025	T	200 - 500P	CMA 6.146	KELBAN, S

RTF 369 ADV SCREENWRITING: 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. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.
• 09030 TH 900 - 1200 CMA 6.146 LADDY, T

ADV SCREENWRITING: TV PILOTS
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. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.
• 09035 F 1200 - 300P CMA 6.146 KELBAN, S

ADV SCREENWRITING: TV SPECS
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. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.
• 09040 W 900 - 1200 CMA 6.146 MCCREERY, C

ADV SCRNWRT FOR FILM: INDIES
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. Restricted to radio-television-film majors. Prerequisite: Radio-Television-Film 333 with a grade of at least B-.
• 09045 F 900 - 1200 CMA 6.146 PEREZ, M

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-.
• 09050 W 1200 - 300P CMA 6.146 PEREZ, M

RTF 370 3-ASIAN HORROR FILM
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: Asian Horror Film) and 370 (Topic 4) may not both be counted. Prerequisite: Upper-division standing.
• 09055 TTH 200 - 330P CMA 3.120 GOPALAN, L
TH 730 - 1000P CMA 3.120

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.
• 09060 TTH 1100 - 1230P CMA 3.124 SCHATZ, T
TH 500 - 730P CMA 3.120

RTF 377H WOMEN BEHIND THE CAMERA
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 386C.
• 09065 M 500 - 800P CMA 6.170 GOPALAN, L
W 500 - 730P CMA 3.120

RTF 178 RADIO-TV-FILM INTERNSHIP
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. 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.
• 09070

RTF 380 RESEARCH METHODS
Course number may be repeated for credit when the topics vary. Introduction to research theory and design. Designed to help students develop skills in understanding and critiquing current research, and in designing and proposing research projects. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 09075 TH 930 - 1230P CMA 6.174 WILKINS, K

RTF 380G INTERACTIVITY
Course number may be repeated for credit when the topics vary. Introduction to research implementation. Designed to help students develop skills in conducting a variety of research approaches. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 09080 T 1230 - 330P CMA 6.172 STROVER, S

RTF 380J 2-FIRST-YEAR REWRITING
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. 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.
• 09085 TH 200 - 500P CMA 6.146 WILLETT, T

RTF 380M 4-ADVANCED SCREENWRITING II
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.
• 09090 F 900 - 1200 CMA 6.172 WILLETT, T

RTF 380N ADAPTATION
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.
• 09095 TH 900 - 1200 CMA 5.130 THORNE, B

PILOTS
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.
• 09100 T 900 - 1200 CMA 6.146 MCCREERY, C

RTF 881KB PRINCIPLES OF FILM AND TV PROD
Restricted enrollment; contact the department for permission to register for this class. 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.
• 09105 M 100 - 500P CMB 4.118 SMITH, D
W 100 - 500P CMB 4.118

RTF 385K FILM HISTORY
Course number may be repeated for credit when the topics vary. Survey of the history of the motion picture. Lectures and readings; screenings are required for some topics. Prerequisite: Graduate standing and consent of instructor and the graduate adviser. Restricted to students in the Masters of Fine Arts program.
• 09110 W 900 - 1200 CMB 4.122 BERG, C
W 500 - 730P CMB 4.122

MEDIA, MEMORY AND THE ARCHIVE
Course number may be repeated for credit when the topics vary. Survey of the history of the motion picture. Lectures and readings; screenings are required for some topics. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 09115 W 900 - 1200 CMA 3.130 FRICK, C

RTF 385L AMERICAN FILM, 1960 TO PRESENT
Course number may be repeated for credit when the topics vary. Advanced study and research in major directors, genres, periods, and movements of film history. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 09120 T 200 - 500P CMA 5.130 SCHATZ, T

RTF 386 MEDIA AND CULTURAL HYBRIDITY
Course number may be repeated for credit when the topics vary. Analysis and explication of representative critics, critical systems, genres, and artists. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 09125 M 900 - 1200 CMA 5.130 KUMAR, S

RTF 386C FEMINIST MEDIA STUDIES
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.
• 09130 M 100 - 400P CMA 6.172 MCCLEAREN, J

RACE/DIGITAL MEDIA CULTURES
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.
• 09135 T 330 - 630P CMA 3.130 WATKINS, S

WOMEN BEHIND THE CAMERA
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. meets with RTF 377H.
• 09139 M 500 - 800P CMA 6.170 GOPALAN, L
W 500 - 730P CMA 3.120

RTF 387C GLOBAL TV AND NEW MEDIA
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.
• 09140 F 100 - 400P CMA 3.130 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

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course unique days time room instructor

for credit. Research and reading in preparation for doctoral examinations. Prerequisite: Graduate standing in radio-television-film and consent of the graduate adviser.
• 09145

RTF 388D RSCH PROB IN SPEC FIELD OF RTF
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. Research project chosen from area of student's major interests. Prerequisite: Graduate standing and consent of the graduate adviser.
• 09150

RTF 388E RSCH PROB IN SPEC FIELD OF RTF
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 project chosen from area of student's major interests. Prerequisite: Graduate standing and consent of the graduate adviser.
• 09155

RTF 488M PRE-THESIS FILM: POSTPRODUCTN
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. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 09160 TH 200 - 600P CMA 5.130 LEWIS, A

THESIS FILM PRODUCTION
Hour(s) to be arranged. 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. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 09165

RTF 388P IMMERSIVE MEDIA PRODUCTION
Laboratory 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. meets with RTF 368 (TOPIC 6).
• 09170 T 200 - 500P CMA 4.148 CHETTY, D
• 09175 W 200 - 500P CMA 4.148 CHETTY, D

2-ACTING FOR FILMMAKERS
Course number may be repeated for credit when the topics vary. Production costs borne by the student. Radio-Television-Film 388P (Topic: Acting for Filmmakers) and 388P (Topic 2) 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. meets with RTF 343C.
• 09180 TH 900 - 1200 CMB 4.118 GIBSON, M

3-CINEMA LABORATORY
Course number may be repeated for credit when the topics vary. Production costs borne by the student. Radio-Television-Film 388P (Topic: Cinema Laboratory) and 388P (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. meets with RTF 343 (TOPIC 8).
• 09185 M 100 - 500P CMB 4.126 LEWIS, D
W 500 - 700P CMB 4.126

4-ADVANCED CINEMATOGRAPHY
Course number may be repeated for credit when the topics vary. Production costs borne by the student. Radio-Television-Film 388P (Topic: Advanced Cinematography) and 388P (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. meets with RTF 368D.
• 09190 T 1000 - 100P CMB 4.118 RAVAL, P
TH 600 - 900P CMB 4.122

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.
• 09195

RTF 388T PRODUCING FILM AND TELEVISION
Comprehensive consideration of the production process from the standpoint of fiscal and creative management; preproduction and production planning using computer budgeting and scheduling. Software costs borne by the student. Radio-Television-Film 388P (Topic: Producing Film and Television) and 388T may not both be counted. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 09200 T 600 - 900P CMA 6.172 BARBER, M

RTF 390E AUDIO FOR PICTURE: PROD & POST
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Theory and application of multitrack audio for video productions. Restricted to first-year Master of Fine Arts production students in radio-television-film. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 09205 TTH 1030 - 130P CMA 5.176 GARRISON, A

RTF 393N CULTURAL POLICY & PARTICIPATN
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.
• 09210 T 200 - 500P DFA 4.112 OSTROWER, F

RTF 395 2-THRY/LIT: HUMANITIES APPRCHS
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 humanities approaches to media studies. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 09215 T 930 - 1230P CMA 6.174 MALLAPRAGADA, M

RTF 196 PORTFOLIO IN MEDIA PRODUCTION
Prerequisite: Graduate standing in radio-television-film and consent of the graduate adviser.
• 09220

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.
• 09225

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.
• 09230

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.
• 09235

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.
• 09240

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.
• 09245

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.
• 09250

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.
• 09255

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.
• 09260

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.
• 09265

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COLLEGE OF EDUCATION

Applied Learning and Development - ALD

ALD 118C COLLEGE TO CAREER CO-OP INTSHP
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 C2C Co-op students.
• 09320 M 400 - 500P SZB 426 DIETER, E

INTRO: MENTORING/LEADERSHIP
Additional hour(s) to be arranged. 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 mentors in the Gateway Scholars program.
• 09325 M 700 - 800P UTC 1.104 JIMENEZ, R

LONGHORN CTR DISTN SPKR SERIES
Additional hour(s) to be arranged. 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.
• 09330 W 300 - 400P MEZ 1.306 JIMENEZ, R

MCNAIR SCHOLARS: RSRCH/DSGN
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.
• 09335 W 500 - 600P MAI 220F JIMENEZ, R

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.
• 09340 W 200 - 300P SZB 434 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.
• 09345 TTH 930 - 1100 SZB 435 BUSH-RICHARDS, A
• 09350 TTH 200 - 330P SZB 370 YAN, V

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.
• 09355 T 1100 - 1230P BUR 212 SACHDEVA, S
TH 930 - 1100 SZB 411
• 09360 T 1100 - 1230P BUR 212 SACHDEVA, S
TH 930 - 1100 SZB 424
• 09365 T 1100 - 1230P BUR 212 SACHDEVA, S
TH 1100 - 1230P SZB 411
• 09370 T 1100 - 1230P BUR 212 SACHDEVA, S
TH 1100 - 1230P SZB 424

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.
• 09375 TTH 930 - 1100 UTC 4.122 ROJESKI, L
• 09380 TH 500 - 800P UTC 3.104 PATTON, J

INDIVIDUAL DIFFERENCES-ELEM
Designed to accommodate 35 or fewer students. 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.
• 09385 W 100 - 400P SZB 292

INDIVIDUAL DIFFERENCES-SEC
Designed to accommodate 35 or fewer students. 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.
• 09390 M 500 - 800P SZB 426 SCHALLER, J

ALD 327 SOCIOCUL INFLNCS ON LEARN-BIL
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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 students in the Bilingual Education program. Conducted in Spanish. meets with AFR 372D (TOPIC 2).
• 09395 W 900 - 1200 SZB 344 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.
• 09400 MWF 200 - 300P SZB 426
• 09405 TTH 200 - 330P
• 09410 T 400 - 700P 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).
• 09415 T 100 - 400P SZB 424 DE LISSOVOY, N

SOCIOCUL INFLUENCES ON LRN-SED
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 special education majors.
• 09420 TH 100 - 400P SZB 292 PARK, S

ALD 328 APPLIED HUMAN LEARNING-C
Development, cognition, language, and sociocultural influences in learning contexts; child assessment, identification of learning styles, and tests and measurements. Fieldwork to provide a theoretical basis for professional assessment, referral, and placement. Prerequisite: Admission to the professional development sequence of the Bachelor of Science in Applied Learning and Development degree program. Restricted to cohort C students.
• 09425 TH 100 - 400P SZB 526

APPLIED HUMAN LEARNING-D
Development, cognition, language, and sociocultural influences in learning contexts; child assessment, identification of learning styles, and tests and measurements. Fieldwork to provide a theoretical basis for professional assessment, referral, and placement. Prerequisite: Admission to the professional development sequence of the Bachelor of Science in Applied Learning and Development degree program. Restricted to cohort D students.
• 09430 TH 100 - 400P SZB 278 GERWELS, M

APPLIED HUMAN LEARNING-G
Development, cognition, language, and sociocultural influences in learning contexts; child assessment, identification of learning styles, and tests and measurements. Fieldwork to provide a theoretical basis for professional assessment, referral, and placement. Prerequisite: Admission to the professional development sequence of the Bachelor of Science in Applied Learning and Development degree program. Restricted to cohort G students.
• 09435 M 900 - 1200 SZB 432 BUSH-RICHARDS, A

APPLIED HUMAN LEARNING-P
Development, cognition, language, and sociocultural influences in learning contexts; child assessment, identification of learning styles, and tests and measurements. Fieldwork to provide a theoretical basis for professional assessment, referral, and placement. Prerequisite: Admission to the professional development sequence of the Bachelor of Science in Applied Learning and Development degree program. Restricted to cohort P students.
• 09440 W 100 - 400P SZB 284 GERWELS, M

ALD 329 ACQUIS OF LANG & LITERACIES
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.
• 09445 TTH 800 - 930 SZB 426
• 09450 W 900 - 1200 SZB 426 HORWITZ, E
• 09455 TTH 930 - 1100 JES A217A
• 09460 TTH 1100 - 1230P SZB 426

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 program.
• 09465 W 400 - 700P SZB 344 WIEBE, M

ALD 333 CHILDREN'S LITERATURE
For future teachers, an investigation of literature written for children from early childhood through age twelve. Includes an investigation of genres, authors, themes, and forms, and an introduction to ways of bringing literature to children, facilitated by extensive discussion.
• 09470 M 500 - 630P SZB 104 DAVILA, D
W 500 - 630P JES A207A
• 09475 M 500 - 630P SZB 104 DAVILA, D
W 500 - 630P SZB 278
• 09480 M 500 - 630P SZB 104 DAVILA, D
W 500 - 630P SZB 426

DEPARTMENT OF CURRICULUM AND INSTRUCTION

Curriculum and Instruction - EDC
Foreign Language Education - FLE
Science, Technology, Engineering, and Mathematics Education - STM

EDC 331E SCH ORG/CLASS MGMT ELEM SCH-L
Additional hour(s) to be arranged. Administrative structure of elementary schools; concepts, principles, and strategies for establishing an orderly classroom environment, preventing inappropriate behavior, and promoting student involvement in academic work. Communication Sciences and Disorders 331E and Curriculum and Instruction331E may not both be counted. 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 cohort L students. Taught in Austin-area elementary schools.
• 09535 TH 900 - 1200 KINKADE, A

SCH ORG/CLASS MGMT ELEM SCH-R
Additional hour(s) to be arranged. Administrative structure of elementary schools; concepts, principles, and strategies for establishing an orderly classroom environment, preventing inappropriate behavior, and promoting student involvement in academic work. Communication Sciences and Disorders 331E and Curriculum and Instruction331E may not both be counted. 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 cohort R students. Taught in Austin-area elementary schools.
• 09540 TH 100 - 400P CAMARILLO, L

EDC 331S SCH ORG/CLASS MGMT IN SEC SCH
Designed to accommodate 35 or fewer students. 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.
• 09545 W 1100 - 200P ART 3.408 MURPHY, E

EDC 332S DESIGNS FOR INSTRUCTION
Designed to accommodate 35 or fewer students. 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.
• 09547 F 100 - 400P SZB 442
• 09548 M 100 - 400P SZB 442

EDC 339C COMMUNITY LITERACY-S
Prerequisite: Admission to the professional development sequence of courses. Restricted to cohort S students. Taught in Austin-area elementary schools.
• 09550 TH 100 - 400P FLORES, T

EDC 339D READING ASSESSMENT AND DEVEL-C
Prerequisite: Admission to the professional development sequence of courses. Restricted to cohort C students. Taught at Austin-area elementary schools.
• 09555 M 900 - 1200

READING ASSESSMENT AND DEVEL-G
Prerequisite: Admission to the professional development sequence of courses. Restricted to cohort G students. Taught in Austin-area elementary schools.
• 09560 W 100 - 400P

READING ASSESSMENT AND DEVEL-P
Prerequisite: Admission to the professional development sequence of courses. Restricted to cohort P students. Taught in Austin-area elementary schools.
• 09565 T 100 - 400P

READING ASSESSMENT AND DEVEL-R
Prerequisite: Admission to the professional development sequence of courses. Restricted to cohort R students. Taught in Austin-area elementary schools.
• 09570 TH 900 - 1200

READING ASSESSMENT AND DEVEL-S
Prerequisite: Admission to the professional development sequence of courses. Restricted to cohort S students. Taught in Austin-area elementary schools.
• 09575 W 100 - 400P WETZEL, M

EDC 339F ADOLESCENT LITERACY
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.
• 09580 TH 1230 - 330P SZB 411

EDC 339G LITERACY SEMINAR-S
Prerequisite: Admission to the professional development sequence of courses. Restricted to cohort S students. Taught in Austin-area elementary schools.
• 09585 T 100 - 400P WETZEL, M

EDC 340D SPN LANG METH BILNG CLS TCH II
Intensive practice in the various aspects and conventions governing literacy within the elementary bilingual education curriculum. Restricted to bilingual generalist certification students. Prerequisite: Curriculum and Instruction 340C, Spanish 611D or 312L, andadmission to the professional development sequence of courses. Restricted to cohort D students. Taught in Austin-area elementary schools.
• 09590 W 100 - 400P RODRIGUEZ, H

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.
• 09595 W 900 - 1200 SZB 240 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 951W.
• 09600 W 400 - 700P SZB 424 KEATING, X

EDC 350 ASIAN STDNTS IN AMERICAN SCHLS
Course number may be repeated for credit when the topics vary. Analysis of selected topics and problems in education.
• 09605 TTH 930 - 1100 KEATING, X

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.
• 09610 MWF 100 - 200P SZB 278 BRYANT, L

EDC 350E ELEMENTARY GRADE TEACHING PRAC
Hour(s) to be arranged. Offered on the pass/fail basis only. Supervised practicum in early childhood through grade four 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.
• 09615 STIENECKER, D

EDC 950E ELEM GRADE TEACHING PRACTICE-B
Hour(s) to be arranged. Offered on the pass/fail basis only. Supervised practicum in early childhood through grade four 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. Restricted to cohort B students. Taught in Austin-area elementary schools.
• 09620

ELEM GRADE TEACHING PRACTICE-E
Hour(s) to be arranged. Offered on the pass/fail basis only. Supervised practicum in early childhood through grade four 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. Restricted to cohort E students. Taught in Austin-area elementary schools.
• 09625

ELEM GRADE TEACHING PRACTICE-H
Hour(s) to be arranged. Offered on the pass/fail basis only. Supervised practicum in early childhood through grade four 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. Restricted to cohort H students. Taught in Austin-area elementary schools.
• 09630

ELEM GRADE TEACHING PRACTICE-K
Hour(s) to be arranged. Offered on the pass/fail basis only. Supervised practicum in early childhood through grade four 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. Restricted to cohort K students. Taught in Austin-area elementary schools.
• 09635

ELEM GRADE TEACHING PRACTICE-Y
Hour(s) to be arranged. Offered on the pass/fail basis only. Supervised practicum in early childhood through grade four 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. Restricted to cohort Y students. Taught in Austin-area elementary schools.
• 09640

EDC 351S SEC SCHL TCHG PRAC: VIS ART
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.
• 09645 STIENECKER, D

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.
• 09650 F 100 - 400P SZB 442

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.
• 09655 M 100 - 400P SZB 442

5-SEC SCHL TCHG PRAC VIS ART
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.
• 09656 STIENECKER, D

EDC 651S 1-SEC SCHL TCHG PRAC ENGLISH
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. 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.
• 09660

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.
• 09665

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.
• 09670

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.
• 09675

EDC 951W 1-ALL LVL TCHG PRAC THEATRE
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.
• 09680 T 400 - 600P WIN 2.112 SIMONS, S

2-ALL LVL TCHG PRAC VIS ART
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.
• 09685

3-ALL LEVEL TEACH PRAC: DANCE
Additional 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.
• 09690 T 500 - 800P WIN 2.136 CURRAN, T

4-ALL LEVEL TEACH PRAC: MUSIC
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.
• 09695

5-ALL LVL TCHG PRAC KIN
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.
• 09700

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.
• 09705

EDC 365C KNOWING/LEARNING IN MATH & SCI
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.
• 09710 TTH 930 - 1100 SZB 316 AZEVEDO, F
• 09715 TTH 1100 - 1230P SZB 316 AZEVEDO, F

EDC 365D CLASSROOM INTERACTIONS
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.
• 09720 MW 200 - 400P SZB 316 MARSHALL, J
• 09725 TTH 200 - 400P SZB 316

EDC 365E PROJECT-BASED INSTRUCTION
Additional hour(s) to be arranged. 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.
• 09730 MW 400 - 530P SZB 316 SAMPSON, V
• 09735 TTH 1230 - 200P SZB 316 PETROSINO, A

EDC 370E

1-READING-D
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 elementary cohort D students. Taught in Austin-area public school.
• 09740 TH 900 - 1200

1-READING-L
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 elementary cohort L students. Taught in Austin-area elementary schools.
• 09745 TH 100 - 400P

2-LANGUAGE ARTS-C
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 elementary cohort C students. Taught in Austin-area elementary schools.
• 09750 M 100 - 400P

2-LANGUAGE ARTS-E
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 E students. Class meets January 22-February 14. Taught in Austin-area elementary schools.
• 09755 MTWTH 900 - 1200 HOFFMAN, J

2-LANGUAGE ARTS-G
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 elementary cohort G students. Taught in Austin-area elementary schools.
• 09760 W 900 - 1200

2-LANGUAGE ARTS-P
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 elementary cohort P students. Taught in Austin-area elementary schools.
• 09765 T 900 - 1200

2-LANGUAGE ARTS-R
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 elementary cohort R students. Taught in Austin-area elementary schools.
• 09770 T 900 - 1200 ABRIL-GONZALEZ, P

3-SCIENCE-L
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 elementary cohort L students. Fieldwork taught in Austin-area elementary schools.
• 09775 M 900 - 1200 SZB 312 GONZALEZ TRISTAN

3-SCIENCE-R
Designed to accommodate 35 or fewer students. 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 elementary cohort R students.
• 09780 T 100 - 400P SZB 312 GONZALEZ TRISTAN

3-SCIENCE-S
Designed to accommodate 35 or fewer students. 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 elementary cohort S students. Fieldwork taught in Austin-area elementary schools.
• 09785 M 100 - 400P SZB 312 MADKINS, T

4-SOCIAL STUDIES-C
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 elementary cohort C students.
• 09790 TH 900 - 1200 SZB 312

4-SOCIAL STUDIES-D
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 elementary cohort D students.
• 09795 T 100 - 400P SZB 426 ROJAS, M

4-SOCIAL STUDIES-E
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 elementary cohort E students. Taught in Austin-area elementary schools.
• 09800 MTWTHF 100 - 400P

4-SOCIAL STUDIES-G
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 elementary cohort G students.
• 09805 TH 100 - 400P SZB 426

4-SOCIAL STUDIES-P
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 elementary cohort P students.
• 09810 W 100 - 400P SZB 526

5-MATHEMATICS-L
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: Mathematics 316L or consent of the mathematics education faculty; and admission to the professional development sequence of courses. Restricted to elementary cohort L students.
• 09815 M 100 - 400P SZB 344

5-MATHEMATICS-R
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: Mathematics 316L or consent of the mathematics education faculty; and admission to the professional development sequence of courses. Restricted to elementary cohort R students.
• 09820 W 100 - 400P SZB 312

20-TEACH ENG AS SEC LANG-B
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. The methods, teaching strategies, and materials for developing and assessing English language proficiency in culturally and linguistically diverse populations within the context of the elementary school curriculum. Prerequisite: A University grade point average of at least 2.50. Restricted to elementary cohort B students.
• 09825

20-TEACH ENG AS SEC LANG-H
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. The methods, teaching strategies, and materials for developing and assessing English language proficiency in culturally and linguistically diverse populations within the context of the elementary school curriculum. Prerequisite: A University grade point average of at least 2.50. Restricted to elementary cohort H students.
• 09830

20-TEACH ENG AS SEC LANG-K
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. The methods, teaching strategies, and materials for developing and assessing English language proficiency in culturally and linguistically diverse populations within the context of the elementary school curriculum. Prerequisite: A University grade point average of at least 2.50. Restricted to elementary cohort K students.
• 09835

20-TEACH ENG AS SEC LANG-Y
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. The methods, teaching strategies, and materials for developing and assessing English language proficiency in culturally and linguistically diverse populations within the context of the elementary school curriculum. Prerequisite: A University grade point average of at least 2.50. Restricted to ele-

mentary cohort Y students. Class meets January 22-February 14. Taught at Austin-area elementary schools.
• 09840 MTWTHF 100 - 400P

EDC 370S SEC SCH SUB: DANCE

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 one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. 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 Dance Studies program.
• 09845 MWF 930 - 1100 WIN 2.116 CURRAN, T

SEC SCH SUB: MUSIC

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 one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. 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.
• 09850 M 500 - 800P MRH 4.130 SIMMONS, A

SEC SCH SUB: THEATRE

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 one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. 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.
• 09855 TTH 930 - 1100 WIN 1.108 AVILA, M
F 930 - 1100 WIN 1.108

7-ART

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. Curriculum and Instruction 370S (Topic 7) and 370S (Topic 16) may not both be counted. 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. Additional prerequisite: Curriculum and Instruction 331S and 332S. Restricted to students in the Visual Art Studies program.
• 09860 W 500 - 800P ART 3.408 STIENECKER, D

12-TEACHING SEC PHYSICAL EDUC

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. 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.
• 09865 MW 900 - 1000 BEL 326C CASTELLI, D
MW 1100 - 1200 BEL 302

18-TEACHING SEC SCH MUSIC

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 one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. Curriculum and Instruction 370S (Topic: Sec Sch Sub: Music) and 370S (Topic 18) may not both be counted. 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.
• 09867 M 500 - 800P MRH 4.130 SIMMONS, A

17-TEACHING SEC SCH DANCE

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 one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. Curriculum and Instruction 370S (Topic: Sec Sch Sub: Dance) and 370S (Topic 17) may not both be counted. 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.
• 09868 MWF 930 - 1100 WIN 2.116 CURRAN, T

15-TEACHING SEC SCH THEATRE

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 one secondary school subject. The topic in the appropriate field is required for secondary school teacher certification. Curriculum and Instruction 370S (Topic: Sec Sch Sum: Theatre) and 370S (Topic 15) may not both be counted. 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.
• 09869 TTH 930 - 1100 WIN 1.108 AVILA, M
F 900 - 1200 WIN 1.108

EDC 371G TEACHING YOUNG CHILDREN-C

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 elementary cohort C students. Taught in Austin area elementary schools.
• 09870 T 100 - 400P SZB 344

TEACHING YOUNG CHILDREN-D

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. Taught in Austin area elementary school. Restricted to elementary cohort D students.
• 09875 T 900 - 1200

TEACHING YOUNG CHILDREN-G

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 elementary cohort G students.
• 09880 M 100 - 400P SZB 422

TEACHING YOUNG CHILDREN-P

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 elementary cohort P students.
• 09885 TH 900 - 1200 SZB 518C

TEACHING YOUNG CHILDREN-S

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 elementary cohort S students. Taught in Austin area elementary schools.
• 09890 M 900 - 1200 SZB 240

EDC 373 AFRICAN AMERICANS IN SPORTS

Theoretical and practical complexities in issues surrounding African Americans in sports, including the relationship between athletics and higher education. Focuses on racial stereotyping, identity theory, and how practical knowledge of these theories can aid in understanding the current state of athletics. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: African Americans in Sports), 374D (Topic 12), Curriculum and Instruction 373. same as AFR 374D (TOPIC 12).
• 09895 TTH 930 - 1100 SZB 104 HARRISON, L

SUMMER

course	unique	days	time	room	instructor

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.

• 09900 W 400 - 700P SZB 312 WORTHY, M

EDC 380T WRITING: PROCESS AND PEDAGOGY

Restricted enrollment; contact the department for permission to register for this class. Studies research, theory, pedagogy, and curricula in writing for school and extracurricular settings and investigates personal writing processes, habits, and strategies. Prerequisite: Graduate standing.

• 09905 T 400 - 700P SZB 442 KIM, G

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.

• 09910 M 400 - 700P SZB 442 PAYNE, K

EDC 382S 7-ENGLISH AS A SECOND LANGUAGE

Course number may be repeated for credit when the topics vary. Examination of the discipline of the subject-field selected, coupled with intensive study of research findings, publications of learned societies, and advanced experimentation with the improvement of instruction. Prerequisite: Graduate standing, twelve semester hours of upper-division education, twelve semester hours of upper-division coursework in the subject-field of the topic or consent of instructor, and teaching experience or consent of the graduate adviser. Restricted to students in the UTeach Urban Teachers Masters program.

• 09915 TH 100 - 400P SZB 518C RODRIGUEZ, H

EDC 383F CURRICULUM THEORY

An introduction to the central issues in curriculum theory. Includes historical and contemporary approaches to the philosophy and analysis of curriculum, and curriculum theory and practice. Emphasis on the issues of power, knowledge, and exclusion. Prerequisite: Graduate standing and admission to a Doctor of Education or a Doctor of Philosophy degree program.

• 09920 TH 400 - 700P SZB 424 DE LISSOVOY, N

EDC 383T INSTRUCTIONAL THEORY

Identification and analysis of the major types of contemporary instructional theory. Prerequisite: Graduate standing. Restricted to students in the UTeach Urban Teachers program.

• 09925 T 100 - 400P SZB 411 SALINAS, C

EDC 385G LITERACY AND SOCIAL CHANGE

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. Restricted to students in the UTeach Urban Teachers program.

• 09930 T 100 - 400P SZB 518C SKERRETT, A

ONLINE LRNG AND FUTURE OF EDU

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. Prerequisite: Graduate standing and consent of instructor. Partially taught as a Web-based course.

• 09935 TH 400 - 700P RESTA, P

5-THE SECOND LANGUAGE LEARNER

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. Additional prerequisite: Curriculum and Instruction 385G (Topic 4) or consent of instructor.

• 09940 M 400 - 700P SZB 424 HORWITZ, E

29-INTACTV MULTIMED DSGN/PROD

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. Engaging in the design and production process through work with a clienton an interactive, web-based application through new media technology tools. Emphasis on industry standard technology: graphics, video, audio,animation, and web development. Prerequisite: Graduate standing and consent of instructor.

• 09945 W 400 - 700P SZB 240 LIU, M

38-CRIT PERSP EARLY CHLDHD ED

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. Designed to allow students to examine and evaluate early childhood education research, practice, and curricula; and to question preconceived notions about working with young children. Prerequisite: Graduate standing and consent of instructor.

• 09950 TH 400 - 700P SZB 526 BROWN, C

55-HISTORCL PERSPS ON CURRIC

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. Restricted to UTeach Urban Teachers Masters plus secondary Social Studies certification program and graduate students in Social Studies Education.

• 09955 TH 400 - 700P SZB 411 BROWN, A

62-EDUC CONTEMP BLACK AMERICA

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. Examines the historical and contemporary philosophies, practices, and pedagogies for Black education. Includes culturally responsive pedagogy, African-centered pedagogy and curriculum, multicultural curriculum and critical race theory. Prerequisite: Graduate standing and consent of instructor.

• 09960 T 400 - 700P SZB 526 BROWN, K

63-IDENTITY/AGENCY/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. Considers the cultural production of identity and identity politics and agency within a cultural, political, racial, gender, and activist framework in relation to education. Prerequisite: Graduate standing and consent of instructor.

• 09965 TH 700 - 1000P SZB 526 URRIETA, L

76-LITERACY AND CULTURE

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. Examines the relationship between culture and literacy from a variety oftheoretical perspectives including New Literacy Studies, identity and agency, sociocritical literacy and critical race theory with a particular emphasis on discourse and social change. Prerequisite: Graduate standing and consent of instructor.

• 09970 W 400 - 700P SZB 442 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.

• 09975 W 400 - 700P SZB 411 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.

• 09980 TH 400 - 700P SZB 344 HUGHES, J

EDC 388R 2-DISCOURSE ANALYSIS

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, Curriculum and Instruction 386R, and admission to a Doctor of Education or a Doctor of Philosophy degree program. Additional prerequisite: Completion of one qualitative research methods course, and completion of a graduate course in linguistics, sociolinguistics, or psycholinguistics.

• 09985 T 400 - 700P SZB 216A MALOCH, A

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.

• 09990 T 400 - 700P

EDC 390T 7-ADV INSTRUC SYSTEMS DESIGN

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. Advanced topics, theoretical frameworks, and strategies for the design of instructional systems. Students work in teams to design and develop an instructional product for an authentic

client such as a state agency, school system, university, corporation, or museum that meets specified criteria. Prerequisite: Graduate standing. Additional prerequisite: Curriculum and Instruction 390T (Topic 21: Instructional Systems Design). Partially taught as a Web-based course.
• 09995 M 400 - 700P SZB 323 RESTA, P

25-LITERATURE FOR YOUNG ADULTS
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. Restricted to students in UTeach Urban Teachers English program.
• 10000 T 100 - 400P SZB 442 KELT, D

41-MSMT/ASSMT OF PHYS ACTIVITY
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 introduction to theoretical bases for evaluating and investigating physical education teaching effectiveness. Emphasis is placed on current technologies and issues of assessment for physical education instruction, basic statistics concepts, and current educational evaluation trends. Designed primarily for physical education teachers. Prerequisite: Graduate standing.
• 10005 T 400 - 700P SZB 312 KEATING, X

EDC 395K ENVIR EDUC FOR YOUNG CHILDREN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 10010 W 400 - 700P SZB 526 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. Discuss and debate timely research subjects in the disciplines of physical education, public health, culture, and educational reform. Prerequisite: Graduate standing, and admission to candidacy for the doctoral degree or consent of instructor.
• 10015 T 1000 - 1100 BEL 628 CASTELLI, D

9-PHYS EDUCATION TEACHER EDUC
Designed to accommodate 35 or fewer students. 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. Discuss and debate timely research subjects in the disciplines of physical education, public health, culture, and educational reform. Prerequisite: Graduate standing, and admission to candidacy for the doctoral degree or consent of instructor.
• 10020 TH 400 - 700P SZB 428 KEATING, X

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.
• 10025

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.
• 10030

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.
• 10035

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.
• 10040

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.
• 10045

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.
• 10050

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.
• 10055

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.
• 10060

EDC 398T SUPV TEACH IN CURRIC AND INSTR
Hour(s) to be arranged. Supervised college teaching experience. Prerequisite: Graduate standing and appointment as a teaching assistant or an assistant instructor.
• 10065

EDC 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 10070

EDC 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 10075

EDC 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 10080

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.
• 10085

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.
• 10090

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.
• 10095

FLE 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Foreign Language Education 399R, 699R, or 999R.
• 10150

FLE 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Foreign Language Education 399R, 699R, or 999R.
• 10155

FLE 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Foreign Language Education 399R, 699R, or 999R.
• 10160

STM 386 CURRIC HIST & DEVEL IN STEM ED
Historical development of school mathematics and science curricula in the United States in the last 150 years, and examination of current curricular trends. A summative project consisting of a research paper and a presentation will allow students to delve deeper into a topic of individual interest. Prerequisite: Graduate standing.
• 10215 T 400 - 700P SZB 316 MARSHALL, J

STM 390 2-RSCH TCH & TCHR DEV STEM ED
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. Scholarship related to STEM teaching and how it can be used to address problems in K-12 school instruction. Research on teaching, teacher knowledge and beliefs, and teacher education and professional development; relationships among research, theory, and practice; and consideration of a variety of critical issues, including the meaning of effective instruction and evidence-based arguments about teaching, and how research on student thinking and theories of learning inform our understanding of teaching. Prerequisite: Graduate standing.
• 10220 T 400 - 700P SZB 344 SAMPSON, V

10/11/2018

STM 390T DESIGN BASED RESEARCH
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.
• 10225 M 400 - 700P SZB 344 PETROSINO, A

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.
• 10230 TH 400 - 700P SZB 316 MADKINS, T

STM 396T DIR RSCH IN STEM EDUCATION
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing.
• 10235

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.
• 10240

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.
• 10245

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.
• 10250

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.
• 10255

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.
• 10260

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.
• 10265

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.
• 10270

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.
• 10275

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.
• 10280

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.
• 10285

DEPARTMENT OF EDUCATIONAL LEADERSHIP AND POLICY

Educational Leadership and Policy - ELP

ELP 381D EDUCATION RESEARCH II
A continuation of Education Research I, with an emphasis on the basics of statistical techniques and qualitative approaches; skills related to data collection and analysis; and conceptual and practical understanding of the research process and how to ensure quality while engaged in research. Educational Administration 381M and Educational Leadership and Policy 381D may not both be counted. Prerequisite: Graduate standing and Educational Leadership and Policy 381C.
• 10340 M 400 - 700P SZB 380 CALLAHAN, R

ELP 183N 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.
• 10345 CANTU, D
• 10350 SAN MIGUEL, T

ELP 384C CRITICAL POLICY ANALYSIS
The analysis of policy, including traditional and critical approaches. Reviews methods and principles of policy analysis, the role of policy development, context, history, and micropolitical influences. Educational Administration 395M and Educational Leadership and Policy 384C may not both be counted. Prerequisite: Graduate standing.
• 10355 T 400 - 700P SZB 376 VALENZUELA, A

ELP 384D ADMIN OF INDIVIDUAL SCHOOL
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.
• 10360 S 900 - 1200 SZB 364 CANTU, D

ELP 384L LEGAL ISS IN SCHOOLS
Designed to accommodate 35 or fewer students. 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. Educational Administration 388L and Educational Leadership and Policy 384L may not both be counted. Prerequisite: Graduate standing and enrollment in the principalship program in educational leadership and policy.
• 10365 W 500 - 800P SZB 524 CANTU, N

ELP 384M POLICY IMPLMNTATION SEMINAR
Examines the challenges and implementation of systemic school reform in the context of American cities. Educational Administration 395G and Educational Leadership and Policy 384M may not both be counted. Prerequisite: Graduate standing.
• 10370 TH 400 - 700P SZB 380 CHILDS, J

ELP 384R SCHL, FAM, COMM ENGAGEMENT
Designed to accommodate 35 or fewer students. Introduction to concepts of school-family-community engagement with a focus on equity, social justice, and democratic participation. Explores the capacity to lead community engaged schools through equitably and authentically partnering with traditionally underserved families, communities, and community-based organizations. Educational Administration 383, 683 (Topic 2) and Educational Leadershipand Policy 384R, 684R may not both be counted. Prerequisite: Graduate standing and enrollment in the principalship program in Educational Leadership and Policy.
• 10375 T 500 - 800P SZB 360A DEMATTHEWS, D

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.
• 10380 W 430 - 730P SZB 364 CANTU, D

ELP 385C CONTEMP ISS IN HGHR EDU MGT
Designed to accommodate 35 or fewer students. An examination of responsibilities, functions, challenges, and current issues that affect managers in institutions of higher education. Educational Administration 391Q and Educational Leadership and Policy 385C may not both be counted. Prerequisite: Graduate standing.
• 10385 W 400 - 700P SZB 286 JUSTIZ, M

10/11/2018

course unique days time room instructor

ELP 385E THE COLLEGE STUDENT

Study of the student population in contemporary colleges and universities, with emphasis on student development theory and the impactof campus environments on student development. Educational Administration 391E and Educational Leadership and Policy 385E may not both be counted. Prerequisite: Graduate standing.

- 10390 M 100 - 400P SZB 364 SCHUDDE, L
- 10395 TH 400 - 700P SZB 323 SOMERS, P

ELP 390C PROSEM: INTRO P20 RSCH/CRER

Foundation for cohort interaction among incoming doctoral students. Establishes a learning community among students and faculty to explore issues related to P20 education with opportunities for team conferring, planning, academic research, relevant practical experiences and site visits, professional presenting, writing and analysis, and other curricular and career enhancement opportunities Educational Administration 181F, 281F, 381F and Educational Leadership and Policy 190C, 290C, 390C may not both be counted. Prerequisite: Graduate standing.

- 10400 M 400 - 700P SZB 360A VALENZUELA, A
- 10405 M 400 - 700P SZB 364 BUKOSKI, B

ELP 390R ORGANIZTNL DESIGN /BEHAVIOR

Theories of organization from structuralist, behaviorist, and critical traditions that are useful for diagnosing problems endemic to schools and colleges, and for developing skills necessary for administering complex educational systems. Study of concepts related to bureaucracy, organizational design, decision making, power and control, leadership, motivation, and organizational communication. Educational Administration 382M and Educational Leadership and Policy 390R may not both be counted. Prerequisite: Graduate standing.

- 10410 W 100 - 400P SZB 376 CHILDS, J

ORGANIZTNL DESIGN /BEHAVIOR

Theories of organization from structuralist, behaviorist, and critical traditions that are useful for diagnosing problems endemic to schools and colleges, and for developing skills necessary for administering complex educational systems. Study of concepts related to bureaucracy, organizational design, decision making, power and control, leadership, motivation, and organizational communication. Educational Administration 382M and Educational Leadership and Policy 390R may not both be counted. Prerequisite: Graduate standing. Restricted to students in the Cooperative Superintendency program.

- 10415 TH 100 - 400P SZB 376 SHARPE, E

ELP 390S SOCIAL/CUL CONTEXT OF EDUC

Designed to accommodate 35 or fewer students. Examines the relationship of contemporary educational institutions, bothpublic school and higher education, to their social setting. Educational Administration 388M and Educational Leadership and Policy 390S may not both be counted. Prerequisite: Graduate standing.

- 10420 TH 400 - 700P SZB 240 REDDICK, R

SOCIAL/CUL CONTEXT OF EDUC

Designed to accommodate 35 or fewer students. Examines the relationship of contemporary educational institutions, bothpublic school and higher education, to their social setting. Educational Administration 388M and Educational Leadership and Policy 390S may not both be counted. Prerequisite: Graduate standing. Restricted to students in the Cooperative Superintendency program.

- 10425 TH 400 - 700P SZB 286 HOLME, J

ELP 391P QUANT RSCH DESIGN/ANALYSIS

Introduction to the knowledge base in measurement theory and quantitative research designs, including research designs appropriate todifferent research contexts; and analyzing, interpreting, and representing statistical data to scholarly and practitioner audiences. Educational Administration 381P and Educational Leadership and Policy 391P may not both be counted. Prerequisite: Graduate standing and Educational Leadership and Policy 391E.

- 10430 T 100 - 400P SZB 376 SCHUDDE, L

ELP 392E PROGRAM EVAL METHODS

Covers designing and implementing educational program evaluations; collect, analyze, and interpret qualitative and quantitative evaluation data; create and use communications and reports to engage key stakeholders; The primary emphasis is on the theory, issues, topics, andapplications of program evaluation in educational environments. Educational Administration 383, 683 (Topic 17) and Educational Leadership and Policy 392E, 692E may not both be counted. Prerequisite: Graduate standing and Educational Leadership and Policy 391E.

- 10435 TH 900 - 1200 SZB 364 REYES, P

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.

- 10440 OLIVAREZ, R
- 10445 REYNA, S

ELP 394K AMER STRUGGLING MID CLASS

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, P A 380L.

- 10448 TTH 215 - 330P TNH 2.140 DICKERSON, M

ELP 394D SCHOOL DIST ADMIN FUNCT II

Designed to accommodate 35 or fewer students. Focus on three areas of the superintendents' job: first, external and internal communications; second, hands-on practice in the area school finance, including state and local funding strategies and budgeting; third, the use of technology in today's school setting. Includes the study of school district safety and security practices, student transportation planning and requirements, and school district child nutrition operations. Educational Administration 385, 685 (Topic 6) and Educational Leadershipand Policy 394D, 694D may not both be counted. Prerequisite: Graduate standing, Educational Leadership and Policy 394C,694C, and enrollment in the Cooperative Superintendency Program (CSP) ineducational leadership and policy.

- 10449 TH 400 - 700P SZB 364 REYNA, S

ELP 394K AMERICANS WITH DISABILITIES

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with LAW 348D.

- 10450 T 345 - 645P TNH 2.140 CANTU, N

URB POLICY SCHOOL/COMMUNITY

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

- 10455 W 400 - 700P SZB 380 REYES, P

ELP 394R SCH DIST RESTRUCT/RENEWAL

Critical examination of school restructuring, renewal research, and systemic change processes since 1975. Study and evaluation of school restructuring and renewal processes, and their underlying research bases, in conjunction with the influence patterns of teachers, principals, superintendents, school boards, parents, and state and national policy makers on the development and use of such concepts and processes. Educational Administration 383 (Topic: SCH RESTRUCTURING/RENEWAL-CSP) and Educational Leadership and Policy 394R may not both be counted. Prerequisite: Graduate standing and enrollment in the Cooperative Superintendency Program (CSP) in educational leadership and policy.

- 10460 TH 800 - 1200 SZB 376 OLIVAREZ, R

ELP 394S SUPERINTENDENT SEMINAR

Involves completion of a final portfolio that demonstrates knowledge, skills, and dispositions required of district level leaders. Students will draft a Professional Development Plan (PDP), considering their own progress in leadership development as determined by completing an Administrative Leadership Inventory and their unique practicum experiences. Students will address perceived program/personal professional gaps and address means to close them, and participate in further development experiences. Students will develop a working mentor relationship with a superintendent or district-level staff person to advance knowledge, skills, and practice emphasizing those areas of perceived need. Educational Administration 395 (Topic: SUPERINTENDENCY SEMINAR-CSP) and Educational Leadership and Policy 394S may not both be counted. Prerequisite: Graduate standing and enrollment in the Cooperative Superintendency Program (CSP) in educational leadership and policy.

- 10465 TH 100 - 400P SZB 380 OLIVAREZ, R

SUPERINTENDENT SEMINAR

Designed to accommodate 35 or fewer students. Involves completion of a final portfolio that demonstrates knowledge, skills, and dispositions required of district level leaders. Students will draft a Professional Development Plan (PDP), considering their own progress in leadership development as determined by completing an Administrative Leadership Inventory and their unique practicum experiences. Students will address perceived program/personal professional gaps and address means to close them, and participate in further development experiences. Students will develop a working mentor relationship with a superintendent or district-level staff person to advance knowledge, skills, and practice emphasizing those areas of perceived need. Educational Administration 395 (Topic: SUPERINTENDENCY SEMINAR-CSP) and Educational Leadership and Policy 394S may not both be counted. Prerequisite: Graduate standing and enrollment in the Cooperative Superintendency Program (CSP) in educational leadership and policy.

- 10470 TH 100 - 400P SZB 364 REYNA, S

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.

- 10475 W 100 - 400P SZB 364 REDDICK, R

ELP 395K ETHICS AND FUNDRAISING

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.

- 10480 T 400 - 700P SZB 364 GONZALES, J

1-COMPARATIVE 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. Examination of the higher education systems and institutions of selectedcountries. Educational Administration 391C and Educational Leadership and Policy 395K (Topic 1) may not both be counted. Prerequisite: Graduate standing.

- 10485 T 400 - 700P SZB 323 SOMERS, P

6-LEGISLATV ISS IN HIGHER EDU

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. Focus on leg-

islative and policy issues in Texas higher education, with an attendant focus on the national policy context. Provides an overview of the state-level policy making process and addresses various policy issues related to higher education access, equity, finance, governance, diversity, and more. Educational Administration 391K (Topic 19) and Educational Leadership and Policy 395K (Topic 6) may not both be counted. Prerequisite: Graduate standing.

• 10490 TH 400 - 700P SZB 376 SAENZ, V

10-PROBLMS COLLEGE TCHNG/LEARN

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. Hands-on, project-based. Explores problems of college teaching and learning through a past, present, and future lens. Survey of the full ecosystem of the college campus as opposed to just the traditional classroom. Covers investigating and designing interventions for pedagogical and learning problems within various units on college or university campuses. Only one of the following may be counted: Educational Administration 391K (Topic: Problems of College Teaching), 391K (Topic 3), Educational Leadership and Policy 395K (Topic 10). Prerequisite: Graduate standing.

• 10495 M 400 - 700P SZB 286 SCHELL, J

11-CRIT CONSCSNESS IN HIGH EDU

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. 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.

• 10500 T 400 - 700P SZB 518C 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.

• 10505 T 100 - 400P SZB 364 GARCES, L

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY

Educational Psychology - EDP

EDP 304 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).

• 10560 TTH 930 - 1100 SZB 416
• 10565 TTH 930 - 1100 SZB 422
• 10570 TTH 1100 - 1230P SZB 416
• 10575 TTH 1100 - 1230P SZB 422
• 10580 TTH 1230 - 200P SZB 416
• 10585 TTH 1230 - 200P SZB 422
• 10590 TTH 200 - 330P SZB 416
• 10595 TTH 200 - 330P SZB 422
• 10600 TTH 330 - 500P SZB 422

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.

• 10605 MW 930 - 1100 SZB 330
• 10610 TTH 330 - 500P 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.

• 10615 W 400 - 700P SZB 422 NGUYEN, H

EDP 318T 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.

• 10620 MW 1200 - 100P SZB 435

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.

• 10625 TTH 200 - 330P SZB 296 SUIZZO, M

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.

• 10630 TTH 930 - 1100 SZB 370 SUIZZO, M
• 10635 TTH 1100 - 1230P SZB 435

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.

• 10640 MW 1100 - 1230P SZB 104 DALEY, N
• 10645 TTH 1100 - 1230P SZB 104 BROWNSTEIN, L
• 10650 MW 1230 - 200P SZB 104 DALEY, N
• 10655 TTH 1230 - 200P SZB 104 BROWNSTEIN, L
• 10660 MW 200 - 330P SZB 104 DALEY, N
• 10665 TTH 200 - 330P SZB 104 BROWNSTEIN, L
• 10670 TTH 330 - 500P SZB 104 PARENT, M

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.

• 10675 MW 1100 - 1230P UTC 4.122 MOORE, L
• 10680 M 400 - 700P SZB 416 ROCHLEN, A

EDP 352K MINDFULNESS/COMPASSION/SELF

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.

• 10685 M 400 - 700P UTC 4.134 NEFF, K

EDP 354G PSYCHOL AFR AMER EXPERIENCE

Examination of the psychology of people of African descent using an African-centered liberatory model. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Psychology of the African-American Experience), 374D (Topic 11), Educational Psychology 354G, 362 (Topic: Psychology of the African-American Experience), 362 (Topic 9: Psychology of the African-American Experience). same as AFR 374D (TOPIC 11).

• 10690 TTH 930 - 1100 SZB 330 COKLEY, K

EDP 354L LDRSHP FOR NEW STUDNT TRANSITN

Course number may be repeated for credit when the topics vary. Issues and topics of interest in various areas of college leadership. Prerequisite: Additional prerequisites may vary with the topics.

• 10695 TTH 330 - 500P UTC 1.130

LEADRSHP SOROR/FRAT COMMNTY

Course number may be repeated for credit when the topics vary. Issues and topics of interest in various areas of college leadership. Prerequisite: Additional prerequisites may vary with the topics.

• 10700 TH 200 - 500P PAR 101

EDP 358D EMOTIONAL/BEHAV DISORDERS

Covers theory and research on several mental disorders with a critical perspective on how social structures and assumptions influence the way they are conceptualized and treated. Educational Psychology 358D and 363 (Topic 5) may not both be counted. Prerequisite: Upper-division standing and completion of three semester hours of coursework in behavioral sciences.

• 10705 TTH 1230 - 200P SZB 435 OBLENESS, J

EDP 371 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.

• 10710 TTH 1100 - 1230P UTC 4.134 ISRANI, A
• 10715 TTH 1230 - 200P UTC 4.134

10/11/2018

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.

• 10720 ISRANI, A

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.

• 10725

EDP 380C 2-FUNDAMENTAL STATISTICS

Designed to accommodate 35 or fewer students. 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.

• 10730 TTH 930 - 1100 SZB 444 BERETVAS, S

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.

• 10735 TTH 1230 - 200P SZB 432 WHITTAKER, T

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.

• 10740 TTH 1230 - 200P SZB 286 ISRANI, A

20-DATA ANALYSIS/SIMUL IN R

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications of quantitative methods used in applied research. Introduces the R language and statistical computing environment, with a focus on using R for real-life empirical data analysis projects and simulation studies. Subjects include reading in, cleaning, merging, and re-shaping data; creating information-dense graphics; running and using the results of regressions and other statistical models; reproducible data analysis; the logic and design of statistical simulation. Educational Psychology 380C, 480C and 182K, 282K, 382K, 482K may not both be counted unless the topics vary. 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 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.

• 10745 TTH 1100 - 1230P SZB 432 PUSTEJOVSKY, J

EDP 480C 4-CORRELATION/REGRESSION MTHDS

Designed to accommodate 35 or fewer students. 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.

• 10750 TTH 930 - 1100 SZB 268 KANG, H
TH 830 - 930 SZB 268

6-STAT ANALYSIS: EXPER DATA

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.

• 10755 TTH 930 - 1100 SZB 432 PITUCH, K
TH 830 - 930 SZB 432

EDP 380D 4-PSYCHOMETRIC THEORY/MTHDS

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.

• 10760 TTH 1230 - 200P SZB 444 KANG, H

6-PROG EVAL MODELS & TECHNQS

Course number may be repeated for credit when the topics vary. Theory, models, methods, and applications in psychometrics and program evaluation. Subjects include background and theory (including classical test theory, objectivity in mental measurement, dichotomous and polytomous models, conventional item analysis versus the item response theory approach, item parameter and ability estimation, and information functions), and applications (including relative efficiency of tests, flexilevel and two-stage tests, computerized adaptive tests and mastery tests, test equating, differential item functioning, and attitude and personality measurement). Educational Psychology 380D and 180P, 280P, 380P, 480P may not both be counted unless the topics vary. Educational Psychology 380D (Topic 6) and 180P (Topic 4: Evaluation Models and Techniques), 280P (Topic 4: Evaluation Models and Techniques), 380P (Topic 4: Evaluation Models and Techniques), 480P (Topic 4: Evaluation Models and Techniques) 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 (Topic 1), 280E (Topic 1), 380E (Topic 1), 480E (Topic 1)), or consent of instructor.

• 10765 TTH 1230 - 200P SZB 524 COLLINS, S

8-ITEM RESPONSE THEORY

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. Subjects include background and theory (including classical test theory, objectivity in mental measurement, dichotomous and polytomous models, conventional item analysis versus the item response theory approach, item parameter and ability estimation, and information functions), and applications (including relative efficiency of tests, flexilevel and two-stage tests, computerized adaptive tests and mastery tests, test equating, differential item functioning, and attitude and personality measurement). Educational Psychology 380D and 180P, 280P, 380P, 480P may not both be counted unless the topics vary. Educational Psychology 380D (Topic 8) and 180P (Topic 6), 280P (Topic 6), 380P (Topic 6), 480P (Topic 6) 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 4) (or 180P (Topic 2), 280P (Topic 2), 380P (Topic 2), 480P (Topic 2)), or consent of instructor.

• 10770 M 900 - 1200 SZB 444 CHOI, S

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 meth-

ods 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.

• 10775 TTH 200 - 330P SZB 435 PUSTEJOVSKY, J

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.

• 10780 W 900 - 1200 SZB 444 AINSLIE, R

EDP 381D ADVANCED STATISTICAL MODELING

May be repeated for credit. Advanced course intended for doctoral students specializing in quantitative methods. Subject matter includes extensions of basic two- and three-level multilevel models and of structural equation models; simulation study design; and related subjects. Prerequisite: Graduate standing; Educational Psychology 380C (Topic 14) (or Educational Psychology 182K (Topic 6), 282K (Topic 6), 382K (Topic 6), 482K (Topic 6)) and 380C (Topic 16) (or 184 (Topic 16), 284 (Topic 16), 384 (Topic 16)), or consent of instructor.

• 10785 TTH 930 - 1100 SZB 240 WHITTAKER, T

EDP 382C 2-SOCIAL PSYCHOLOGY

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. Basic theories and methods of social psychology. Subjects include modelsof agency, self-deception, social comparison theory, positivity biases, accuracy in self-knowledge, diversity, loose versus tight cultures, sibling status, family relations, and family resources. Educational Psychology 381M and 382C may not both be counted unless the topics vary. Educational Psychology 381M (Topic 2) and 382C (Topic 2) may not both be counted. Prerequisite: Graduate Standing.

• 10790 M 100 - 400P SZB 524 FALBO, T

EDP 382D 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.

• 10795 M 400 - 700P SZB 524 SCHALLERT, D

6-MOTIVATION AND EMOTION

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 human motivation and emotion from a psychological perspective. Examination of classical and contemporary theories to understand the nature, predictors, functions, and consequences of motivation and emotion. Review of basic theories of motivation and emotion in application to educational issues. Educational Psychology 382D and 382L may not both be counted unless the topics vary. Educational Psychology 382D (Topic 6) and 382L (Topic 2) 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.

• 10800 W 100 - 400P SZB 524 MUENKS, K

8-INSTRUCTIONAL PSYCHOLOGY

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. Translating the theories and research on human learning and motivation into practice for educational psychology students through designing instruction to meet the needs of a range of audiences and instructional situations. Emphasis is placed on communicating how various learning andmotivation theories get translated into design theories and instructional practice, and how a given instructional practice might be based in theory. Educational Psychology 382D and 382L may not both be counted unless the topics vary. Educational Psychology 382D (Topic 8) and 382L (Topic 3) 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.

• 10805 M 400 - 700P SZB 432 YAN, V

12-PSYCHOLINGUISTICS

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 intersection of language and thought from a sociolinguistic perspective. Includes readings from the latest work on models of cognition and language, first language acquisition, conversation and oral discourse use, reading comprehension, and writing processes. Educational Psychology 382D and 382L may not both be counted unless the topics vary. Educational Psychology 382D (Topic 12) and 382L (Topic 5) 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.

• 10810 TH 400 - 700P SZB 444 SCHALLERT, D

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.

• 10815 W 100 - 400P SZB 435 NEFF, K

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.

• 10820

EDP 383C 6-ACADEMIC ASSMNT/INTERVEN

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. Application of theory and research along with psychometric knowledge to the assessment of academic skills, with the intent of using this and other (e.g., cognitive) data to help develop meaningful interventions for children and youth in academic settings. 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, 483C (Topic 6) and 189H, 289H, 389H, 489H (Topic 2) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Educational Psychology 383C (Topic 4) or 483C (Topic 4)

• 10825 M 900 - 1200 SZB 268 KLINGBEIL, D

12-ASSESSMENT IN COUNSELING

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. Introduction to the fundamentals of objective assessment, with emphasis on cultural and ethical considerations. Review of assessment techniques includes diagnostic interviewing, intelligence testing, achievement testing, objective personality testing, interpretation of assessment data, writing integrated reports, providing feedback, and making appropriate referrals. First course of a two-part sequence in psychological assessment; the second course in the sequence is Educational Psychology 383C (Topic 14). 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 381 (Topic 6), 481 (Topic 6) and 383C (Topic 12) may not both be counted. Prerequisite: Graduate standing.

• 10830 W 900 - 1200 SZB 268 PARENT, M

28-CHILD 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. Focus on the nature, structure, etiology and developmental course of psychopathology during childhood and adolescence, including approaches to the classification of psychological disorders, incidence and prevalence, the role of environments and genes in the etiology of psychopathology, the developmental course of disorders, correlates of and risk factors for disorders, and the clinical impli-

cations of the current findings in the field. 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 28) and 397 (Topic 2) may not both becounted. Prerequisite: Graduate standing.
• 10835 M 400 - 700P SZB 268 RODRIGUEZ, E

EDP 383F PRACTICUM: LEVEL THREE
Offered on the letter-grade basis only. May be repeated for credit. Prerequisite: Graduate standing
• 10840 T 400 - 700P SZB 240 OBLENESS, J

EDP 384C MOTIVATIONAL INTERVIEWING
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.
• 10845 W 100 - 400P SZB 416 GRAY, J

8-HELPING & COUNSELING SKILLS
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. Designed to provide a foundation for the professional practice of counseling and the skills necessary for professional training in counseling and related fields. Studies basic interpersonal helping skills, clinical interviewing, and intervention strategies. 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 8: Counseling Skills and Procedures) and 384C (Topic 8) may not both be counted. Prerequisite: Graduate standing.
• 10850 M 100 - 400P SZB 268 MCCARTHY, C

12-FAM SYS INTERV: CHLDN/ADOL
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. Review of major family systems theories and practices for promoting learning and behavior of children and adolescents. 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 9: Family Systems Therapy), 481 (Topic9: Family Systems Therapy), and 384C (Topic 12) may not both be counted. Prerequisite: Graduate standing.
• 10855 M 900 - 1200 SZB 524 CARLSON, C

18-MULTICULTURAL COUNSELING
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 cultural diversity and multiculturalism in counseling. Designed to help students understand important cultural issues and various cultural groups. 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 26), 481 (Topic 26), and 384C (Topic 18) may not both be counted. Prerequisite: Graduate standing.
• 10860 W 100 - 400P SZB 444 SANCHEZ, D

22-COG-BEHAV THRPY: CHLDN/ADOL
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 22) and 189H, 289H, 389H, 489H (Topic9: Cognitive-Behavioral Assessment and Intervention) may not both be counted. Prerequisite: Graduate standing.
• 10865 W 100 - 400P SZB 268 STARK, K

36-FUND BEHAV THEORY/INTERVEN
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. Introduction to Behavior Therapy (BT), including history and theoreticalunderpinnings, core assumptions of BT, and a survey of BT techniques commonly used in practice, with particular emphasis on child and adolescent therapy; explores definition of empiriaclly-supported practice, and evidence base for BTs for children and adolescents in clinics, schools, and other 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. Education Psychology 384C (Topic 36) and 384C (Topic: Fund of Behav Theory/Interven) may not both be counted. Prerequisite: Graduate standing.
• 10870 W 900 - 1200 SZB 422 BEARMAN, S

EDP 384N PRAC IN COUNSELOR EDUCATION
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 10875 T 400 - 700P SZB 278 WEBSTER, L

EDP 384Q PRACTICUM IN COUNSELING
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 10880 W 400 - 700P SZB 268 WEBSTER, L
• 10885 W 400 - 700P SZB 416 ROCHLEN, A

EDP 384V ADVANCED PRACTICUM
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.
• 10890 M 100 - 400P SZB 432 GRAY, J

EDP 385C ADVNCD CONSLT/COLLAB/SUPERV
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 10895 M 100 - 400P SZB 240 CARLSON, C

6-ADV ETHICS/PROF ISS: COUNSEL
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Examines the professional roles and practices for counselors, including records management, an overview of business/family law and professional practice, and the study of current board rules. Educational Psychology 381 (Topic 22: Professional Issues in Counseling), 481 (Topic 22: Professional Issues in Counseling) and 385C (Topic 6) may not both be counted. Prerequisite: Graduate standing.
• 10900 TH 400 - 700P SZB 268 MOORE, L

12-ACAD/STDNT AFF IN HIGHER ED
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Designed to cover subjects related to the organization and structure of settings of higher education and strategies for promoting the development of post-secondary students. Educational Psychology 381 (Topic 34), 481 (Topic 34) and 385C (Topic 12) may not both counted. Prerequisite: Graduate standing.
• 10905 TH 100 - 400P SZB 268 BROWNSON, C

EDP 386Q PRAC POST-SECONDARY TEACHNG
May be repeated for credit.
• 10910

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.
• 10915

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.
• 10920

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.
• 10925

EDP 194 4-DOCTORAL RESEARCH 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 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.
• 10930 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.
• 10935 M 1200 - 100P SZB 268 STARK, K

8-HMN DEV/CUL/LRN SCI COLLOQ
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. Re-

course	unique	days	time	room	instructor

quired of doctoral student specializing in human development, culture,and learning sciences. Prerequisite: Graduate standing and consent of the adviser in the student's area of specialization.

• 10940	M	1200 - 100P	SZB 444	AWAD, G

EDP 194N INTERNSHIP IN COUNSELING PSYCH

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit.

• 10945

EDP 394N INTERNSHIP IN COUNSELING PSYCH

Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit.

• 10950

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.

• 10955

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.

• 10960

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.

• 10965

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.

• 10970

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.

• 10975

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.

• 10980

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.

• 10985

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.

• 10990

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.

• 10995

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.

• 11000

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.

• 11005

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.

• 11060	TTH	930 - 1100	BEL 602A	PINEDO BANUELOS, M
• 11064	TTH	1100 - 1230P	BEL 962	SPAULDING, C

HED 627L FIELDWORK IN HEALTH PROMOTION

Additional hour(s) to be arranged. Applied experiences in development, delivery, or evaluation of professional health promotion programs. No more than twelve semester hours in the following courses may be counted: Health Education 127L, 227L, 327L, 627L, Kinesiology 127L, 227L, 327L, 627L. The six-hour fieldwork/internship will require 270 hours overall or about 20 hours per week. Restricted to health education and kinesiology majors. Prerequisite: Upper-division standing, consent of the instructor, and a University grade point average of at least 2.50. meets with KIN 627F (TOPIC 1), KIN 627F (TOPIC 2).

• 11065	T	800 - 930	BEL 858	STANFORTH, M

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.

• 11070	TTH	200 - 330P	RLP 0.130	LATIMER, L

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).

• 11075	TTH	1230 - 200P	BEL 962	PASCH, K

HED 350 THRY HLTH PROMO/BEHAV SCI

Designed to accommodate 35 or fewer students. 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.

• 11080	TTH	1230 - 200P	BEL 602A	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.

• 11085	TTH	200 - 330P	BEL 602A	NYDEGGER, L

HED 365 SOCL DTRMNTS HLTH/DISPARITY

Explores social determinants of health and health disparities, as well as strategies to reduce them. Restricted to health education and kinesiology majors. Prerequisite: Upper-division standing.

• 11090	TTH	330 - 500P	BEL 602A	MASLOWSKY, J

HED 366 HUMAN SEXUALITY

Analysis of the physiological, psychological, and social factors in human sexuality. meets with WGS 335.

• 11095	MWF	1100 - 1200	BEL 858	JOWERS, E

HED 373 EVALUATION AND RESEARCH DESIGN

Additional hour(s) to be arranged. Fosters a knowledge and understanding of the research process and uses this knowledge to plan and evaluate health promotion programs. Subjects include types of experimental and non-experimental research, validity, reliability, experimental and quasi-experimental research designs, data collection procedures, measurement of health knowledge, attitudes and behaviors, data analysis, and the presentation of results. Restricted to health promotion students. Prerequisite: Upper-division standing.

• 11100	TTH	930 - 1100	BEL 962	JOWERS, E

HED 178E 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. Restricted to students in the University Health Services program. Restricted to students in the Healthyhorns Peer Educator program. Prerequisite: Consent of instructor.

• 11105	TH	500 - 600P	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.

• 11110	TH	400 - 515P	SSB 5.218	EMERY, M

3-CLINIC VOLUNTEER PROGRAM

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 University Health Services Clinical Volunteer Program. Prerequisite: Consent of instructor.

• 11115	T	530 - 700P	SSB G1.310	MOSTELLER, K

10/11/2013

course	unique	days	time	room	instructor

HED 395 7-FOUNDATIONS OF EPIDEMIOLOGY
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.

• 11120	T	100 - 400P	BEL 710A	PINEDO BANUELOS, M

20-ADULT DEVEL, AGING, & 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. Overview of current research and theory in the study of adult development, aging, and health. Considers the interaction of biological, psychological, and social factors in health and well-being. Prerequisite: Graduate standing. meets with KIN 395 (TOPIC 51), WGS 393.

• 11125	TH	100 - 400P	BEL 710B	HOLAHAN, C

21-RISK & RESIL IN CHILD/ADOL
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 theories and methods of child and adolescent risk and resilience. Examines resilience processes in populations at elevated risk for negative outcomes and explores how empirical research contributes to the development of programs aimed at strengthening resilience in at-risk youth. Prerequisite: Graduate standing.

• 11130	M	900 - 1200	BEL 710B	LOUKAS, A

28-SOCIAL DETERMINANTS OF 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. Introduces the social factors/determinants that influence health, including: race, class, education, family, neighborhood, media, global influences, immigration, and gender. Theoretical and methodological approaches to the study of social determinants will be discussed from a social ecological perspective. Prerequisite: Graduate standing.

• 11135	W	1000 - 100P	BEL 710A	PASCH, K

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.

• 11140	F	200 - 300P	BEL 710B	NYDEGGER, L

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.
• 11145

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.
• 11150

HED 697P GRADUATE INTERNSHIP
Hour(s) to be arranged. Supervised practice in a professional organization or institution. May be repeated for credit by doctoral students. Prerequisite: Graduate standing and admission by internship committee. Partially taught as a Web-based course.
• 11155

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. Partially taught as a Web-based course.
• 11160

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. Partially taught as a Web-based course.
• 11165

HED 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form. Partially taught as a Web-based course.
• 11170

HED 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form. Partially taught as a Web-based course.
• 11175

HED 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form. Partially taught as a Web-based course.
• 11180

HED 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Health Education 399R, 699R, or 999R; and written consent form. Partially taught as a Web-based course.
• 11185

HED 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Health Education 399R, 699R, or 999R; and written consent form. Partially taught as a Web-based course.
• 11190

HED 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Health Education 399R, 699R, or 999R; and written consent form. Partially taught as a Web-based course.
• 11195

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.

• 11250	TTH	1230 - 200P	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).

• 11255	T	530 - 800P	TSC POOL	CROWLEY, D

KIN 311K SPORT PSYCHOLOGY
Through the materials presented in this course, become familiar with thefundamental principles of sport and social psychology and their impact on sports performance and athlete well-being. Develop life-skills, such as, self-regulation, productive responses to adversity, stress-management, the setting of goals and achieving them, interpersonal communication, and leadership.

• 11260	MWF	100 - 200P	UTC 3.122	GNAGY, E

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.

• 11265	MWF	800 - 900	BEL 404A	FARR, B

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.

• 11270	MWF	300 - 400P	SZB 278

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.

• 11275	MW	300 - 400P	GAR 0.102	BOWERS, M
	F	1000 - 1100	BEL 326C	
• 11280	MW	300 - 400P	GAR 0.102	BOWERS, M
	F	1100 - 1200	BEL 326C	
• 11285	MW	300 - 400P	GAR 0.102	BOWERS, M
	W	1200 - 100P	BEL 326C	
• 11290	MW	300 - 400P	GAR 0.102	BOWERS, M
	W	100 - 200P	BEL 326C	
• 11295	MW	300 - 400P	GAR 0.102	BOWERS, M
	F	100 - 200P	BEL 326C	
• 11300	MW	300 - 400P	GAR 0.102	BOWERS, M
	F	200 - 300P	BEL 326C	

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). Observation of children's movement programs taught in Austin-area school districts.

• 11305	MW	200 - 300P		CASTELLI, D
	F	1200 - 100P	BEL 302	
• 11310	MW	200 - 300P		CASTELLI, D
	F	100 - 200P	BEL 302	
• 11315	MW	200 - 300P		CASTELLI, D
	F	200 - 300P	BEL 302	

KIN 119 8-SWIMMING
Designed to accommodate 35 or fewer students. 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

10/1/2025

course unique days time room instructor

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).

- 11320 TTH 900 - 1030 TSC POOL CROWLEY, D

8-SWIMMING

Designed to accommodate 35 or fewer students. 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).

- 11325 TTH 1000 - 1130 TSC POOL CROWLEY, D
- 11330 TTH 1100 - 1230P TSC POOL CROWLEY, D

10-CONDITIONING

Designed to accommodate 35 or fewer students. 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.

- 11335 TTH 400 - 530P STD 3.202 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).

- 11340 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).

- 11345 TTH 1200 - 130P BEL 628 ENGE, N
- 11350 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 PED 103L (TOPIC 1), KIN 119 (TOPIC 16), PED 103L (TOPIC 7).

- 11355 TTH 1200 - 130P BEL 628 ENGE, N
- 11360 TTH 100 - 230P BEL 628 ENGE, N

20-SOCIAL DANCE: FOLLOWS

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 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).

- 11365 F 1200 - 300P 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.

- 11370 MW 900 - 1030 GRE 1.104 RICH, G

3-INTRO TO ATHLETIC TRAINING

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Knowledge and skills required for officials, coaches, and athletic trainers of interschool sports. Designed for athletic training majors. An introduction to athletic training principles and theories, including the prevention, recognition,and management of athletic injuries and illnesses. Includes basic skill development in areas such as first aid, emergency care, and supportive taping, wrapping, and bracing. Requires completion of a one-day CPR and AED (BLS) course outside of class time. Prerequisite: Varies with the topic.

- 11375 TTH 1100 - 1230P BEL 404A HANNAH, C
  TH 1230 - 130P BEL 404A

3-INTRO TO ATHLETIC TRAINING

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. Knowledge and skills required for officials, coaches, and athletic trainers of interschool sports. Designed for athletic training majors. An introduction to athletic training principles and theories, including the prevention, recognition,and management of athletic injuries and illnesses. Includes basic skill development in areas such as first aid, emergency care, and supportive taping, wrapping, and bracing. Requires completion of a one-day CPR and AED (BLS) course outside of class time. Prerequisite: Varies with the topic.

- 11380 TTH 1100 - 1230P BEL 404A HANNAH, C
  T 1230 - 130P BEL 404A

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.

- 11385 TTH 1100 - 1230P GRE 3.108 RICH, G

KIN 320

APPLD BIOMECHS OF HUMAN MOVMNT

Designed to provide students with an understanding of applied scientificanalysis of movement. Examines the physiological, structural, and mechanical bases for human movement, with examples drawn from sport and rehabilitation. Lectures concentrate on a scientific approach to mechanisms underlying human movement and to strategies and practices of clinical and sport applications. Laboratory sessions focus on both theoretical and applied aspects of selected mechanical concepts. Prerequisite: Kinesiology 424K and Mathematics 305G, 408K, 408C, or 408N.

- 11390 TTH 200 - 330P BEL 858 SMITH, D
  TH 930 - 1100 BEL 546F
- 11395 TTH 200 - 330P BEL 858 SMITH, D
  TH 1100 - 1230P BEL 546F
- 11400 TTH 200 - 330P BEL 858 SMITH, D
  W 400 - 530P BEL 546F

KIN 321M

MOTOR DEVEL AND PERFORMANCE

Additional 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.

- 11405 TTH 1100 - 1230P BEL 858 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.

- 11410 TTH 200 - 300P BEL 962 STANFORTH, P
  T 300 - 600P BEL 902
- 11415 TTH 200 - 300P BEL 962 STANFORTH, P
  TH 300 - 600P BEL 902
- 11420 TTH 200 - 300P BEL 962 STANFORTH, P
  M 500 - 800P BEL 902

KIN 424K

APPLIED HUMAN ANATOMY

Designed to accommodate 100 or more students. 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.

- 11425 MWF 1000 - 1100 UTC 3.134 GRIFFIN, L
  M 200 - 400P BEL 404A
- 11430 MWF 1000 - 1100 UTC 3.134 GRIFFIN, L
  T 200 - 400P BEL 404A
- 11435 MWF 1000 - 1100 UTC 3.134 GRIFFIN, L
  W 200 - 400P BEL 404A
- 11440 MWF 1000 - 1100 UTC 3.134 GRIFFIN, L
  TH 200 - 400P BEL 404A

course	unique	days	time	room	instructor
	• 11445	MWF	1000 - 1100	UTC 3.134	GRIFFIN, L
		M	500 - 700P	BEL 404A	
	• 11450	MWF	1000 - 1100	UTC 3.134	GRIFFIN, L
		T	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.

• 11455	TTH	1100 - 1230P	RLP 0.128	TANAKA, H
	T	900 - 1030	BEL 902	
• 11460	TTH	1100 - 1230P	RLP 0.128	TANAKA, H
	TH	900 - 1030	BEL 902	
• 11465	TTH	1100 - 1230P	RLP 0.128	TANAKA, H
	M	1000 - 1130	BEL 902	
• 11470	TTH	1100 - 1230P	RLP 0.128	TANAKA, H
	M	1130 - 100P	BEL 902	
• 11475	TTH	1100 - 1230P	RLP 0.128	TANAKA, H
	T	100 - 230P	BEL 902	
• 11480	TTH	1100 - 1230P	RLP 0.128	TANAKA, H
	M	200 - 330P	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.

• 11485	MW	900 - 1030	STD 3.202	BECKWITH, K

KIN 326K BIOMECH ANLY OF MOVEMENT

Additional hour(s) to be arranged. 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.

• 11490	TTH	930 - 1100	BEL 602B	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.

• 11495

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.

• 11500

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.

• 11505

KIN 627F 1-INTERNSHIP IN HEALTH FIT

Additional 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. meets with HED 627L, KIN 627F (TOPIC 2).

• 11510	T	800 - 930	BEL 858	STANFORTH, M

2-INTERNSHIP IN MEDICAL FIT

Additional 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. meets with HED 627L, KIN 627F (TOPIC 1).

• 11515	T	800 - 930	BEL 858	STANFORTH, M

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. Taught working with local sport teams in Austin, Texas and surrounding areas.

• 11520				SPARVERO, E

KIN 227J FIELDWORK: OFF CAMPUS

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. Taught at Austin-area fitness centers in Austin, Texas and surrounding areas.

• 11525				FREYTAG, M

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.

• 11530				FREYTAG, M

KIN 127K 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.

• 11535

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.

• 11540

KIN 227R 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.

• 11545

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.

• 11550

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 or minors. 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

• 11555				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 or minors. 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.

• 11560	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 or minors. 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.

• 11565

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 or minors. 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.

• 11570				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

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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. Partially taught as a Web-based course.

• 11575	T	800 - 900	BEL 710B	SPARVERO, E

KIN 328C INTERNSHIP IN SPORT MGMT

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 followingmay 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.

• 11580	T	900 - 1000	BEL 628	BOWERS, M

KIN 330E SPORT NUTRITION

Explore the nutritional needs of people whose physical activity ranges from recreational to elite athletes. Develop practical dietary strategies based upon understanding how macronutrients, vitamins, minerals, water, and dietary supplements are digested and absorbed and how they effect metabolism.

• 11585	TTH	1230 - 200P	CBA 4.330	COYLE, E

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.

• 11590	MW	1000 - 1130	GRE 1.104	STANFORTH, M
	M	800 - 930	RSC 1.138	
	F	1000 - 1130	RSC 1.106	
• 11595	MW	1000 - 1130	GRE 1.104	STANFORTH, M
	T	800 - 930	RSC 1.138	
	F	1000 - 1130	RSC 1.106	

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.

• 11600	MW	1000 - 1100	BEL 602A	ABRAHAM, L
	F	900 - 1030	BEL 546F	
• 11605	MW	1000 - 1100	BEL 602A	ABRAHAM, L
	F	1030 - 1200	BEL 546F	
• 11610	MW	1000 - 1100	BEL 602A	ABRAHAM, L
	F	1200 - 130P	BEL 546F	
• 11615	MW	1000 - 1100	BEL 602A	ABRAHAM, L
	TH	330 - 500P	BEL 546F	

MOTOR LEARNING

Laboratory hour(s) to be arranged. 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.

• 11620	MW	1000 - 1100	BEL 602A	ABRAHAM, L
	TH	200 - 330P	BEL 546F	

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.

• 11625	MWF	1100 - 1200	BEL 962	ABRAHAM, L

KIN 338 MOTOR DEVELOPMENT & ASSESSMENT

Training in screening, diagnostic, and programmatic motor assessment instruments. Designed to give students practical experience in assessingphysical and motoric development in children with and without disabilities. Prerequisite: Kinesiology 321M; Kinesiology 360 topic 9 is recommended.

• 11630	TTH	1100 - 1230P	BEL 710B	BUCHANAN, P

KIN 140D PRAC ATHLET TRAINING: LEVEL 1B

Additional hour(s) to be arranged. Supervised clinical experiences in the application of concepts, theories, and techniques associated with the prevention, recognition, immediate care, and treatment of injuries and illnesses suffered by athletic and physically active populations. Emphasizes the application of therapeutic modalities and soft-tissue therapy 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 a clinical preceptor. Prerequisite: Consent of instructor.

• 11635	M	700 - 800	BEL 404A	HANNAH, C

KIN 140F PRAC ATHLET TRAINING: LEVEL 2B

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 therapeutic exercise and rehabilitation procedures. Students use cognitive, psychomotor, and affective skills and knowledge to complete a prescribed set of educational competencies and clinical proficiencies under the direction of a clinical preceptor. Prerequisite: Consent of instructor.

• 11640	T	700 - 800	BEL 404A	HANNAH, C

KIN 140J PRAC IN ATH TRAINING: LEVEL 3B

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 the administrative and professional aspects of managing these conditions. Students use cognitive psychomotor and affective skills and knowledge to complete a prescribed set of education competencies and clinical proficiencies under the direction of a clinical preceptor. Prerequisite: Consent of instructor.

• 11645	TH	930 - 1030	BEL 844	HANNAH, C

KIN 140S SR SEMINAR IN ATHLETIC TRNG

May be repeated for credit. Designed for athletic training majors. Explores the study and practice of reviewing and applying research findings and evidence based practice concepts to ask and answer clinically relevant questions affecting clinical practice for athletic trainers. Prerequisite: Enrollment in the Athletic Training Program or consent of instructor.

• 11650	T	930 - 1030	BEL 710A	HANNAH, C

KIN 342 CLIN EVAL ATH INJR TO LWR BODY

Restricted enrollment; contact the department for permission to register for this class. Designed for athletic training majors. The study and practice of techniques involved in the evaluation of athletic injuries affecting thelower body. Prerequisite: For non-athletic training majors, consent of instructor.

• 11655	MWF	1000 - 1100	BEL 404A	FARR, B
	W	1100 - 1200	BEL 844	

KIN 343 CLIN EVAL ATH INJR IN UPR BODY

Restricted enrollment; contact the department for permission to register for this class. Designed for athletic training majors. The study and practice of techniques involved in the evaluation of athletic injuries affecting theupper body. Prerequisite: For non-athletic training majors, consent of instructor.

• 11660	MWF	900 - 1000	BEL 404A	FARR, B
	M	1100 - 1200	BEL 844	

KIN 345 GEN MED COND IN ATHL TRAINING

Restricted enrollment; contact the department for permission to register for this class. Designed for athletic training majors. Presentations, including some by medical and allied medical specialists, covering topics in athletic training and sports medicine. Prerequisite: For non-athletic training majors, consent of instructor.

• 11665	TTH	800 - 930	BEL 844	HANNAH, C
	M	800 - 900	BEL 844	

KIN 347 HIST/ETH ISS IN PHYS CUL/SPORT

Designed to accommodate 100 or more students. 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.

• 11670	TTH	1230 - 200P	PAI 3.02	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.

• 11675	TTH	1100 - 1230P	BEL 326C	BECKWITH, K

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.

• 11680	TTH	1100 - 1230P	BEL 602B	OZYURTCU, T

KIN 352K ADAPTED FITNESS/RECREATION

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.

• 11685	TTH	930 - 1100	BEL 326C	BUCHANAN, P

HISTORY PHYSICAL CULTURE

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.

• 11690	TTH	1230 - 200P	SZB 330	TODD, J

PRSP ASSISTV DEV/PRDCT/TECH

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. Topic title: Perspectives in Assistive Devices, Products, and Technology.

• 11695	T	300 - 600P	BEL 602B	BUCHANAN, P

course unique days time room instructor

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.
• 11700 MWF 100 - 200P SZB 278 BRYANT, L

SPT, SOC, INT'L OLYMPIC MT-SUI
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.
• 11705 HUNT, T

5-SPORT, FITNESS, & MASS MEDIA
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.
• 11710 MWF 900 - 1000 BEL 858

6-RACE/SPORT IN AFR AMER LIFE
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. Only one of the following may be counted: African and African Diaspora Studies 372E (Topic 19), 374 (Topic 27), Anthropology 324L (Topic 26), Kinesiology 352K (Topic 6) Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AFR 372E (TOPIC 19), ANT 324L (TOPIC 26).
• 11715 TTH 930 - 1100 MEZ 1.102 KELLY, D

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.
• 11720 TTH 1230 - 200P BEL 602B

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.
• 11725 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.
• 11730 MW 1100 - 1230P BEL 602A SWANSON, D

KIN 356 REVENUE AND BUDGETING IN SPORT
Introduction to financial analysis and budgeting techniques in the context of sport organizations; conventional and innovative methods for the acquisition of revenue available to sport organizations. Restricted to students in the Bachelor of Science in Kinesiology and Health with a major in sport management.
• 11735 MWF 900 - 1000 BEL 602B SPARVERO, E

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 subdisciplines 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.
• 11740 M 100 - 300P BEL 602B BOWERS, M
W 100 - 200P BEL 602B
• 11745 M 100 - 300P BEL 602B BOWERS, M
W 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.
• 11750 TTH 1230 - 200P BEL 326C BUCHANAN, P

KIN 361 COACHING THRY & PRINCIPLES I
Examines the philosophy, ethics, strategies, motivational techniques, performance analysis, program organization, contest administration, and facilities management related to coaching. Prerequisite: Kinesiology 312.
• 11755 TTH 930 - 1100 BEL 858 SANDERS, M

KIN 362 COACHING THRY & PRINCIPLES II
Examines the process of becoming a successful coach and developing a coaching protocol for a specific sport. Prerequisite: Kinesiology 361
• 11760 MW 1100 - 1230P BEL 602B SANDERS, M

KIN 379H HONORS TUTORIAL COURSE
Hour(s) to be arranged. May be repeated for credit. Readings or a research project, under the supervision of a faculty member, in specific areas of research within kinesiology. Prerequisite: A University grade point average of at least 3.00 and consent of instructor.
• 11765

KIN 386 1-RSCH METHS: PROPOSAL 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. Required of all candidates for the master's degree in kinesiology with thesis or report. Prerequisite: Graduate standing. Additional prerequisite: Educational Psychology 371 or an equivalent introductory statistics course with a grade of at least C.
• 11770 M 1100 - 200P BEL 710A

KIN 395 ENVIRONMENTAL PHYSIOLOGY
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.
• 11775 T 200 - 500P BEL 710B LALANDE, S

EXERCISE AS MEDICINE
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.
• 11780 TH 100 - 400P BEL 710A STONE, A

LEADERSHIP IN SPORT-WB
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. Taught as a Web-based course.
• 11785 OZYURTCU, T

PHYSIOLOGICAL ASPECTS OF EXER
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.
• 11790 W 400 - 700P BEL 710B BARTHOLOMEW, J

8-MOTOR CNTRL: NEUROMUSCL BASE
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 336 or consent of instructor.
• 11795 M 1200 - 300P BEL 546F GRIFFIN, L

16-CARDIOVAS RESP TO EXERCISE
Designed to accommodate 35 or fewer students. 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.
• 11800 MW 230 - 400P BEL 710A TANAKA, H

29-ETHICS 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.
• 11805 T 500 - 800P BEL 326C OZYURTCU, T

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.
• 11810

42-FACILITY & EVENT MANAGEMENT
Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Management and operation of sport, recreation, convocation, convention, and other public assembly facilities. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 11815 TH 200 - 500P BEL 326C SWANSON, D

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.
• 11820

49-SPORTS NUTRITION
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. The nutritional needs of people whose physical activity ranges from recreational to elite competitive athletics. Development of practical dietary strategies that recognize the unique nature of sport and the role of diet in promoting optimal physiological adaptation to training. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Kinesiology 325K or consent of instructor.
• 11825 W 1000 - 100P COYLE, E

51-ADULT DEVEL, AGING, & HLTH
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 20), WGS 393.
• 11830 TH 100 - 400P BEL 710B HOLAHAN, C

10/11/2018

course	unique	days	time	room	instructor

59-BIOMECHS IN CLINCL SETTINGS
Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Designed to provide students with the basic biomechanical competence required to understand how normal human movements are generated, how movements are altered by injury or pathology, and how clinical intervention can improve performance. Prerequisite: Graduate standing; additional prerequisites vary with the topic. Additional prerequisite: Kinesiology 324K and 326K, or the equivalent.

• 11835	MW	930 - 1100	BEL 546F	HSIAO, H

60-SPORT POLICY
Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. The formulation and analysis of sport policies: the uses of policy analysis in sport settings; environmental, economic, and sociopolitical impacts of sport, including policy implications. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 11840	M	500 - 800P	BEL 326C	SPARVERO, E

65-SPORT 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.

• 11845	T	900 - 1200	CBA 4.338	BOWERS, M

75-SPORT AND INTL RELATIONS
Course number may be repeated for credit when the topics vary. Graduate seminar in topics related to specialization areas. Examines the relationship between sport and international relations. Prerequisite: Graduate standing; additional prerequisites vary with the topic.

• 11850	W	1000 - 100P	BEL 710B	HUNT, T

77-STRATEGIC MGMT IN SPORT-WB
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.

• 11855				BOWERS, M

KIN 296T DIRECTED RESEARCH
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.
• 11860

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. Partially taught as a Web-based course.
• 11865

KIN 197 RESEARCH PROBLEMS
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Individual or group research topics in a specialization area of kinesiology. Prerequisite: Graduate standing and written consent form.

• 11869	W	430 - 530P	BEL 1005	ABRAHAM, L

KIN 397 RESEARCH PROBLEMS
May be repeated for credit. Individual or group research topics in a specialization area of kinesiology. Prerequisite: Graduate standing and written consent form.
• 11870

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. Partially taught as a Web-based course.
• 11875

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.

• 11880				BARTHOLOMEW, J

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. Partially taught as a Web-based course.
• 11885

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. Partially taught as a Web-based course.
• 11890

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. Partially taught as a Web-based course.
• 11895

KIN 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form. Partially taught as a Web-based course.
• 11900

KIN 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form. Partially taught as a Web-based course.
• 11905

KIN 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and written consent form. Partially taught as a Web-based course.
• 11910

KIN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Kinesiology 399R, 699R, or 999R; and written consent form. Partially taught as a Web-based course.
• 11915

KIN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Kinesiology 399R, 699R, or 999R; and written consent form. Partially taught as a Web-based course.
• 11920

KIN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Kinesiology 399R, 699R, or 999R; and written consent form. Partially taught as a Web-based course.
• 11925

PED 101J 1-BEGINNING SWIMMING I
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Elementary physical and mental adjustments, four basic strokes, water safety. For nonswimmers.

• 11980	TTH	200 - 330P	GRE POOL	CROWLEY, D

2-BEGINNING SWIMMING II
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Five basic strokes, elementary diving, water safety. For well-adjusted but weak swimmers.

• 11985	TTH	330 - 500P	GRE POOL	CROWLEY, D

5-STROKE TECH & FITNESS SWIM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary.

• 11990	TTH	800 - 930	TSC POOL	CROWLEY, D

5-STROKE TECH & FITNESS SWIM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. meets with KIN 119 (TOPIC 8).

• 11995	TTH	900 - 1030	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).

• 12000	TTH	1200 - 130P	BEL 628	ENGE, N
• 12005	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).

• 12010	TTH	200 - 330P	BEL 402	ENGE, N
• 12015	TTH	300 - 430P	BEL 402	ENGE, N

10/11/2018

course	unique	days	time	room	instructor

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).

• 12020	TTH	1200 - 130P	BEL 628	ENGE, N
• 12025	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).

• 12030	TTH	200 - 330P	BEL 402	ENGE, N
• 12035	TTH	300 - 430P	BEL 402	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.

• 12040	TTH	930 - 1100	BEL 348	SANDERS, M
• 12045	MW	1000 - 1130	BEL 348	SANDERS, M

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 1).

• 12050	MW	900 - 1030	BEL 628	SANDERS, M

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).

• 12055	TTH	1100 - 1230P	BEL 348	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.

• 12060	TTH	930 - 1100	RSC COURTS	LEE, C

PED 105C 1-BEGINNING HANDBALL

Course number may be repeated for credit when the topics vary. For the nonplayer.

• 12065	TTH	1100 - 1230P	GRE COURTS	LEE, C
• 12070	TTH	200 - 330P	GRE COURTS	LEE, C

1-BEGINNING HANDBALL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. For the nonplayer.

• 12075	MW	1100 - 1230P	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.

• 12080	MW	200 - 330P	GRE COURTS	LEE, C

PED 105R 1-BEGINNING KARATE/TAE KWON DO

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Includes self-defense. Prerequisite: No experience required.

• 12085	MW	900 - 1030	BEL 904	YOON, S
• 12090	TTH	900 - 1030	BEL 904	YOON, S
• 12095	MW	1000 - 1130	BEL 904	YOON, S
• 12100	MW	1100 - 1230P	BEL 904	YOON, S

2-INTERMED KARATE/TAE KWON DO

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Includes self-defense. Additional prerequisite: Karate/Taekwondo experience.

• 12105	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.

• 12110	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.

• 12115	TTH	1000 - 1130	BEL 904	YOON, S

PED 106C SOCCER

Course number may be repeated for credit when the topics vary.

• 12120	TTH	1000 - 1130	RSC 2.200	RICH, G

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.

• 12125	TTH	1030 - 1200	TSC POOL	CROWLEY, D

1-SWIM CONDITIONING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Additional prerequisite: Comfortable in deep water and able to swim 50 yards.

• 12130	TTH	830 - 1000	TSC POOL	CROWLEY, D
• 12135	TTH	930 - 1100	TSC POOL	CROWLEY, D
• 12140	TTH	1130 - 100P	TSC POOL	CROWLEY, D
• 12145	TTH	1200 - 130P	TSC POOL	CROWLEY, D

1-SWIM CONDITIONING

Designed to accommodate 35 or fewer students. 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).

• 12150	TTH	1000 - 1130	TSC POOL	CROWLEY, D
• 12155	TTH	1100 - 1230P	TSC POOL	CROWLEY, D

2-CARDIOVAS & WEIGHT TRAINING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. meets with PED 106C (TOPIC 7).

• 12160	MW	800 - 930	RSC 1.136	MCLAGAN, N
• 12165	TTH	800 - 930	RSC 1.136	MCLAGAN, N
• 12170	MW	900 - 1030	RSC 1.136	MCLAGAN, N
• 12175	TTH	900 - 1030	RSC 1.136	MCLAGAN, N
• 12180	MW	1000 - 1130	RSC 1.136	MCLAGAN, N
• 12185	TTH	1000 - 1130	RSC 1.136	MCLAGAN, N
• 12190	MW	1100 - 1230P	RSC 1.136	MCLAGAN, N
• 12195	TTH	1100 - 1230P	RSC 1.136	MCLAGAN, N

3-AEROBIC WALKING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary.

• 12200	TTH	930 - 1100	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.

• 12205	MW	1200 - 130P	RSC 1.106	MCLAGAN, N
• 12210	TTH	1230 - 200P	RSC 1.106	MCLAGAN, N

6-CIRCUIT AEROBICS

Course number may be repeated for credit when the topics vary.

• 12215	MW	830 - 1000	RSC 1.106	MCLAGAN, N
• 12220	MW	1000 - 1130	RSC 1.106	MCLAGAN, N
• 12225	TTH	1100 - 1230P	RSC 1.106	MCLAGAN, N

7-WEIGHT TRAINING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary.

• 12230	MW	1200 - 130P	STD 3.202	BECKWITH, K
• 12235	TTH	1200 - 130P	STD 3.202	BECKWITH, K
• 12240	MW	100 - 230P	STD 3.202	BECKWITH, K
• 12245	TTH	100 - 230P	STD 3.202	BECKWITH, K
• 12250	MW	200 - 330P	STD 3.202	BECKWITH, K
• 12255	TTH	200 - 330P	STD 3.202	BECKWITH, K
• 12260	MW	300 - 430P	STD 3.202	BECKWITH, K
• 12265	TTH	300 - 430P	STD 3.202	BECKWITH, K

7-WEIGHT TRAINING

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. meets with PED 106C (TOPIC 2).

• 12270	MW	800 - 930	RSC 1.136	BECKWITH, K
• 12275	TTH	800 - 930	RSC 1.136	BECKWITH, K
• 12280	MW	900 - 1030	RSC 1.136	BECKWITH, K
• 12285	TTH	900 - 1030	RSC 1.136	BECKWITH, K
• 12290	MW	1000 - 1130	RSC 1.136	BECKWITH, K
• 12295	TTH	1000 - 1130	RSC 1.136	BECKWITH, K
• 12300	MW	1100 - 1230P	RSC 1.136	BECKWITH, K
• 12305	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.

• 12310	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.

• 12315	MW	1000 - 1130	BEL 302	MCLAGAN, N

3-ADVANCED RUNNING

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 12320	MW	900 - 1030	BEL 302	MCLAGAN, N

PED 107D 1-BEGINNING GOLF

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary.

• 12325	TTH	900 - 1030	BEL 348	GNAGY, E
• 12330	MW	1000 - 1130	BEL 628	GNAGY, E
• 12335	TTH	1000 - 1130	BEL 348	GNAGY, E
• 12340	MW	1100 - 1230P	BEL 628	GNAGY, E

Draft 1/25/10

course	unique	days	time	room	instructor

1-BEGINNING GOLF
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. meets with PED 104P (TOPIC 1).
• 12345 MW 900 - 1030 BEL 628 GNAGY, E

2-INTERMEDIATE GOLF
Designed to accommodate 35 or fewer students. 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.
• 12350 T 200 - 530P 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).
• 12355 MW 800 - 930 BEL 628 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).
• 12360 TTH 1100 - 1230P BEL 348 GNAGY, E

PED 108C 2-INTERMEDIATE BASKETBALL
Course number may be repeated for credit when the topics vary. For those with some skills in the game.
• 12365 TTH 930 - 1100 GRE 3.114 RICH, G

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.
• 12370 MW 800 - 930 GRE 3.114 RICH, G
• 12375 TTH 800 - 930 GRE 3.114 RICH, G
• 12380 MW 930 - 1100 GRE 3.114 RICH, G

PED 108J 1-BEGINNING POWER VOLLEYBALL
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. For those with few or no volleyball skills.
• 12385 MW 1000 - 1130 GRE 3.108 RICH, G

2-INTERMED POWER VOLLEYBALL
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. For those with good basic skills: bump, set, spike, serve.
• 12390 TTH 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.
• 12395 MW 1200 - 130P GRE 1.104 RICH, G

SCIENCE

Science - SCI

SCIENCE AND MATHEMATICS EDUCATION

Science-Mathematics Education - SME

DEPARTMENT OF SPECIAL EDUCATION

Special Education - SED

SED 332 FIELD EXPERIENCES IN SPEC EDUC
Additional hour(s) to be arranged. Observation and participation in a variety of educational settings that serve children with disabilities. Required for all undergraduate students seeking special education certification.
• 12450 W 900 - 1200 SZB 292 TACKETT, K

SED 337 INTERCUL COMMUNICATN & COLLAB
Basic principles of interpersonal and intergroup communication in culturally and linguistically diverse educational settings. Designed to help students understand the relationship between culture, language, and disability using a variety of formats, including discussion, dialogue, journals, simulations, case studies, and field-based assignments. Required for undergraduate students seeking special education certification. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences.
• 12455 M 430 - 730P SZB 240 COOC, N

SED 960 APPRENTICESHIP: RSCH TO PRACT
Hour(s) to be arranged. Offered on the pass/fail basis only. Supervised practicum in special education classroom teaching, conducted in cooperating schools, as part of the teacher preparation program. Consists of teaching, analysis, and evaluation. Required for undergraduate students seeking special education certification. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences. Taught at Austin-area public schools.
• 12460

SED 376 FOUNDATIONS & ISS IN SPEC EDUC
Key issues affecting decision-making and practices by special education teachers, assessment personnel, and administrators related to the treatment and education of students with disabilities. Required for students seeking special education certification.
• 12465 T 100 - 400P SZB 284 SIGAFOOS, L

SED 378D ASSMT PRAC IN AUTISM/DEVEL DIS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Assessment practices for developing and evaluating educational programs for individuals with autism and developmental disabilities. Considers the theoretical orientations that underlie the major assessment strategies, including standardized, behavioral, and informal practices. Required for students seeking special education certification. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences.
• 12470 W 130 - 430P SZB 439E WINDHAM, B

SED 378E ADV EARLY CHILDHOOD INTERVENTN
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Designed to assist students in acquiring in-depth knowledge of early childhood intervention, particularly related to services within the state of Texas, including an understanding of the legal policies related to serving young children with disabilities and their families. Required for students seeking special education certification. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences. meets with HDF 378K (TOPIC 8).
• 12475 M 500 - 800P SZB 526

SED 378S TCH INDIV WITH AUTISM/DEV DIS
Additional hour(s) to be arranged. Assessment and instructional strategies for educating students with autism and other developmental and physical disabilities. Focuses on implementation and evaluation of instructional procedures for teaching a range of adaptive behaviors, such as self-care, and communication, social, and community living skills. Required for students seeking special education certification. Prerequisite: Admission to the teacher preparation program and consent of the Office of Student Field Experiences.
• 12480 M 100 - 400P SZB 292

SED 378T 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. meets with PSY 341K, HDF 378K (TOPIC 6).
• 12485 M 500 - 800P CPE 2.212 MOYER-TRIMYER, R

TCHG MATH TO STUDNT DISABIL
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 12490 T 100 - 400P SZB 292 DOABLER, C

SED 380 INCL, DISB, DIV IN SEC SCH STG
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.
• 12495 TH 100 - 400P SZB 368 SCHALLER, J

INTL/COMPARATIVE EDUCATION
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.
• 12500 W 100 - 400P SZB 368 COOC, N

QUAL INQUIRY ON DIV/EQUITY
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.
• 12505 W 700 - 1000P SZB 284 PARK, S

SED 383 10-INTRVNTNS: READING DISABLTS
Designed to accommodate 35 or fewer students. 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. Design, implementation, and evaluation of instruction for elementary- and secondary-level students with mild to moderate disabilities who receive special education services for reading. Special Education 383 (Topic 8) and 383 (Topic 10) may not both be counted. 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.
• 12510 T 400 - 700P SZB 284 CAPIN, P

11- INTRVNTNS: MATH DISABLTS

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. Issues in the education of students with mild to moderate disabilities, including assessing students, evaluating instruction and instructional materials, and adapting and implementing instruction with an emphasis onmath. Special Education 383 (Topic 9) and 383 (Topic 11) may not both be counted. 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.

• 12515 M 400 - 700P SZB 292 POWELL, S

SED 384 COMMUNICATION INTERVENTION

Designed to accommodate 35 or fewer students. 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.

• 12520 W 400 - 700P SZB 284 LITTLE, A
• 12525 TH 400 - 700P SZB 284 SANDBANK, M
• 12529 W 700 - 1000P SZB 292 LITTLE, A

PRACT: HIGH INCIDENCE DISAB

Designed to accommodate 35 or fewer students. 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.

• 12530 W 400 - 700P UTC 1.136 MARTINEZ, J

5-ADV PRAC IN EARLY CHLDHD SED

Designed to accommodate 35 or fewer students. 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. Teaching experience with a large group of children in a center setting. Program management and evaluation procedures are applied to a total curriculum, so that the student assumes a lead teacher and/or consultant role during training. 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.

• 12535 M 700 - 1000P SZB 292 LITTLE, A

SED 388 10-ADVS IN UNDRSTND/TREAT AUT

Designed to accommodate 35 or fewer students. 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. Review of recent advances in the understanding and treatment of autism and related developmental disorders. The social forces that shape research and scientific understanding and the political forces that influence the delivery of education and related services, as well as implications for effective leadership in special education. 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.

• 12540 M 700 - 1000P SZB 368 ROJESKI, L

10-ADVS IN UNDRSTND/TREAT AUT

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. Review of recent advances in the understanding and treatment of autism and related developmental disorders. The social forces that shape research and scientific understanding and the political forces that influence the delivery of education and related services, as well as implications for effective leadership in special education. 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.

• 12545 M 400 - 700P SZB 422 ROJESKI, L
• 12550 M 400 - 700P UTC 4.114 O'REILLY, M
M 400 - 700P SZB 292

13-PRACT SEVERE/MLTPL DSBLTS

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. meets with SED 388 (TOPIC 13).

• 12555 W 400 - 700P SZB 292 FRAGALE, C
• 12560 W 400 - 700P SZB 292 FRAGALE, C

SED 389 4-LAW AND DISABILITIES

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. An examination of case law that covers definitions, equal educational opportunity, employment, accessibility, freedom of choice, freedom from residential confinement, housing and zoning restrictions, equal access to medical services, procreation, marriage, children, contracts, ownership and transfer of property, voting, and holding public office. 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.

• 12565 TH 400 - 700P SZB 292 TOSTE, J

SED 393 5-APPLD RSCH IN SED/REHAB COUN

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. Discussion of critical issues; critiques of literature; development of theories and models regarding disabling conditions. Special Education 380 and 393 may not both be counted unless the topics vary. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in education, psychology, or other behavioral sciences; and consent of instructor.

• 12570 W 100 - 400P SZB 286 PENG, P

SED 395 INDPNDNT STDY APPLIED RSRCH

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.

• 12575

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.

• 12580

7-INDEP STUDY EARLY CHLDHD SED

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.

• 12585

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.

• 12590

SED 395D LRNING DISABLTIES: READING

Course number may be repeated for credit when the topics vary. Prerequisite: Admission to an approved program of graduate study or to candidacy for the doctoral degree in education, and consent of instructor; additional prerequisites vary with the topic.

• 12594 T 400 - 700P CLEMENS, N

SED 695SB 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.

• 12595 TH 400 - 700P SZB 368 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.

• 12600

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 syn-

course	unique	days	time	room	instructor

thesis 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.
• 12605

SED 396C TRENDS AND ISSUES IN LD AND BD
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.
• 12610 W 400 - 700P SZB 368 TOSTE, J

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.
• 12615 T 400 - 700P SZB 292 FALCOMATA, T

SED 396T 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.
• 12620

8-DIR RSCH IN SEV/MULT DISABIL
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.
• 12625

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.
• 12630

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.
• 12635

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.
• 12640

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.
• 12645

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.
• 12650

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.
• 12655

SED 398T COLLEGE TEACHING IN SPEC EDUC
Required for teaching assistants and assistant instructors. Prerequisite: Graduate standing.
• 12660 W 400 - 700P UTC 1.142 BRYANT, D

SED 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 12665

SED 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 12670

SED 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 12675

SED 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Special Education 399R, 699R, or 999R.
• 12680

SED 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Special Education 399R, 699R, or 999R.
• 12685

SED 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Special Education 399R, 699R, or 999R.
• 12690

10/11/2018

COCKRELL SCHOOL OF ENGINEERING

ENGINEERING STUDIES

Engineering Studies - E S

E S 301 ENGR DESIGN/PROBLM SOLVING

Intended for non-Cockrell School of Engineering students. Introduction to the scope of engineering, foundations of engineering science, and engineering design. Prerequisite: Consent of instructor.

• 12745 TTH 800 - 930 ETC 5.132 ALLEN, D

E S 321G GLUE UNDERGRAD RESEARCH

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.

• 12750 T 330 - 500P EER 1.522 KINNEY, K

E S 222 2-EOE LEADERSHIP DEV 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. Introduction to professional practices that focus on self-awareness and in-depth discussion of leadership styles and skill development. Only one of the following may be counted unless topics vary: EngineeringStudies 122, 222, 322, 321G (or 322G), General Engineering 222. Engineering Studies 122, 222, 322 (Topic: EOE Leadership Development Seminar) and 122, 222, 322 (Topic 2) may not both be counted. Restricted to engineering students.

• 12755 TH 330 - 530P EER 1.522 SPEITEL, G

3-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. Practical applications to assess leadership and communication styles. Only one of the following may be counted unless topics vary: EngineeringStudies 122, 222, 322, 321G (or 322G), General Engineering 222. Engineering Studies 122, 222, 322 (Topic: WEP Leadership Seminar) and 122, 222, 322 (Topic 3) may not both be counted. Restricted to engineering students.

• 12760 W 300 - 500P EER 1.524 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 (SEEK) program. Taught at Austin ISD public schools.

• 12765 M 230 - 430P CRAWFORD, R
• 12770 T 230 - 430P CRAWFORD, R
• 12775 T 230 - 430P CRAWFORD, R
• 12780 W 230 - 430P CRAWFORD, R
• 12785 TH 230 - 430P CRAWFORD, R
• 12790 M 330 - 530P CRAWFORD, R
• 12795 W 330 - 530P CRAWFORD, R
• 12800 TH 330 - 530P CRAWFORD, R

SERVICE LEARNING FOR ENGINEERS

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. Taught at Austin-area schools.

• 12805 W 230 - 430P CRAWFORD, R
• 12810 TH 230 - 430P CRAWFORD, R
• 12815 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 (SEEK) program. Taught at Austin ISD public schools.

• 12820 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.

• 12825 M 200 - 500P EER 1.522 BHAT, A

E S 177 CULTRL ANLY: GLBL PRFSSNLS-WB

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Topic title: Cultural Analysis for Global Professionals. Class meets February 21-May 10. Taught as a Web-based course.

• 12830 MENDEZ, D

E S 377E INTERDISCP ENTREPRNSHP: ELECTV

Restricted enrollment; contact the department for permission to register for this class. Projects must differ significantly from those developed for Electrical Engineering 364D and 364E. 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: Computer Science 374L, 378 (Topic: Longhorn Startup), Electrical Engineering 377E, Engineering Studies 377E, Management 337 (Topic: Interdisciplinary Entrepreneurship), 337 (Topic 2). Restricted to engineering students. Prerequisite: Consent of instructor.

• 12835 TH 600 - 900P BAER, J

E S 277L PROJ DES WITH UNDRSRVD COMM

Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Focuses on design of basic infrastructure systems in developing countries. Only one of the following may be counted: Engineering Studies 277L, Civil Engineering 277K (Topic: Project Design for Underserved Communities), Mechanical Engineering 279M (Topic: Project Design for Underserved Communities). Restricted to students in the Projects for Underserved Communities program. Prerequisite: Consent of instructor.

• 12840 W 400 - 600P EER 1.522 RUMBAUGH, M
F 330 - 530P EER 1.522

E S 177M PROJ IMPLM UNDERSRVD COMMS-IND

Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Taught on location in international locations such as India, Tanzania, and Guatemala. Entails implementation of project, collecting informationfor future projects, and checking on previously completed PUC projects if applicable. Only one of the following may be counted: Engineering Studies 177M, 177 (Topic: Proj Impl Undersrvd Comms-Gua), 177 (Topic: Proj Implm UndersrvdComms-Ind), 177 (Topic: Proj Implm Undersrvd Comms-Tan), 177 (Topic: Proj Implm Undersrvd Comms-Tha), Mechanical Engineering 179M (Topic: Project Imp Underserved Commun), 179M (Topic: PUC Implementation-Intl). Restricted to students in the Projects for Underserved Communities program. Restricted to students in the Maymester Abroad Program. Class meets May 21-June 16. Taught in Chennai, India. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 12845 ELLZEY, J

PROJ IMPLM UNDERSRVD COMMS-MEX

Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Taught on location in international locations such as India, Tanzania, and Guatemala. Entails implementation of project, collecting informationfor future projects, and checking on previously completed PUC projects if applicable. Only one of the following may be counted: Engineering Studies 177M, 177 (Topic: Proj Impl Undersrvd Comms-Gua), 177 (Topic: Proj Implm UndersrvdComms-Ind), 177 (Topic: Proj Implm Undersrvd Comms-Tan), 177 (Topic: Proj Implm Undersrvd Comms-Tha), Mechanical Engineering 179M (Topic: Project Imp Underserved Commun), 179M (Topic: PUC Implementation-Intl). Restricted to students in the Projects for Underserved Communities program. Restricted to students in the Maymester Abroad Program. Class meets May 21-June 16. Taught in Puebla, Mexico. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 12850 ELLZEY, J

PROJ IMPLM UNDERSRVD COMMS-MEX

Hour(s) to be arranged. Offered on the letter-grade basis only. Taught on location in international locations such as India, Tanzania, and Guatemala. Entails implementation of project, collecting informationfor future projects, and checking on previously completed PUC projects if applicable. Only one of the following may be counted: Engineering Studies 177M, 177 (Topic: Proj Impl Undersrvd Comms-Gua), 177 (Topic: Proj Implm UndersrvdComms-Ind), 177 (Topic: Proj Implm Undersrvd Comms-Tan), 177 (Topic: Proj Implm Undersrvd Comms-Tha), Mechanical Engineering 179M (Topic: Project Imp Underserved Commun), 179M (Topic: PUC Implementation-Intl). Restricted to students in the Projects for Underserved Communities program. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 21-June 16. Taught in Oaxaca, Mexico. Students must consult with Study Abroad Pr ogram Coordinator as travel and orientation dates may be in addition to these dates.

• 12855 ELLZEY, J

PROJ IMPLM UNDERSRVD COMMS-THA

Hour(s) to be arranged. Offered on the letter-grade basis only. Taught on location in international locations such as India, Tanzania, and Guatemala. Entails implementation of project, collecting informationfor future projects, and checking on previously completed PUC projects if applicable. Only one of the following may be counted: Engineering Studies 177M, 177 (Topic: Proj Impl Undersrvd Comms-Gua), 177 (Topic: Proj Implm UndersrvdComms-Ind), 177 (Topic: Proj Implm Undersrvd Comms-Tan), 177 (Topic: Proj Implm Undersrvd Comms-Tha), Mechanical Engineering 179M (Topic: Project Imp Underserved Commun), 179M (Topic: PUC Implementation-Intl). Restricted to students in the Projects for Underserved Communities program. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to

course	unique	days	time	room	instructor

register for this class. Class meets May 21-June 16. Taught in Don Kang, Thailand. Students must consult with Study Abroa d Program Coordinator as travel and orientation dates may be in addition to these dates.

	• 12860				ELLZEY, J

E S 079M UNDERGRAD RESEARCH EXPERIENCE

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.

• 12865	W	400 - 500P	EER 1.508	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.

• 12920	MW	400 - 500P	EER 1.528	SPEITEL, G

G E 204J 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.

• 12925	MW	300 - 500P	EER 1.504	SPEITEL, G
• 12930	MW	300 - 500P	RLM 7.112	SPEITEL, G
• 12935	TTH	330 - 530P	ECJ 1.306	SPEITEL, G
• 12940	TTH	330 - 530P	JES A207A	SPEITEL, G
• 12945	TTH	330 - 530P	JES A215A	SPEITEL, G
• 12950	MW	500 - 700P	MEZ 1.210	SPEITEL, G
• 12955	MW	500 - 700P	RLM 7.112	SPEITEL, G

G E 206E SUPPL INSTRUCTION FOR CH 302

Development of problem-solving skills in the material covered in Chemistry 302. May not be counted toward any engineering degree. Restricted to engineering students. Prerequisite: Concurrent enrollment in Chemistry 302.

• 12960	MW	300 - 500P		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.

• 12965	MW	900 - 1000	EER 1.522	SPEITEL, G
• 12970	TTH	100 - 200P	EER 1.508	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.

• 12975	MW	300 - 400P	ECJ 1.304	SPEITEL, G
• 12980	TTH	100 - 200P	BEN 1.122	SPEITEL, G

G E 107D 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.

• 12985	TTH	1000 - 1100	EER 1.522	SPEITEL, G
• 12990	TTH	1100 - 1200	EER 1.522	SPEITEL, G
• 12995	TTH	1100 - 1200	MEZ B0.302	SPEITEL, G
• 13000	MW	1200 - 100P	ETC 2.132	SPEITEL, G
• 13005	TTH	100 - 200P	EER 1.528	SPEITEL, G
• 13010	MW	300 - 400P	EER 1.508	SPEITEL, G
• 13015	MW	300 - 400P	WAG 308	SPEITEL, G
• 13020	MW	400 - 500P	RLM 6.112	SPEITEL, G
• 13025	TTH	430 - 530P	EER 1.508	SPEITEL, G
• 13030	TTH	430 - 530P	EER 1.524	SPEITEL, G
• 13035	TTH	530 - 630P	EER 1.508	SPEITEL, G
• 13040	TTH	530 - 630P	EER 1.524	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.

• 13045	MW	300 - 500P	GDC 5.304	SPEITEL, G
• 13050	MW	300 - 500P	MEZ 1.122	SPEITEL, G
• 13055	TTH	330 - 530P	EER 1.504	SPEITEL, G
• 13060	MW	400 - 600P	ETC 2.102	SPEITEL, G
• 13065	MW	400 - 600P	ETC 2.132	SPEITEL, G
• 13070	MW	500 - 700P	EER 1.508	SPEITEL, G
• 13075	MW	500 - 700P	GDC 5.304	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	CMA 3.114	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.

• 13085	MW	400 - 600P	WRW 413	SPEITEL, G
• 13090	MW	600 - 800P	ECJ 1.304	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.

• 13095	MW	300 - 500P	WAG 208	SPEITEL, G
• 13100	TTH	330 - 530P	WRW 413	SPEITEL, G

DEPARTMENT OF AEROSPACE ENGINEERING AND ENGINEERING MECHANICS

Aerospace Engineering - ASE
Computational Engineering - COE
Engineering Mechanics - E M

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: Mathematics 427L, and Mechanical Engineering 310T or 320, with a grade of at least C- in each.

• 13155	MWF	1100 - 1200	JGB 2.218	MAHALINGAM, R

ASE 120K LOW-SPEED AERODYNAMICS LAB

Additional 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-.

• 13160	W	300 - 400P	RLM 5.104	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-.

• 13165	TTH	830 - 930	CPE 2.216	HUANG, R
	M	200 - 500P		
• 13170	TTH	830 - 930	CPE 2.216	HUANG, R
	W	200 - 500P		
• 13175	TTH	830 - 930	CPE 2.216	HUANG, R
	T	330 - 630P		
• 13180	TTH	830 - 930	CPE 2.216	HUANG, R
	TH	330 - 630P		
• 13185	TTH	830 - 930	CPE 2.216	HUANG, R
	M	500 - 800P		
• 13190	TTH	830 - 930	CPE 2.216	HUANG, R
	W	500 - 800P		

ASE 325LX COOPERATIVE ENGINEERING

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.

• 13195

ASE 325LY COOPERATIVE ENGINEERING

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.

• 13200

ASE 325LZ COOPERATIVE ENGINEERING

May be repeated for credit. This course covers the work period of aerospace engineering students in the Cooperative Engineering Program. The student must complete

course	unique	days	time	room	instructor

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.
• 13205

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.
• 13210

ASE 225MB COOPERATIVE ENGINEERING
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.
• 13215

ASE 125N COOPERATIVE ENGINEERING
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.
• 13220

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 Computational Engineering 311K (or Aerospace Engineering 211K or Computational Engineering 211K).

course	unique	days	time	room	instructor
ASE 330M	• 13230	TTH	800 - 930	CPE 2.206	BAKOLAS, E

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-.

course	unique	days	time	room	instructor
ASE 333T	• 13235	MWF	1100 - 1200	ECJ 1.222	LINDSAY, T
		M	1000 - 1100	JES A205A	
	• 13240	MWF	1100 - 1200	ECJ 1.222	LINDSAY, T
		W	1000 - 1100	MEZ 1.122	
	• 13245	MWF	1200 - 100P	ECJ 1.222	LINDSAY, T
		T	1100 - 1200	JES A205A	
	• 13250	MWF	1200 - 100P	ECJ 1.222	LINDSAY, T
		TH	1100 - 1200	CBA 4.340	

ASE 357 MECHANICS OF COMPOSITE MATLS
Anisotropic constitutive relationships, lamination theory, failure theories, micromechanical behavior of laminates; laminated composite plates--bending, vibration, and buckling; composite fabrication, sandwich and other composite lightweight structures. Prerequisite: Engineering Mechanics 319 with a grade of at least C-.

course	unique	days	time	room	instructor
ASE 357	• 13255	MWF	900 - 1000	ECJ 1.222	LIECHTI, K

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.

course	unique	days	time	room	instructor
ASE 361K	• 13260	TTH	200 - 330P	GDC 2.502	ZWERNEMANN, G
		TH	500 - 900P	GDC 2.402	

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.

course	unique	days	time	room	instructor
ASE 361L	• 13265	TTH	1100 - 1230P	ECJ 1.314	ZWERNEMANN, G
		W	300 - 500P	ECJ 1.314	
		W	500 - 700P	ECJ 1.314	

ASE 362K COMPRESSIBLE FLOW
Shock and expansion waves, quasi-one-dimensional flow, converging-diverging nozzles, diffusers, linearized flow, and compressibility effects on aerodynamics of airfoils and bodies. Prerequisite: Aerospace Engineering 320 with a grade of at least C-.

course	unique	days	time	room	instructor
ASE 362K	• 13270	MWF	1100 - 1200	MEZ 1.306	

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-.

course	unique	days	time	room	instructor
ASE 162M	• 13275	M	300 - 400P	RLM 5.114	MUSTA, M

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: Computational Engineering 311K (or Aerospace Engineering 211K or Computational Engineering 211K), Engineering Mechanics 311M, andMathematics 427J or 427K with a grade of at least C- in each.

course	unique	days	time	room	instructor
ASE 366K	• 13280	TTH	930 - 1100	ECJ 1.204	RUSSELL, R

ASE 366L APPLIED ORBITAL MECHANICS
Selected subjects in satellite motion and satellite applications, including communication and navigation satellites, orbit selection/design for satellite applications, orbital coordinate systems, time, major perturbing forces, rendezvous and intercept, and interplanetary trajectories. Prerequisite: Aerospace Engineering 366K with a grade of at least C-.

course	unique	days	time	room	instructor
ASE 366L	• 13285	TTH	200 - 330P	PHR 2.108	BETTADPUR, S

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.

course	unique	days	time	room	instructor
ASE 166M	• 13290	MW	300 - 430P	RLM 7.124	DANIEL, W

ASE 367K FLIGHT DYNAMICS
Equations of motion for rigid aircraft; aircraft performance, weight and balance, static stability and control, and dynamic stability; design implications. Prerequisite: Aerospace Engineering 320 with a grade of at least C-.

course	unique	days	time	room	instructor
ASE 367K	• 13295	TTH	1100 - 1230P	GAR 0.102	ABUSALI, P

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-.

course	unique	days	time	room	instructor
ASE 370C	• 13300	MW	830 - 1000	RLM 6.104	TOPCU, U

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-.

course	unique	days	time	room	instructor
ASE 374K	• 13305	TTH	930 - 1100	GDC 2.210	DANIEL, W

ASE 374L SPACECRAFT/MISSION DESIGN
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.

course	unique	days	time	room	instructor
ASE 374L	• 13310	MWF	1000 - 1100	ECJ 1.308	DANIEL, W

SPACECRAFT/MISSION DESIGN
Laboratory 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.

course	unique	days	time	room	instructor
ASE 374L	• 13315	MWF	1200 - 100P	ECJ 1.308	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 and computational engineering majors. Prerequisite: Engineering Mechanics 319 and Physics 303L with a grade ofat least C- in each.

course	unique	days	time	room	instructor
ASE 375	• 13320	MW	200 - 300P	CPE 2.218	MAHALINGAM, R
		M	300 - 600P		
	• 13325	MW	200 - 300P	CPE 2.218	MAHALINGAM, R
		W	300 - 600P		
	• 13330	MW	200 - 300P	CPE 2.218	MAHALINGAM, R
		T	330 - 630P		
	• 13335	MW	200 - 300P	CPE 2.218	MAHALINGAM, R
		TH	330 - 630P		
	• 13340	MW	200 - 300P	CPE 2.218	MAHALINGAM, R
		M	600 - 900P		

course	unique	days	time	room	instructor
	• 13345	MW W	200 - 300P 600 - 900P	CPE 2.218	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.

• 13350

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.

• 13355

ASE 179K RSCH IN AEROSPACE ENGINEERING

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.

• 13360

ASE 279K RSCH IN AEROSPACE ENGINEERING

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.

• 13365

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.

• 13370

ASE 379L AERIAL ROBOTICS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Current topics in aerospace engineering. Prerequisite: Varies with the topic. Topic description: Introduction to modeling, perception, control and high-level strategy for robotics.

• 13375	MW	830 - 1000	ECJ 1.304	HUMPHREYS, T

ASE 380P 2-ANALYTICAL METHODS II

Course number may be repeated for credit when the topics vary. Elements of complex analysis, Fourier and Laplace transforms, ordinary and partial differential equations, perturbation methods. Only one of the following may be counted: Aerospace Engineering 380P (Topic 2), Computational Science, Engineering, and Mathematics 386L, Engineering Mechanics 386L. Prerequisite: Graduate standing and consent of instructor. meets with E M 386L, COE 372, CSE 386L.

• 13380	TTH	200 - 330P	CPE 2.216	BUI, T

ASE 381P 3-OPTIMAL CONTROL THEORY

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Unconstrained and constrained finite-dimensional optimization, introduction to calculus of variations and optimal control, necessary and sufficient conditions for optimality, Pontryagin's Maximum Principle, minimum-time control, linear quadratic optimal control theory, introduction to dynamic programming, Hamilton-Jacobi-Bellman equation. Prerequisite: Graduate standing and consent of instructor.

• 13385	TTH	1100 - 1230P	ETC 2.132	BAKOLAS, E

11-NONLINEAR DYNAMICS/CONTROL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Analysis and synthesis of nonlinear control systems. Stability theory, Center manifold analysis, feedback linearization, backstepping, time-scale separations, nonlinear observers, Aeromechanical system applications. Aerospace Engineering 381P (Topic 11) and 396 (Topic: Nonlinear Dynamicsand Control) may not both be counted. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Aerospace Engineering 381P (Topic 1) or the equivalent, and consent of instructor.

• 13390	TTH	930 - 1100	ETC 2.132	AKELLA, M

ASE 382Q 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.

• 13395	TTH	800 - 930		BISETTI, F

ASE 384P 2-SOLID MECHANICS II

Course number may be repeated for credit when the topics vary. Continuation of Engineering Mechanics 388. Additional topics in elasticity, plasticity, viscoelasticity, variational methods, and other areas of solid mechanics. Prerequisite: Graduate standing and consent of instructor. Prerequisite: Graduate standing, Engineering Mechanics 388 or Aerospace Engineering 384P (Topic 1), and consent of instructor. same as E M 388L.

• 13400	MWF	1100 - 1200	BUR 228	MEAR, M

ASE 387P 2-MISSION ANALYSIS AND DESIGN

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Mission design and mission constraints, launch windows; rendezvous analysis; orbital design interactions with thermal and structural analysis; design of a typical mission. Prerequisite: Graduate standing and consent of instructor.

• 13403	TTH	930 - 1100	ETC 2.102	BETTADPUR, S

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.

• 13404	TTH	930 - 1100		BETTADPUR, S

4-METHODS ORBIT DETERMINATION

Course number may be repeated for credit when the topics vary. Variational methods of the orbit determination, Orbit parameter estimation, satellite tracking techniques and observables, modern precision orbit determination. Aerospace engineering 389P (Topic 4) and 396 (Topic: Orbit Determination) may not both be counted. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Aerospace Engineering 381P (Topic 6) or equivalent.

• 13405	TTH	1230 - 200P	RLP 0.124	JAH, M

8-SATELLITE CONTROL SYSTEMS

Course number may be repeated for credit when the topics vary. Spacecraft equations of motion; linearization and stability, classical control methods; digital and sampled data systems; multivariable control; attitude determination and control; momentum management; coupled modes; and case studies in satellite control. Prerequisite: Graduate standing and consent of instructor.

• 13410	MWF	1200 - 100P		ZANETTI, R

ASE 396 NETWORKED CONTROL SYSTEMS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.

• 13415	MW	100 - 230P	MEZ 1.118	TANAKA, T

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), M E 397.

• 13420	MW	200 - 330P	RRH 5.420	COURTER, S

OPTICAL DESIGN

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with M E 397, BME 381J (TOPIC 12), BME 377T.

• 13425	TTH	930 - 1100	CMA 3.114	MILNER, T

ORBITAL DEBRIS

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.

• 13430	MW	830 - 1000	BUR 128	JONES, B

TEXAS VENTURE LABS PRACTICUM

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with MAN 385, M E 397, E M 397, LAW 379M.

• 13435	M	330 - 630P	RRH 3.406	ADAMS, R

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.

• 13440	TTH	330 - 500P		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.

• 13445

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.

• 13450

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.

• 13455

10/11/2018

course	unique	days	time	room	instructor

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.
• 13460

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.
• 13465

ASE 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.
• 13470

ASE 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.
• 13475

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.
• 13480

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.
• 13485

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.
• 13490

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.
• 13495

COE 301 INTRO TO COMPUTER PROGRAMMING
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.
• 13550 MWF 900 - 1000 ETC 2.136 CHEN, J

COE 311K ENGINEERING COMPUTATION
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.
• 13555 TTH 930 - 1100 MEZ B0.306 BUI, T

COE 321K COMP MTHDS FOR STRUCT ANLYS
Matrix structural analysis of systems that can be idealized as being comprised of axial bar elements, beam elements, and frame elements. Notion of element-by-element assembly of the governing system of algebraic equations. A systematic introduction to (and use of) the fundamental idea of a weak statement of a boundary value problem, particularly as concerns the numerical treatment/approximation of such problems. Interpretation of the weak-statement in terms of the principleof virtual work. Galerkin's method as applied to structural analysis. Anintroduction to the classical Galerkin finite element method with application to structures and plane elasticity. Energy principles and their utility in solving problems in solid mechanics, as well as their connection to the finite element method. Aerospace Engineering 321K and Computational Engineering 321K may not both be counted. Prerequisite: Computational Engineering 311K (or Aerospace Engineering 211K or Computational Engineering 211K); and Engineering Mechanics 319 with a grade of at least C- in each. same as ASE 321K.
• 13560 MWF 100 - 200P CPE 2.218 LANDIS, C
T 500 - 700P BUR 112

COE 332 SOFTWARE ENGR AND DESIGN
Covers methods and tools for planning, designing, implementing, validating and maintaining large software systems. May include project work to build a software system as a team, using appropriate software engineering tools and techniques. Restricted to computational engineering majors. Prerequisite: Computational Engineering 322 with a grade of at least C-.
• 13565 TTH 1100 - 1230P GDC 4.302

COE 347 INTRO TO COMPUTATNL FLUID DYN
Development and implementation of finite-difference schemes for numerical solution of subsonic, transonic, and supersonic flows. Emphasis on convection and diffusion equations of fluid dynamics. Evaluation of accuracy, stability, and efficiency. Only one of the following may be counted: Aerospace Engineering 347, Computational Engineering 347, Mechanical Engineering 369L. Prerequisite: Computational Engineering 311K (or Aerospace Engineering 211K or Computational Engineering 211K), and Aerospace Engineering 320 with a grade of at least C- in each. same as ASE 347.
• 13570 TTH 1230 - 200P ECJ 1.222 BISETTI, F

COE 372 APPLIED MATHEMATICS II
Elements of complex analysis, Fourier and Laplace transforms, partial differential equations, perturbation methods, analysis of functions of several variables. Restricted to computational engineering majors. Prerequisite: Upper-division standing and Computational Engineering 371 with a grade of at least C-. meets with E M 386L, ASE 380P (TOPIC 2), CSE 386L.
• 13575 TTH 200 - 330P CPE 2.216 BUI, T

COE 374 SENIOR DESIGN PROJECT
Design and experimental projects done with teams of students from multiple engineering disciplines; the ethics of design for safety and reliability; emphasis on written and oral reporting of engineering projects. Restricted to computational engineering majors. Prerequisite: Computational Engineering 373 with a grade of at least C-.
• 13580 MWF 1200 - 100P RLM 5.112 MAHALINGAM, R

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.
• 13585

COE 679HB 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.
• 13590

COE 179K RSCH IN COMPUTATIONAL ENGR
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.
• 13595

COE 279K RSCH IN COMPUTATIONAL ENGR
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.
• 13600

COE 379K RSCH IN COMPUTATIONAL ENGR
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.
• 13605

E M 306 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.
• 13660 MWF 1000 - 1100 ECJ 1.202
M 400 - 600P RLM 5.122
• 13665 MWF 1000 - 1100 ECJ 1.202
T 400 - 600P RLM 7.124
• 13670 MWF 1000 - 1100 ECJ 1.202
M 600 - 800P RLM 5.120
• 13675 MWF 1000 - 1100 ECJ 1.202
T 600 - 800P RLM 7.124
• 13680 TTH 1230 - 200P GAR 0.102
T 400 - 600P RLM 5.114
• 13685 TTH 1230 - 200P GAR 0.102
W 400 - 600P RLM 5.118
• 13690 TTH 1230 - 200P GAR 0.102
T 600 - 800P RLM 5.114
• 13695 TTH 1230 - 200P GAR 0.102
W 600 - 800P RLM 5.118

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

course	unique	days	time	room	instructor

C- in each. Mandatory exams 7pm-9pm Wednesdays, February 13, March 13, and April 17.

• 13700	MWF	100 - 200P	GAR 0.102	CONNOLLY, T
	M	400 - 600P	ECJ 1.308	

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.

• 13705	MWF	100 - 200P	GAR 0.102	CONNOLLY, T
	T	400 - 600P	RLM 5.124	
• 13710	MWF	100 - 200P	GAR 0.102	CONNOLLY, T
	M	600 - 800P	ECJ 1.308	
• 13715	MWF	100 - 200P	GAR 0.102	CONNOLLY, T
	T	600 - 800P	RLM 5.124	

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.

• 13725	MWF	900 - 1000	GAR 0.102	
	W	400 - 600P	RLM 5.114	
• 13735	MWF	900 - 1000	GAR 0.102	
	TH	400 - 600P	ECJ 1.314	
• 13740	MWF	900 - 1000	GAR 0.102	
	W	600 - 800P	RLM 5.122	
• 13745	MWF	900 - 1000	GAR 0.102	
	TH	600 - 800P	ECJ 1.314	
• 13755	TTH	200 - 330P	FAC 21	
	T	400 - 600P	ECJ 1.314	
• 13760	TTH	200 - 330P	FAC 21	
	W	400 - 600P	BUR 130	
• 13765	TTH	200 - 330P	FAC 21	
	T	600 - 800P	ECJ 1.314	
• 13770	TTH	200 - 330P	FAC 21	
	W	600 - 800P	BUR 130	
• 13775	MWF	300 - 400P	PAI 3.02	
	W	400 - 600P	ECJ 1.308	
• 13780	MWF	300 - 400P	PAI 3.02	
	TH	400 - 600P	RLM 5.122	
• 13785	MWF	300 - 400P	PAI 3.02	
	W	600 - 800P	ECJ 1.308	
• 13790	MWF	300 - 400P	PAI 3.02	
	TH	600 - 800P	RLM 5.122	

E M 380 THEORY OF PLASTICITY

Physical basis of plastic deformation; mathematical theory of incremental plasticity; total theories; numerical implementation; slip and physical theories of plastic deformation; rate dependent (viscoplastic) models; applications to several engineering problems. Prerequisite: Graduate standing, and Engineering Mechanics 388 or the equivalent.

• 13795	TTH	930 - 1100	ECJ 1.304	KYRIAKIDES, S

E M 381 ADVANCED DYNAMICS

Dynamics of systems of particles and rigid bodies; vibration theory; analytical dynamics, including Lagrangian and Hamiltonian formulations; dynamic stability; continuous systems. Prerequisite: Graduate standing.

• 13800	TTH	930 - 1100	CMA 3.108	SENTIS, L

E M 386L ANALYTICAL METHODS II

Continuation of Engineering Mechanics 386K. Only one of the following may be counted: Aerospace Engineering 380P (Topic 2), Computational Science, Engineering, and Mathematics 386L, Engineering Mechanics 386L. Prerequisite: Graduate standing, and Engineering Mechanics 386K or consent of instructor. meets with COE 372, ASE 380P (TOPIC 2), CSE 386L.

• 13805	TTH	200 - 330P	CPE 2.216	BUI, T

E M 388F FRACTURE MECHANICS

Griffith theory of brittle crack propagation, other theories, crack toughness testing concepts. Prerequisite: Graduate standing, and Engineering Mechanics 388 or consent of instructor.

• 13810	TTH	1100 - 1230P	CAL 221	HUANG, R

E M 388L SOLID MECHANICS II

Continuation of Engineering Mechanics 388. Additional topics in elasticity, plasticity, viscoelasticity, variational methods, and other areas of solid mechanics. Prerequisite: Graduate standing, Engineering Mechanics 388 or Aerospace Engineering 384P (Topic 1), and consent of instructor. same as ASE 384P (TOPIC 2).

• 13815	MWF	1100 - 1200	BUR 228	MEAR, M

E M 388V THEORY OF VISCOELASTICITY

Introduction to linear viscoelasticity; methods of characterizing viscoelastic material behavior; analytical and approximate solution techniques for engineering problems, including contact, wave propagation, and thermoviscoelastic problems. Prerequisite: Graduate standing, and Engineering Mechanics 388 or consent of instructor.

• 13820	MWF	200 - 300P	RLM 7.112	LIECHTI, K

E M 394H ADV THEORY OF FINITE ELEM METH

Contemporary topics in the theory and application of finite element methods. Prerequisite: Graduate standing, Engineering Mechanics 394F, and Engineering Mechanics 386L or the equivalent. meets with CSE 393H.

• 13825	TTH	1230 - 200P	GDC 2.402	DEMKOWICZ, L

E M 397 SOFT TISSUE BIOMECHANICS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with BME 385J.

• 13830	TTH	1100 - 1230P	ECJ 1.304	RAUSCH, M

TEXAS VENTURE LABS PRACTICUM

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with MAN 385, M E 397, ASE 396, LAW 379M.

• 13835	M	330 - 630P	RRH 3.406	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.

• 13840

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.

• 13845

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.

• 13850	TTH	330 - 500P		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.

• 13855

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.

• 13860

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.

• 13865

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.

• 13870

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.

• 13875

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.

• 13880

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.

• 13885

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.

• 13890

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.

• 13895

DEPARTMENT OF BIOMEDICAL ENGINEERING

Biomedical Engineering - BME

AUG 1/2018

course	unique	days	time	room	instructor

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.

• 13950	TTH	330 - 500P	JGB 2.216	FAGHIHI-SHAHRESTAN
	W	1000 - 1200	BME 3.312	
• 13955	TTH	330 - 500P	JGB 2.216	FAGHIHI-SHAHRESTAN
	M	1100 - 100P	BME 3.312	
• 13960	TTH	330 - 500P	JGB 2.216	FAGHIHI-SHAHRESTAN
	M	200 - 400P	BME 3.312	
• 13965	TTH	330 - 500P	JGB 2.216	FAGHIHI-SHAHRESTAN
	M	400 - 600P	GDC 6.202	

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.

• 13970	MWF	900 - 1000	BUR 108	PUPERI, D
	T	930 - 1230P	EER 1.524	
• 13975	MWF	900 - 1000	BUR 108	PUPERI, D
	TH	930 - 1230P	EER 1.524	
• 13980	MWF	900 - 1000	BUR 108	PUPERI, D
	T	1230 - 330P	EER 1.524	
• 13985	MWF	900 - 1000	BUR 108	PUPERI, D
	F	200 - 500P	EER 1.524	

BME 311 NETWORK ANLY IN BIOMED ENGR

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.

• 13990	TTH	800 - 930	BUR 130	FAGHIHI-SHAHRESTAN

BME 313L INTRO NUMERICAL MTHDS IN BME

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Introduces principles and techniques of numerical analysis of biomedicalengineering problems. Examines numerical methods of integration, differentiation, interpolation, curve fitting, data analysis, sampling and estimation, error analysis, analysis of ordinary differential equations, numerical modeling of biomedical engineering systems, symbolic computation, and scientific visualization. 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 Mathematics 427J or 427K.

• 13995	MW	1100 - 1200	PAI 3.02	FAGHIHI-SHAHRESTAN
	T	930 - 1230P	BME 3.312	
• 14000	MW	1100 - 1200	PAI 3.02	FAGHIHI-SHAHRESTAN
	TH	930 - 1230P	BME 3.312	
• 14005	MW	1100 - 1200	PAI 3.02	FAGHIHI-SHAHRESTAN
	F	200 - 500P	BME 3.312	
• 14010	MW	1100 - 1200	PAI 3.02	FAGHIHI-SHAHRESTAN
	F	200 - 500P	GDC 6.202	
• 14015	MW	1100 - 1200	PAI 3.02	FAGHIHI-SHAHRESTAN
	W	300 - 600P	BME 3.312	
• 14020	MW	1100 - 1200	PAI 3.02	FAGHIHI-SHAHRESTAN
	T	330 - 630P	BME 3.312	
• 14025	MW	1100 - 1200	PAI 3.02	FAGHIHI-SHAHRESTAN
	M	500 - 800P	GDC 2.210	

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.

• 14030	MW	1000 - 1100	BUR 130	PUPERI, D
	F	1000 - 100P	BME 3.312	
• 14035	MW	1000 - 1100	BUR 130	PUPERI, D
	TH	330 - 630P	BME 3.312	
• 14040	MW	1000 - 1100	BUR 130	PUPERI, D
	M	500 - 800P	BME 3.312	

BME 320 INTL PERSPTS ON BME DESIGN-POR

Hour(s) to be arranged. Activities to consider sociotechnical factors in designing clinically translatable solutions with a focus on international perspectives. Biomedical Engineering 320 and 377T (Topic: International Perspectives on Biomedical Engineering Design) may not both be counted. Restricted to students in the Maymester Abroad Program; contact the Study Abroad Office for permission to register for this class. Class meets May 31-July 1. Taught in Porto, Portugal. Students must consult with depa rtment as travel and orientation dates may be in addition to these dates. meets with CHE 379.

• 14045 MARKEY, M

BME 325LX COOPERATIVE ENGINEERING

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.

• 14050

BME 325LY COOPERATIVE ENGINEERING

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.

• 14055

BME 325LZ COOPERATIVE ENGINEERING

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.

• 14060

BME 225MA COOPERATIVE ENGINEERING

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.

• 14065

BME 225MB COOPERATIVE ENGINEERING

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.

• 14070

BME 125N COOPERATIVE ENGINEERING

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.

• 14075

BME 333T ENGINEERING COMMUNICATION

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-.

• 14080	MWF	900 - 1000	GEA 114	LINDSAY, T
	M	200 - 300P	GDC 2.502	
• 14085	MWF	900 - 1000	GEA 114	LINDSAY, T
	W	200 - 300P	GDC 6.202	

ENGINEERING COMMUNICATION-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. 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-. Restricted to students in the Maymester Abroad Program. Class meets May 28-June 29. Taught in Milan, Italy. Students must consult department as travel and orientation dates may be in addition to these dates.
• 14090 DEMONT, B

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: Biomedical Engineering 303 or Electrical Engineering 306, and Mathematics 408D or 408M with a grade of at least C- in each.

• 14095	TTH	1230 - 200P	ETC 2.108	JIANG, N
	T	200 - 300P	GEA 127	
• 14100	TTH	1230 - 200P	ETC 2.108	JIANG, N
	M	300 - 400P	GEA 114	
• 14105	TTH	1230 - 200P	ETC 2.108	JIANG, N
	M	400 - 500P	GEA 114	
• 14110	TTH	1230 - 200P	ETC 2.108	JIANG, N
	W	400 - 500P	GEA 114	

BME 344 BIOMECHANICS
Offered on the letter-grade basis only. Analysis and modeling of biomechanical systems at the macroscopic scale based on principles of statics, dynamics, and strength of materials. Biomedical Engineering 344 and 377T (Topic: Biomechanics) may not both be counted. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biomedical Engineering 303L (or 203L), Mathematics 427J or 427K, and Physics 303K.
• 14115 MWF 100 - 200P CMA 2.306 STACHOWIAK, J

BME 347 FUNDMNTLS OF BIOMEDICAL OPTICS
Introduction to the field of biophotonics. Subjects include light scattering theory, tissue optical properties, analytical and numerical techniques for determining light propagation in tissue, light-tissue interactions, and bioheat transfer including solution methods. Biomedical Engineering 347 and 377T (Topic: Fundamentals of Biomedical Engineering Optical Imaging) may not both be counted. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 353 and 261L (or 251) with a grade of at least C- in each. meets with BME 381J (TOPIC 9).
• 14120 MWF 1100 - 1200 GDC 1.406 TUNNELL, J

BME 349 BIOMEDICAL INSTRUMENTATION
Offered on the letter-grade basis only. Introduction to biomedical instrumentation, design, and applications. Emphasis on the complete instrumentation development cycle, design for bio-compatibility, safety and efficacy, and design considerations specific to various medical specialties. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 343 with a grade of at least C-.
• 14125 MWF 1200 - 100P GAR 0.102 XIE, C

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.
• 14130 MWF 1000 - 1100 BUR 116 ZOLDAN, J

BME 353 TRANSPORT PHENOM IN LIVING SYS
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.
• 14135 TTH 930 - 1100 RLP 0.130 BAKER, A

TRANSPRT PHENOM LIVING SYS-GBR
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Maymester Abroad Program. Class meets May 28-June 28. Taught in Cambridge, England. Students must consult department as travel and orientation dates may be in addition to these dates.
• 14140 TUNNELL, J

BME 355 MOLECULAR ENGINEERING
Offered on the letter-grade basis only. Working principles of biomolecules such as proteins and nucleic acids. Physical and chemical basis for biomolecular structure, energetics, and function. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biochemistry 369 (or Chemistry 369), Biology 311C or 315H, Mathematics 427J or 427K, and Physics 303L and 103N.
• 14145 MWF 900 - 1000 CMA 2.306 COSGRIFF-HERNANDEZ

BME 359 CELL AND MOLEC BIOMECHANICS
Introduction to the concepts needed to understand and work in the emerging field of cellular and molecular biomechanics. Examination of dynamic interplay between chemical, thermal, and physical forces in determining the mechanics of cells/tissues and their molecular components. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 344 and 353 with a grade of at least C- in each. meets with BME 382J (TOPIC 7).
• 14150 TTH 800 - 930 GDC 1.406 BAKER, A

BME 261L DEVEL/ANALYSIS IN BME DESIGN
Additional hour(s) to be arranged. Offered on the letter-grade basis only. The design and development of a working biomedical engineering device prototype. Focus on the full engineering design process, including reviews and documentation, and general project management strategies. Also considers the impact of markets, budgets, and the FDA on device requirements and design. Biomedical Engineering 251 and 261L may not both be counted. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 343 and 245L (or 221) with a grade of at least C- in each.

• 14155	M	100 - 200P	MEZ 1.306	PUPERI, D
	W	100 - 400P	BME 3.310	
• 14160	M	100 - 200P	MEZ 1.306	PUPERI, D
	F	100 - 400P	BME 3.310	
• 14165	M	100 - 200P	MEZ 1.306	PUPERI, D
	M	200 - 500P	BME 3.310	
• 14170	M	100 - 200P	MEZ 1.306	PUPERI, D
	T	200 - 500P	BME 3.310	
• 14175	M	100 - 200P	MEZ 1.306	PUPERI, D
	TH	200 - 500P	BME 3.310	
• 14180	M	100 - 200P	MEZ 1.306	PUPERI, D
	M	500 - 800P	BME 3.310	
• 14185	M	100 - 200P	MEZ 1.306	PUPERI, D
	T	500 - 800P	BME 3.310	

BME 362E MEDICAL DEVICE INNOVATION
Additional hour(s) to be arranged. Money, markets, and entrepreneurship with particular focus on medical and health markets. Biomedical Engineering 362E and 277T (Topic: Medical Device Innovation: From Lab to Marketplace) may not both be counted.
• 14190 MW 200 - 300P EER 1.528 MILNER, T

BME 365S QUANTITATIVE ENGR PHYSIOL II
Offered on the letter-grade basis only. Biological control systems: sensory, renal, respiratory, and immune systems. Focuses on a quantitative, model-oriented approach to physiological systems. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 365R with a grade of at least C-.
• 14195 TTH 1100 - 1230P ART 1.102 KIM, H

BME 367 DESIGN OF ARTIFICIAL ORGANS
Analysis of the design process for blood-contacting medical devices withan emphasis on ventricular assist devices. Application of computational fluid dynamics and blood rheology to computer-aided design and testing of devices using specific software programs and 3D printing of functioning prototypes. Biomedical Engineering 367 and 377T (Topic: Design of Artificial Organs)may not both be counted. Restricted to biomedical engineering majors. Prerequisite: Credit with a grade of at least C- or registration for Biomedical Engineering 353 and 365R.
• 14200 MWF 1200 - 100P EER 1.528 ELBERT, D

BME 371 BME CAPSTONE DESIGN II
Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Development of team projects in biomedical engineering with emphasis on prototype development and quantitative analysis, and written and oral reporting of the outcome. Restricted to biomedical engineering majors. Prerequisite: Biomedical Engineering 370 with a grade of at least C-.
• 14205 MWF 300 - 400P GEA 105 TUNNELL, J

BME 374L APPLICATNS BIOMED INSTRUM LAB
An in-depth examination of selected subjects in biomedical engineering, including optical and thermal properties of laser interaction with tissue; measurement of perfusion in the microvascular system; diagnostic imaging; interaction of living systems with electromagnetic fields; robotic surgical tools; ophthalmic instrumentation; and noninvasive cardiovascular measurements. Students have the opportunity to design analog and digital measurements and acquire and process meaningful biomedical signals. Restricted to biomedical engineering, electrical engineering, and mechanical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Electrical Engineering 438, and one of the following: Biomedical Engineering 349, 374K, or Electrical Engineering 374K. meets with E E 385J (TOPIC 32), BME 384J (TOPIC 5).

• 14210	TTH	1230 - 200P	GDC 5.304	RYLANDER, H
	TTH	200 - 500P	BME 1.338	

BME 376 CELL ENGINEERING
Introduction to principles that govern the structure, organization, and processes at cellular and subcellular levels. Special focus on engineering and quantitative aspects of cellular machinery. Employs engineering approaches to study receptors, macromolecular complexes, andcellular signaling; clinical and pharmaceutical approaches to perturb cellular structure and function for disease prevention and drug design. State-of-the-art experimental and computational techniques to study cellular engineering. Restricted to biomedical engineering majors. Prerequisite: The following coursework with a grade of at least C-: Biology 311C or 315H, and Biomedical Engineering 214L (or 314.)
• 14215 MWF 1000 - 1100 GEA 114 BROCK, A

BME 177 UNDERGRADUATE RESEARCH PROJECT
Laboratory 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.
• 14220

BME 277 UNDERGRADUATE RESEARCH PROJECT
Laboratory hour(s) to be arranged. Recommended for students considering graduate study. Topic is selected in conjunction with a faculty member in the Department of Bi-

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omedical Engineering or in another approved University department. A final written report or the equivalent is required. Restricted to biomedical engineering majors.
• 14225

BME 377 UNDERGRADUATE RESEARCH PROJECT
Laboratory 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.
• 14230

BME 377M MEDICAL INTERNSHIP
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.
• 14235

BME 377R RESEARCH INTERNSHIP
Students perform biomedical research with a faculty member at an approved institution. Requires a substantial final report. Restricted to biomedical engineering majors.
• 14240

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.
• 14245

BME 377T COMPTL MDLNG BIOENGR AND MED
Course number may be repeated for credit when the topics vary. Restricted to biomedical engineering majors. Prerequisite: Prerequisites vary with the topic. Additional prerequisite: Biomedical Engineering 349, 352, 261L and 365S with a grade of at least C-. Topic title: Computational modeling in bioengineering and medicine. Topic description: Explore comprehensive introd uctory methods used in simulation of biological systems and processes and demonstrate these in selected applications from single channels, cells, and tissues, up to whole organs. meets with BME 385J, CSE 397.
• 14250 TTH 1230 - 200P ECJ 1.304 SACKS, M

INTRO MATHEMATICAL & PHYS BIO
Course number may be repeated for credit when the topics vary. Restricted to biomedical engineering majors. Prerequisite: Prerequisites vary with the topic. Additional prerequisite: Biomedical Engineering 343 and 349 with a grade of at least C- in each. Topic description: Topic description: Introduction to common methods found in the mathematical modeling of biological s ystems and the computational implementation of those mathematical models. meets with CSE 397, BME 383J.
• 14255 TTH 1100 - 1230P GDC 2.502 YANKEELOV, T

OPTICAL DESIGN
Course number may be repeated for credit when the topics vary. Restricted to biomedical engineering majors. Prerequisite: Prerequisites vary with the topic. Additional prerequisite: Biomedical Engineering 343 and 349 with a grade of at least C- in each. Topic title: The principles of optical design for imaging and laser delivery systems. Topic description: The course wil l examine the principles of optical design for imaging and laser delivery systems as well as development and testing of designs using optical design software. meets with M E 397, BME 381J (TOPIC 12), ASE 396.
• 14260 TTH 930 - 1100 CMA 3.114 MILNER, T

TISS MICROENV: FAB/TRAN/MECH
Course number may be repeated for credit when the topics vary. Restricted to biomedical engineering majors. Prerequisite: Prerequisites vary with the topic. Additional prerequisite: Biomedical Engineering 352 and 353 with a grade of at least C- in each. Topic title: Tissue microenvironments: Fabrication, transport, and mechanics. Topic description: Introduction and hands -on applications for fabrication/bioprinting of tissues on a chip and characterization of mechanical, thermal, transport, and cellular/tissue responses to varying properties of associated microenvironments. meets with M E 379M, BME 385J, M E 397.
• 14265 TTH 1230 - 200P ETC 4.120 RYLANDER, M

BME 678A UNDERGRAD THESIS BIOMED ENGR
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.
• 14270

BME 678B UNDERGRAD THESIS BIOMED ENGR
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.
• 14275

BME 679HA UNDERGRADUATE HONORS 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. 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.
• 14280

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.
• 14285

BME 380J 5-BIOSTAT/STUDY DSGN/RSCH MTHD
Course number may be repeated for credit when the topics vary. Principles for hypothesis testing; confidence limits; regression analysis; correlation; analysis of variance; experimental design and factorial analysis; discriminate analysis; applications of statistics. Prerequisite: Graduate standing. Prerequisite: An undergraduate probability theory course or the equivalent, and consent of instructor. Only topic 3 is offered under the number 180J.
• 14290 TTH 1230 - 200P GDC 2.502 MARKEY, M

BME 381J REHABILITATION ENGINEERING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites vary with the topic. Topic description: Course explores use of robotic devices in physical therapy for neuromuscular injury through clinical lectures and development of prototypes. meets with M E 385J (TOPIC 24).
• 14295 TTH 200 - 330P ETC 5.132 SULZER, J

8-FUNCTIONAL IMAGING LAB
Course number may be repeated for credit when the topics vary. Explores in vivo functional imaging, including aspects of imaging hardware and instrumentation, contrast agents, image processing, management of large imaging data sets, and applications of physiological modeling. Biomedical Engineering 381J (Topic: Functional Imaging Laboratory) and 381J (Topic 8) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites vary with the topic. Additional prerequisite: Graduate standing in engineering.
• 14300 TTH 800 - 930 CMA 5.190 DUNN, A

9-FUND BIOMED OPTICAL IMAGING
Course number may be repeated for credit when the topics vary. Fundamentals of the interaction of light with tissue for the purpose of imaging and treatment of disease. Focuses on quantitative modeling of tissue optical properties, light propagation in the tissue, heat transfer of laser irradiated tissue, and thermal damage models. Includesdiscussion of applications in laser surgery, pulse oximetry, and diseasediagnosis using spectroscopy. Biomedical Engineering 381J (Topic: Fundamentals of Biomedical Optical Imaging) and 381J (Topic 9) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites vary with the topic. meets with BME 347.
• 14305 MWF 1100 - 1200 GDC 1.406 TUNNELL, J

10-OPTICS AND LASERS
Course number may be repeated for credit when the topics vary. Fundamentals of geometric and physical optics, interaction of light with matter, spectroscopy, and laser and electro-optics applications. Biomedical Engineering 381J (Topic: Optics and Lasers) and 381J (Topic 10) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites vary with the topic. meets with M E 382P (TOPIC 2).
• 14310 TTH 1100 - 1230P ETC 7.111 BEN-YAKAR, A

12-OPTICAL DESIGN
Course number may be repeated for credit when the topics vary. The principles of optical design for imaging and laser delivery systems are given. Students develop and test designs using a commercial optical design software package. Biomedical Engineering 381J (Topic: Optical Design) and 381J (Topic 12) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites vary with the topic. meets with M E 397, ASE 396, BME 377T.
• 14315 TTH 930 - 1100 CMA 3.114 MILNER, T

BME 382J 4-ADV ENGINEERING BIOMATERIALS
Course number may be repeated for credit when the topics vary. Overview of biomaterials, including prosthetics, ceramics, metal implants, and polymers, with specific emphasis on properties and applications. The immunology of material-tissue interactions and the issues of biocompatibility. Prerequisite: Graduate standing in engineering and consent of instructor.
• 14320 TTH 930 - 1100 GDC 2.502 SUGGS, L

course unique days time room instructor

7-CELL AND MOLEC BIOMECHANICS
Course number may be repeated for credit when the topics vary. Introduction to the concepts needed to understand and work in the emerging field of cellular and molecular biomechanics. Examination of dynamic interplay between chemical, thermal, and physical forces in determining the mechanics of cells/tissues and their molecular components. Biomedical Engineering 382J (Topic: Cellular and Molecular Biomechanics) and 382J (Topic 7) may not both be counted. Prerequisite: Graduate standing in engineering and consent of instructor. Additional prerequisite: Graduate standing; and coursework in calculus, physics, solid mechanics, and basic chemical/biological principles. meets with BME 359.
• 14325 TTH 800 - 930 GDC 1.406 BAKER, A

BME 383J INTRO MATHEMATICAL & PHYS BIO
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites may vary with the topic. Topic description: Introduction to common methods found in the mathematical modeling of biological systems and the computational implementation of those mathematical models. meets with CSE 397, BME 377T.
• 14330 TTH 1100 - 1230P GDC 2.502 YANKEELOV, T

BME 384J 5-PROJECTS IN BIOMEDICAL ENGR
Course number may be repeated for credit when the topics vary. An in-depth examination of selected topics, such as optical and thermal properties of laser interaction with tissue; measurement of perfusion inthe microvascular system; diagnostic imaging; interaction of living systems with electromagnetic fields; robotic surgical tools; ophthalmic instrumentation; noninvasive cardiovascular measurements. Prerequisite: Graduate standing in engineering and consent of instructor; additional prerequisites vary with the topic. Additional prerequisite: Biomedical Engineering 384J (Topic 1) or Electrical Engineering 385J (Topic 31). same as E E 385J (TOPIC 32). also meets with BME 374L.
• 14335 TTH 1230 - 200P GDC 5.304 RYLANDER, H

BME 385J COMPTL MDLNG BIOENGR AND MED
Designed to accommodate 35 or fewer students. 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. Topic title: Computational modeling in bioengineering and medicine. Topic description: Course explores comprehensive introductory methods used in simulation of biological systems and processes and demonstrate these i n selected applications from single channels, cells, and tissues up to whole organs. meets with CSE 397, BME 377T.
• 14340 TTH 1230 - 200P ECJ 1.304 SACKS, M

INQUIRY BASED INSTRUC DSGN
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. Topic title: Inquiry-based instructional design.
• 14345 TTH 1100 - 1230P CMA 5.190 DILLER, K

SOFT TISSUE BIOMECHANICS
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 E M 397.
• 14350 TTH 1100 - 1230P ECJ 1.304 RAUSCH, M

TISS MICROENV: FAB/TRAN/MECH
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. Topic title: Tissue microenvironments: Fabrication, transport, and mechanics. meets with M E 379M, BME 377T, M E 397.
• 14355 TTH 1230 - 200P ETC 4.120 RYLANDER, M

BME 396 RESEARCH INTERNSHIP
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.
• 14360

BME 197 RESEARCH PROBLEMS
Hour(s) to be arranged. Laboratory 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. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14365

BME 297 RESEARCH PROBLEMS
Hour(s) to be arranged. Laboratory 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. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14370

BME 397 RESEARCH PROBLEMS
Hour(s) to be arranged. Laboratory 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. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14375

BME 597 RESEARCH PROBLEMS
Hour(s) to be arranged. Laboratory 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. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14380

BME 697 RESEARCH PROBLEMS
Hour(s) to be arranged. Laboratory 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. Problems selected by the student with approval of the faculty adviser. Prerequisite: Graduate standing in biomedical engineering.
• 14385

BME 197E PROFESNL RESPONSBLS IN IMAGING
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Graduate standing.
• 14390 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.
• 14395 T 330 - 430P BME 5.202I 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.
• 14400 TH 330 - 500P BME 3.204 YEH, H

BME 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 biomedical engineering and consent of the graduate adviser; for 698B, Biomedical Engineering 698A.
• 14405

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.
• 14410

BME 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 biomedical engineering and consent of the graduate adviser.
• 14415

BME 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14420

BME 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14425

BME 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14430

BME 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Biomedical Engineering 399R, 699R, or 999R.
• 14435

BME 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Biomedical Engineering 399R, 699R, or 999R.
• 14440

BME 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Biomedical Engineering 399R, 699R, or 999R.
• 14445

DEPARTMENT OF CHEMICAL ENGINEERING

Chemical Engineering - CHE

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.
• 14500 MWF 900 - 1000 CPE 2.218 EDISON, T

10/11/2018

course	unique	days	time	room	instructor

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.

course	unique	days	time	room	instructor
CHE 317	• 14505	MWF	800 - 900	CPE 2.206	
		F	100 - 300P		
	• 14510	MWF	800 - 900	CPE 2.212	
		F	100 - 300P		

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.

course	unique	days	time	room	instructor
CHE 319	• 14515	MWF	100 - 200P	BUR 220	
		W	300 - 500P	CPE 2.212	
	• 14520	MWF	100 - 200P	CPE 2.212	
		W	300 - 500P	CPE 2.220	

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.

course	unique	days	time	room	instructor
CHE 322	• 14525	TTH	1100 - 1230P	CPE 2.216	
		F	100 - 300P	CPE 2.206	
	• 14530	TTH	1100 - 1230P	ECJ 1.222	
		F	100 - 300P	ECJ 1.222	

CHE 225MA COOPERATIVE ENGINEERING

Laboratory hour(s) to be arranged. Covers the work period of chemical engineering students in the Cooperative Engineering Program. The student must complete Chemical 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, Chemical Engineering 225MA and appointment for a full-time cooperative work tour.

course	unique	days	time	room	instructor
CHE 225MA	• 14535				

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-.

course	unique	days	time	room	instructor
CHE 333T	• 14540	T	930 - 1100	CPE 1.418	RANDALL, D
		TH	930 - 1100	CPE 1.418	
	• 14545	T	1230 - 200P	ETC 2.114	RANDALL, D
		TH	1230 - 200P	ETC 2.114	
	• 14550	TTH	1230 - 200P	CPE 1.418	MCCLUNE, C
	• 14555	T	330 - 500P	ETC 2.114	RANDALL, D
		TH	330 - 500P	ETC 2.114	
	• 14560	TTH	330 - 500P	CPE 1.418	MCCLUNE, C

CHE 341 DESIGN FOR ENVIRONMENT

Overview of environmental assessment tools for chemical processes and products, including life cycle and risk assessments. Overview of design tools for improving environmental performance of chemical processes, including unit operations and flowsheet analysis methods.

course	unique	days	time	room	instructor
CHE 341	• 14565	TTH	930 - 1100	CPE 2.216	ALLEN, D

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 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.

course	unique	days	time	room	instructor
CHE 348	• 14570	TTH	200 - 330P	CPE 2.218	HILDEBRANDT RUIZ
		M	1100 - 1200	CPE 1.418	
	• 14575	TTH	200 - 330P	CPE 2.218	HILDEBRANDT RUIZ
		W	1100 - 1200	CPE 1.418	
	• 14580	TTH	200 - 330P	CPE 2.218	HILDEBRANDT RUIZ
		M	100 - 200P	CPE 1.418	
	• 14585	TTH	200 - 330P	CPE 2.218	HILDEBRANDT RUIZ
		W	100 - 200P	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-.

course	unique	days	time	room	instructor
CHE 350	• 14590	MWF	1000 - 1100	CPE 2.218	KORGEL, B
		F	400 - 500P	CPE 2.218	

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.

course	unique	days	time	room	instructor
CHE 253K	• 14595	MW	900 - 1000	BUR 112	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.

course	unique	days	time	room	instructor
CHE 253M	• 14600	M	200 - 700P	CPE 1.420	FRIEDMAN, K
	• 14605	T	200 - 700P	CPE 1.420	FRIEDMAN, K
	• 14610	W	200 - 700P	CPE 1.420	FRIEDMAN, K
	• 14615	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-.

course	unique	days	time	room	instructor
CHE 354	• 14620	MWF	1200 - 100P	CPE 2.218	DINSMOOR, B
		W	200 - 300P	CPE 2.216	
	• 14625	MWF	1200 - 100P	CPE 2.218	DINSMOOR, B
		W	500 - 600P	CPE 2.216	

CHE 356 OPTIMIZATION: THEORY/PRACTICE

Techniques of optimization, including formulation of optimization problems, one-dimensional search techniques, analytical methods, and n-dimensional search techniques; application of methods to process-industry problems. Prerequisite: Chemical Engineering 319 (or 353) and 348. meets with CHE 385P.

course	unique	days	time	room	instructor
CHE 356	• 14630	MW	500 - 630P	CPE 2.220	RUIZ, J

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 P A 388K, MAN 385, M E 382Q (TOPIC 4), EER 396, CHE 384T, M E 363M.

course	unique	days	time	room	instructor
CHE 359	• 14635	TTH	800 - 930	CPE 2.204	WEBBER, M

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.

course	unique	days	time	room	instructor
CHE 360	• 14640	MWF	900 - 1000	CPE 2.216	DUNIA, R
		F	100 - 300P	CPE 2.216	
	• 14645	TTH	930 - 1100	CPE 2.220	EDGAR, T
		M	1200 - 200P	CPE 2.210	

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.

course	unique	days	time	room	instructor
CHE 363	• 14650	TTH	1100 - 1230P	CPE 2.218	JOHNSTON, K
		F	100 - 200P	ECJ 1.204	
	• 14655	TTH	1100 - 1230P	CPE 2.218	JOHNSTON, K
		F	200 - 300P	CPE 2.220	

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-.

course	unique	days	time	room	instructor
CHE 264	• 14660	M	200 - 300P	CPE 2.204	LEWIS, M
		M	300 - 800P	CPE 1.440	
	• 14665	M	200 - 300P	CPE 2.204	LEWIS, M
		W	300 - 800P	CPE 1.440	
	• 14670	T	200 - 300P	CPE 2.220	LEWIS, M
		T	300 - 800P	CPE 1.440	
	• 14675	T	200 - 300P	CPE 2.220	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.

course	unique	days	time	room	instructor
CHE 364S	• 14680	MWF	800 - 900	CPE 2.216	EDISON, T

10/11/2018

course | unique | days | time | room | instructor

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.

unique	days	time	room	instructor
• 14685	TTH	930 - 1100	CPE 2.212	PEPPAS, N
	M	1200 - 100P	ECJ 1.306	
• 14690	TTH	930 - 1100	CPE 2.212	PEPPAS, N
	W	1200 - 100P	CPE 2.210	

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.

unique	days	time	room	instructor
• 14695	MWF	1100 - 1200	CPE 2.206	POEHL, M
	W	1200 - 200P	CPE 2.206	
• 14700	MWF	1100 - 1200	CPE 2.218	ELDRIDGE, R
	W	1200 - 200P	ETC 2.114	

CHE 177K UNDERGRADUATE RESEARCH PROJECT

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.

• 14705

CHE 277K UNDERGRADUATE RESEARCH PROJECT

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.

• 14710

CHE 377K UNDERGRAD RESEARCH PROJ-HONORS

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.

• 14715

UNDERGRADUATE RESEARCH PROJECT

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.

• 14720

CHE 377L UNDERGRADUATE RESEARCH PROJECT

Hour(s) to be arranged. Designed to accommodate 35 or fewer students. Additional 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.

• 14725

CHE 379 ADV INNOV/TECH FOR BEG-JPN

Course number may be repeated for credit when the topics vary. Special topics of current interest. Prerequisite: Consent of the department. Restricted to students in the Maymester Abroad Program. Class meets May 31-July 1. Taught in Kyoto and Tokyo, Japan. Students must consult with department as travel and orientation dates may be in addition to these d ates.

• 14730 KORGEL, B

DYNAMICS IN ECO AND ENV

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.

• 14735 TTH 1100 - 1230P CPE 2.222 STADTHERR, M

ENERGETIC SEPARATIONS

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.

• 14740 WF 200 - 330P CPE 2.222 ROCHELLE, G

ENGINEERING GLOBAL HEALTH-ESP

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Special topics of current interest. Prerequisite: Consent of the department. Restricted to students in the Maymester Abroad Program. Class meets May 31-July 1. Taught in Barcelona, Spain. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 14745 MAYNARD, J

INTL PERSPTS ON BME DESIGN-POR

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. Special topics of current interest. Prerequisite: Consent of the department. Restricted to students in the Maymester Abroad Program; contact the Study Abroad Office for permission to register for this class. Class meets May 31-July 1. Taught in Porto, Portugal. Students must consult with depa rtment as travel and orientation dates may be in addition to these dates. meets with BME 320.

• 14750 MARKEY, M

NANOMATERIALS CHEMISTRY & ENGR

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.

• 14755 TTH 330 - 500P RLM 5.126 KORGEL, B

CHE 679HA UNDERGRADUATE HONORS THESIS

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.

• 14760

CHE 679HB UNDERGRADUATE HONORS THESIS

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.

• 14765

CHE 384S TRENDS IN CHEM ENG RESEARCH

Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. May be repeated for credit. Overview of current and emerging trends in chemical engineering research with frequent guest presentations by leading scholarly and industrial researchers in the discipline. Prerequisite: Graduate standing.

• 14770 MWF 930 - 1030 ETC 5.148 BRENNECKE, J

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.

• 14775 F 200 - 500P CPE 2.222 PEPPAS, N

DYNAMICS IN ECO AND THE ENV

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.

• 14780 TTH 1100 - 1230P CPE 2.222 STADTHERR, M

ENERGETIC SEPARATIONS

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.

• 14785 WF 200 - 330P CPE 2.222 ROCHELLE, G

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 P A 388K, MAN 385, M E 382Q (TOPIC 4), EER 396, CHE 359, M E 363M.

• 14790 TTH 800 - 930 CPE 2.204 WEBBER, M

FUNDMTL & APPS OF CELL REG

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.

• 14795 TTH 200 - 330P CPE 2.222 CONTRERAS, L

MATERIALS PHYSICS

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.

• 14800 MWF 330 - 500P CPE 2.222 MILLIRON, D

course	unique	days	time	room	instructor

NANOMATERIALS CHEM AND ENGR
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.
• 14805 TTH 330 - 500P RLM 5.126 KORGEL, B

REACTION KINETICS
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.
• 14810 WF 1030 - 1200 CPE 2.222 KEITZ, B

CHE 185 RESEARCH
May be repeated for credit. Prerequisite: Graduate standing in chemical engineering, or graduate standing and consent of instructor.
• 14815 F 1200 - 100P CPE 2.210 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.
• 14820

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.
• 14825

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.
• 14830

CHE 385P OPTIMIZATION: THEORY/PRACTICE
Techniques of optimization, including formulation of optimization problems, one-dimensional search techniques, analytical methods, and n-dimensional search techniques; application of methods to process-industry problems. Chemical Engineering 384 (Topic: Optimization: Theory and Practice) and 385P may not both be counted. Prerequisite: Graduate standing. meets with CHE 356.
• 14835 MW 500 - 630P CPE 2.220 RUIZ, J

CHE 386L LAB EXPS IN X-RAY DIFFRACTION
Laboratory hour(s) to be arranged. Application of X-ray diffraction techniques to the examination of polycrystalline and single crystal materials. Prerequisite: Graduate standing and consent of instructor.
• 14840 MW 100 - 400P ETC 9.130 SWINNEA, J

CHE 392 POLYMER SCIENCE
Details of polymerization mechanisms; structure-property relationships, fundamentals of processing, and characterization of high polymers. Prerequisite: Graduate standing.
• 14845 TTH 930 - 1100 CPE 2.222 PAUL, D

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.
• 14850

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.
• 14855

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.
• 14860

CHE 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14865

CHE 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14870

CHE 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 14875

CHE 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemical Engineering 399R, 699R, or 999R.
• 14880

CHE 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemical Engineering 399R, 699R, or 999R.
• 14885

CHE 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemical Engineering 399R, 699R, or 999R.
• 14890

DEPARTMENT OF CIVIL, ARCHITECTURAL, AND ENVIRONMENTAL ENGINEERING

Architectural Engineering - ARE
Civil Engineering - C E
Environmental Engineering - EVE

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.
• 14945 MW 600 - 900P ECJ 3.106 KAZI, F
• 14950 TTH 600 - 900P ECJ 3.106 RODRIGUEZ, T

ARE 320L INTRODUCTION TO DESIGN II
Additional hour(s) to be arranged. Continuation of Architectural Engineering 320K. Focus on building design. Prerequisite: Architectural Engineering 320K, and credit or registrationfor Civil Engineering 329.
• 14955 MW 1200 - 300P ECJ 3.106 BROOKS, G
F 1200 - 100P ECJ 1.204
F 100 - 300P ECJ 3.106
• 14960 TTH 1230 - 430P ECJ 3.106 BROOKS, G
F 1200 - 100P ECJ 1.204

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.
• 14965 TTH 930 - 1100 ART 1.110 FAUST, K
• 14970 TTH 1100 - 1230P ECJ 1.308 CALDAS, C

PROJECT MANAGEMENT/ECON-BRA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Maymester Abroad Program. Class meets May 27-June 26. Taught in Fortaleza, Brazil. Students must consult with department as travel and orientation dates may be in addition to these dates .
• 14974 LEITE, F

ARE 325LX COOPERATIVE ENGINEERING
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.
• 14975

ARE 325LY COOPERATIVE ENGINEERING
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.
• 14980

ARE 325LZ COOPERATIVE ENGINEERING
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.
• 14985

ARE 225MA COOPERATIVE ENGINEERING
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.
• 14990

10/11/2013

course	unique	days	time	room	instructor

ARE 225MB COOPERATIVE ENGINEERING

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.

• 14995				

ARE 125N COOPERATIVE ENGINEERING

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.

• 15000				

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.

• 15005	MWF	1000 - 1100	ECJ 1.322	O'CONNOR, J
	W	1100 - 1200	ECJ 1.322	

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.

• 15010	TTH	1100 - 1230P	ECJ 3.402	XU, Y

ARE 465 INTEGRATED DESIGN PROJECT

Design of low-rise buildings, including structural and environmental systems; preparation of contract documents. Prerequisite: Architectural Engineering 320L, 346N, credit or registration for 335, Civil Engineering 331 or 335, and 357.

• 15015	TTH	800 - 1100	ECJ 3.106	KUNTZ, K
• 15020	MW	300 - 600P	ECJ 3.106	STIDHAM, W

ARE 366 CONTRACTS, LIABILITY, & ETHICS

Restricted enrollment; contact the department for permission to register for this class. 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.

• 15025	MW	100 - 200P	WAG 214	BORCHERDING, J
	T	330 - 530P	ECJ 1.222	
• 15030	MW	100 - 200P	WAG 214	BORCHERDING, J
	TH	330 - 530P	ECJ 1.222	

ARE 177K INDEPENDENT STUDY

Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.

• 15035				

ARE 277K INDEPENDENT STUDY

Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.

• 15040				

ARE 377K INDEPENDENT STUDY

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.

• 15045				

ARE 679HA UNDERGRADUATE HONORS 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. 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.

• 15050				

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.

• 15055				

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.

• 15110	MW	100 - 200P	WAG 420	STOKOE, K
	T	930 - 1230P	ECJ 3.406	
• 15115	MW	100 - 200P	WAG 420	STOKOE, K
	TH	930 - 1230P	ECJ 3.406	
• 15120	MW	100 - 200P	WAG 420	STOKOE, K
	T	200 - 500P	ECJ 3.406	
• 15125	MW	100 - 200P	WAG 420	STOKOE, K
	TH	200 - 500P	ECJ 3.406	
• 15130	MW	100 - 200P	WAG 420	STOKOE, K
	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.

• 15135	MWF	1100 - 1200	GDC 4.302	RATHJE, E
	M	200 - 400P	ECJ 2.210	
• 15140	MWF	1100 - 1200	GDC 4.302	RATHJE, E
	M	400 - 600P	ECJ 2.210	
• 15145	MWF	1100 - 1200	GDC 4.302	RATHJE, E
	W	400 - 600P	ECJ 2.210	
• 15150	TTH	1100 - 1230P	CPE 2.220	KALLIVOKAS, L
	T	200 - 400P	ECJ 2.210	
• 15155	TTH	1100 - 1230P	CPE 2.220	KALLIVOKAS, L
	W	200 - 400P	ECJ 2.210	
• 15160	TTH	1100 - 1230P	CPE 2.220	KALLIVOKAS, L
	T	400 - 600P	ECJ 2.210	

C E 311S PROBABIL/STATS CIVIL ENGRS-ARG

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Maymester Abroad Program. Class meets May 25-June 29. Taught in Buenos Aires, Argentina. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 15165				PROZZI, J

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.

• 15170	TTH	800 - 930	ECJ 1.214	SALAMONE, S
	W	100 - 200P	ECJ 2.218	
• 15175	TTH	800 - 930	ECJ 1.214	SALAMONE, S
	F	100 - 200P	ECJ 2.218	
• 15180	TTH	800 - 930	ECJ 1.214	SALAMONE, S
	W	200 - 300P	ECJ 2.218	
• 15185	MWF	900 - 1000	CPE 2.210	BOYLES, S
	M	100 - 200P	ECJ 2.218	
• 15190	MWF	900 - 1000	CPE 2.210	BOYLES, S
	M	200 - 300P	ECJ 2.218	
• 15195	MWF	900 - 1000	CPE 2.210	BOYLES, S
	F	200 - 300P	ECJ 2.218	

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.

• 15200	TTH	800 - 930	ECJ 1.308	LILJESTRAND, H
	W	800 - 1000	ECJ B.112A	
• 15205	TTH	800 - 930	ECJ 1.308	LILJESTRAND, H
	M	1200 - 200P	ECJ B.112A	
• 15210	TTH	800 - 930	ECJ 1.308	LILJESTRAND, H
	M	400 - 600P	ECJ B.112A	
• 15215	TTH	930 - 1100	CPE 2.218	JOHNSON, B
	W	1200 - 200P	ECJ B.112A	
• 15220	TTH	930 - 1100	CPE 2.218	JOHNSON, B
	W	400 - 600P	ECJ B.112A	
• 15225	TTH	930 - 1100	CPE 2.218	JOHNSON, B
	TH	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.

• 15230	TTH	1230 - 200P	ECJ 1.322	ZHANG, Z
• 15235	TTH	200 - 330P	ECJ 1.322	MACHEMEHL, R

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

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not both be counted. Prerequisite: Chemistry 301, Civil Engineering 333T, and Engineering Mechanics 319.

• 15240	MWF	900 - 1000	ECJ 1.314	FOLLIARD, K
	M	300 - 600P	ECJ B.226	
• 15245	MWF	900 - 1000	ECJ 1.314	FOLLIARD, K
	T	300 - 600P	ECJ B.226	
• 15250	MWF	900 - 1000	ECJ 1.314	FOLLIARD, K
	TH	300 - 600P	ECJ B.226	

PROPS AND BEHAV OF ENGR MATLS

Additional hour(s) to be arranged. 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.

• 15255	MWF	1000 - 1100	ECJ 1.314	FERRON, R
	T	930 - 1230P	ECJ B.226	
• 15260	MWF	1000 - 1100	ECJ 1.314	FERRON, R
	TH	930 - 1230P	ECJ B.226	
• 15265	MWF	1000 - 1100	ECJ 1.314	FERRON, R
	W	1200 - 300P	ECJ B.226	

C E 325LX COOPERATIVE ENGINEERING

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.

• 15270

C E 325LY COOPERATIVE ENGINEERING

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.

• 15275

C E 325LZ COOPERATIVE ENGINEERING

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.

• 15280

C E 225MA COOPERATIVE ENGINEERING

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.

• 15285

C E 225MB COOPERATIVE ENGINEERING

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.

• 15290

C E 125N COOPERATIVE ENGINEERING

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.

• 15295

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.

• 15300	TTH	800 - 930	ECJ 1.204	WILLIAMSON, E
• 15305	MWF	900 - 1000	ECJ 1.204	

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.

• 15310	TTH	800 - 930	ECJ 3.402	
• 15315	TTH	200 - 330P	GSB 2.126	MURCIA DELSO, J

C E 333T ENGINEERING COMMUNICATION

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.

• 15320	MWF	1000 - 1100	ECJ 1.324	O'BRIEN, S
• 15325	MWF	1200 - 100P	ECJ 1.324	O'BRIEN, S
• 15330	TTH	200 - 330P	ECJ 1.222	

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.

• 15335	TTH	800 - 930	ECJ 1.322	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.

• 15340	TTH	1230 - 200P	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.

• 15345	MWF	200 - 300P	ECJ 1.322	KIRISITS, M

C E 351 CONCRETE MATERIALS

Additional hour(s) to be arranged. Portland cement, aggregates, supplementary cementing materials, properties of fresh and hardened concrete, concrete durability, mixture proportioning, concrete construction, and special concretes. Prerequisite: Civil Engineering 324P (or 314K).

• 15350	TTH	1100 - 1230P	ECJ 1.306	FOLLIARD, K
	T	1230 - 200P	ECJ B.226	

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.

• 15355	TTH	930 - 1100	RLM 6.104	SELA, P
	M	1000 - 1200	ECJ B.111	
• 15360	TTH	930 - 1100	RLM 6.104	SELA, P
	T	1100 - 100P	ECJ B.111	
• 15365	TTH	930 - 1100	RLM 6.104	SELA, P
	TH	1100 - 100P	ECJ B.111	
• 15370	TTH	930 - 1100	RLM 6.104	SELA, P
	F	1100 - 100P	ECJ B.111	
• 15375	TTH	930 - 1100	RLM 6.104	SELA, P
	W	200 - 400P	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.

• 15380	MWF	1100 - 1200	ECJ 1.204	COX, B
	TH	800 - 1100	ECJ B.140	
• 15385	MWF	300 - 400P	ECJ 1.322	COX, B
	F	1200 - 300P	ECJ B.140	
• 15390	MWF	300 - 400P	ECJ 1.322	COX, B
	T	300 - 600P	ECJ B.140	
• 15395	MWF	300 - 400P	ECJ 1.322	COX, B
	TH	300 - 600P	ECJ B.140	

C E 362N ADVANCED STEEL DESIGN

Design of steel buildings, beam columns, composite beams, plate girders,and connections. Prerequisite: Civil Engineering 335. meets with C E 397.

• 15400	TTH	200 - 330P	ECJ 1.214	ENGELHARDT, M

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.

• 15405	MWF	900 - 1000	ECJ 1.322	KALLIVOKAS, L

C E 364 DSGN WASTEWTR/WTR TRTMNT FACIL

Analysis, synthesis, and integrated design of municipal water and wastewater treatment plants with an emphasis on novel water conservationand water reuse applications. Prerequisite: Credit or registration for Civil Engineering 342 and credit for Civil Engineering 356.

• 15410	MWF	800 - 900	ECJ 3.402	WERTH, C

C E 367G DSG/EVAL GRND-BASE TRAN SYS

Methods for design and evaluation of transportation systems, emphasizingroadway and non-motorized travel, in light of traveler safety, system operations, construction and maintenance costs, environmental impacts, and other considerations. Civil Engineering 367G and 377K (Topic: Design of Ground-Based Transportation) may not both be counted. Prerequisite: Civil Engineering 321.

• 15415	TTH	1230 - 200P	RLM 7.112	KOCKELMAN, K
	M	330 - 530P	ECJ 2.218	

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course unique days time room instructor

C E 367R OPTIMIZATION TECH TRNSPT ENGR
Overview of optimization techniques, including linear programming, nonlinear optimization, and network flow algorithms including shortest path, maximum flow, and minimum spanning tree. Examples and applications primarily drawn from transportation engineering, with connections to other areas. Civil Engineering 367R and 377K (Topic: Optimization Techniques for Transportation Engineers) may not both be counted. Prerequisite: Civil Engineering 321.
• 15420 TTH 1100 - 1230P ECJ 1.324 BOYLES, S

C E 367T TRAFFIC ENGINEERING
Driver and vehicle characteristics, traffic studies, traffic laws and ordinances, intersection capacity, signs, markings, signals, bus transit, parking, design of street systems, and operational controls. Prerequisite: Civil Engineering 321.
• 15425 TTH 930 - 1100 ECJ 1.324 MACHEMEHL, R

C E 369R INDOOR AIR QUALITY
Sources, properties, transport and fate, human exposure, and adverse responses to indoor air pollutants. Control strategies and engineered technologies to mitigate impacts of gaseous and particle phase air pollutants in indoor environments. Civil Engineering 369R and 377K (Topic: Indoor Air Quality) may not bothbe counted. Prerequisite: Civil Engineering 311K and 319F; and Architectural Engineering 346N or Civil Engineering 341 or Environmental Engineering 312.
• 15430 TTH 1230 - 200P ECJ 3.402

C E 370P 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 for any three of the following courses: Architectural Engineering 335, 345K, 358, 362L, or 366; Civil Engineering 331, 335, 351, 342, 346, 358, 360K, 362M, 362N, 363, 364, 365K, 366K, 367G, 367P, 367T, 367R, 369L, 369R, 370K, 374L, 374K or 375.Credit for Architectural Engineering 323K, Civil Engineering 321, 324P, 329, 341, 356, and 357.
• 15435 W 300 - 600P CPE 2.214 GILBERT, R

C E 171P ENGINEERING PROFESSIONALISM
Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 15440 W 300 - 500P CPE 2.214 GILBERT, R

C E 374L GROUNDWATER HYDRAULICS
Darcy's law, steady flow in aquifers, aquifer and well testing, regionalflow, numerical simulation of groundwater flow, unsaturated flow, and groundwater recharge. Prerequisite: Civil Engineering 356.
• 15445 MWF 1200 - 100P ECJ 1.322

C E 375 EARTH SLOPES/RETAINING STRUCTS
Earth fills, excavations, and dams; soil compaction and ground improvement, seepage and dewatering; stability of natural slopes and embankments; earth-pressure theories; design of earth retaining structures. Prerequisite: Civil Engineering 357.
• 15450 MWF 1100 - 1200 ECJ 1.308 EL MOHTAR, C

C E 177K INDEPENDENT STUDY
Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.
• 15455

C E 277K INDEPENDENT STUDY
Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.
• 15460

C E 377K CLIMATE CHANGE MITIGATION
Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic. meets with C E 397.
• 15465 TTH 200 - 330P ETC 2.114 APTE, J

INDEPENDENT STUDY
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.
• 15470

SUSTAINABLE MATERIALS
Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic. meets with C E 397.
• 15475 MWF 100 - 200P ECJ 1.322 FERRON, R
TH 330 - 500P ECJ 3.402

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.
• 15480

C E 380P 4-BOUNDARY ELEMENT METHODS
Course number may be repeated for credit when the topics vary. Formulation and numerical implementation of boundary element methods; applications to problems in fluid mechanics, structural analysis, and solid mechanics. Prerequisite: Graduate standing; and a course in differential equations and a course in fluid mechanics, or consent of instructor.
• 15485 TTH 930 - 1100 ECJ 3.110 KINNAS, S

C E 380W WATER RESOURCES ENGR RSCH SMNR
Offered on the credit/no credit basis only. Presentations and discussions on various topics in water resources engineering. Prerequisite: Graduate standing and consent of instructor.
• 15490 TH 330 - 630P ECJ 1.204 KIRISITS, M

C E 383R REP/STRENGTH OF REINF CONC STR
Evaluation of condition, strength, serviceability, and ductility of existing structures; criteria for rehabilitation; retrofit techniques for change in function, loading, and seismic forces. Civil Engineering 383R and 397 (Topic: Repair and Strengthening of Reinforced Concrete Structures) may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 15495 TTH 930 - 1100 ECJ 3.122 MURCIA DELSO, J

C E 383S STRUCTURAL CONCRETE BRIDGES
Planning, design, and construction of reinforced concrete and prestressed concrete bridges, including arch, frame, girder, and cable stay systems; aesthetics, economy, and durability. Prerequisite: Graduate standing, and credit or registration for Civil Engineering 383P.
• 15500 TTH 800 - 930 ECJ 3.122 BAYRAK, O

C E 384P DYNAMIC RESPONSE OF STRUCTURES
Single and multidegree-of-freedom systems; dynamic load factors, response to harmonic excitation; damping; modal analysis; direct integration of equations of motion; analysis in time and frequency domains; application to earthquake, wind, wave, and traffic loadings. Prerequisite: Graduate standing, and Civil Engineering 381P or consent of instructor.
• 15505 MW 1100 - 1230P ECJ 3.110 MANUEL, L

C E 385D WATER RESOURCES PLANNING/MGMT
Application of engineering economics and operations research to the planning and management of water systems. Major subjects include water supply, water resources management, multi-objective planning, and optimization techniques. Focus on programming skills and implementation of the models using a programming language. Prerequisite: Graduate standing.
• 15510 TTH 1100 - 1230P RLM 5.112 SELA, P

C E 385K WATER QUALITY
Course number may be repeated for credit when the topics vary. Analysis of water quality in natural systems and of effects of wastewater discharges. Prerequisite: Graduate standing.
• 15515 MW 330 - 500P CWE 28 HODGES, B

C E 385S STOCHASTIC HYDROLOGY
Probability and statistics applied to the solution of hydrological problems; extreme event frequency analysis, time series analysis of hydrologic data, autocorrelation and spectral analysis, theory of regionalized variables and applications. Prerequisite: Graduate standing, and Civil Engineering 311S or an equivalent course in statistical methods.
• 15520 TTH 800 - 930 ECJ 1.324 PASSALACQUA, P

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.
• 15525 MW 300 - 500P ECJ 3.110 ZORNBERG, J
F 300 - 500P ECJ 3.110

C E 390J ENGINEERING MICROBIOLOGY
Designed to accommodate 35 or fewer students. Fundamentals of microbiology and biochemistry as applied to environmental pollution and sustainable treatment processes, energetics and kinetics of microbial growth, and biological fate of pollutants; introduction to laboratory techniques. Prerequisite: Graduate standing.
• 15530 TTH 930 - 1100 ECJ 1.322 KIRISITS, M

C E 390P ENVIRONMNTL ORGANIC CHEMISTRY
Advanced subjects in the environmental chemistry of organic contaminants in groundwater, soil, and air systems; includes sustainable chemistry. Prerequisite: Graduate standing.
• 15535 TTH 1100 - 1230P ECJ 3.122 LILJESTRAND, H

C E 391P HGHWY/AIRPT PVMT SYS-DSGN/PERF
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 15540 M 330 - 630P ECJ 1.324 BHASIN, A

AUTH/2018

course	unique	days	time	room	instructor

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.
• 15545 TTH 330 - 500P ECJ 3.110 ZHANG, Z

C E 392T TRANSPORT ECONOMICS
Application of economic theory and principles to transportation systems analysis and evaluation. Subjects include individual demand decisions, optimal private and public transport supply (including pricing strategies and input demands), market imperfections and externalities, and welfare-based transport policy. Prerequisite: Graduate standing.
• 15550 MW 1230 - 200P ECJ 3.122 KOCKELMAN, K

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.
• 15555 MW 1100 - 1230P ECJ 3.122 WALTON, C

C E 393N NOVEL STRUCTURAL MATERIALS
Material selection criteria, including mechanical and environmental factors; selected case studies of emerging materials, including derivation of properties and potential applications. Civil Engineering 393N and 397 (Topic: Novel Structural Materials) may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 15560 MW 300 - 430P ECJ 3.122 JUENGER, M

C E 394M ADV ANALYSIS OF GEOTECH ENGR
Development and application of linear and nonlinear finite element procedures for solution of geotechnical engineering problems related to embankments, excavations, static soil-structure interaction, and seepage. Prerequisite: Graduate standing and consent of instructor.
• 15565 MWF 1000 - 1100 ECJ 3.402

C E 395R 2-PROJECT INFO MANAGEMENT SYS
Course number may be repeated for credit when the topics vary. Information systems design and management concepts and their implementation in construction projects. Data acquisition, transmission,and storage; database management systems and information systems design. Prerequisite: Graduate standing and consent of instructor.
• 15570 F 1000 - 100P ECJ 2.210 CALDAS, C

C E 395T 7-VALUE MGMT PROCESSES II
Course number may be repeated for credit when the topics vary. Industry value management processes, including mechanical reliability modeling, predictive maintenance, design for maintainability, waste minimization and pollution prevention, sustainable design and construction, planning for startup, lean construction, postoccupancy evaluation, and knowledge management and lessons learned systems. Prerequisite: Graduate standing and consent of instructor.
• 15575 MF 100 - 300P ECJ 1.324 O'CONNOR, J

C E 397 ADVANCED STEEL DESIGN
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 C E 362N.
• 15580 TTH 200 - 330P ECJ 1.214 ENGELHARDT, M

AEROSOLS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15585 TTH 930 - 1100 RLP 0.120 APTE, J

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. meets with C E 377K.
• 15590 TTH 200 - 330P ETC 2.114 APTE, J

ENERGY MANAGEMENT SYSTEMS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15595 TTH 1230 - 200P ECJ 3.406 NOVOSELAC, A

IN-SITU SOIL CHARACTERISTICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15600 MW 100 - 300P ECJ 3.110 COX, B

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: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15605

MODLNG TOOLS WITH ENGR APPLICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15610 TTH 1100 - 1230P ECJ 3.110 PROZZI, J

NANOPARTICLES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15615 TTH 200 - 330P ECJ 3.110 SALEH, N

PROJECT FINANCE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15620 M 400 - 700P ECJ 3.122 O'BRIEN, W

RENEW ENERGY/ENVIR SUSTAINBLTY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15625 TTH 1230 - 200P ECJ 3.122 XU, Y

SENSORS/SIGNAL INTERPRETATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15630 TTH 1230 - 200P ECJ 3.110 CLAUDEL, C

SMNR: WATER FOR EVERYONE
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 397S, GEO 391, P A 387K.
• 15635 W 345 - 545P JON 6.257 COHEN, J

SPECIAL STUDIES IN CIVIL ENGR
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15640

STR HLTH MONITOR/NONDSTRC EVAL
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15645 T 200 - 500P ECJ 3.122 SALAMONE, S

SUSTAINABLE BUILDING DESIGN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; consent of instructor; additional prerequisites vary with the topic.
• 15650 WF 200 - 330P GDC 2.210 NAGY, G

SUSTAINABLE MATERIALS
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 C E 377K.
• 15655 MWF 100 - 200P ECJ 1.322 FERRON, R
TH 330 - 500P ECJ 3.402

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.
• 15660

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.
• 15665

C E 397D DISSERTATION RESEARCH
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing and consent of adviser.
• 15670

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.
• 15675

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.
• 15680

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.
• 15685

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.
• 15690

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.
• 15695

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.
• 15700

draft 1/20/18

course	unique	days	time	room	instructor

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.

• 15705					

C E 398T SUPV TEACHING IN CIVIL ENGR
Special training in teaching methods and procedures for civil engineering courses, including laboratory courses; the development of new material and methods to update present courses. Prerequisite: Graduate standing in civil engineering and appointment as a teaching assistant. meets with M E 397, M E 398T.

• 15710	W	1000 - 100P	ETC 3.112	BORREGO, M

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

• 15715					

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

• 15720					

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

• 15725					

C E 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Civil Engineering 399R, 699R, or 999R.

• 15730					

C E 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Civil Engineering 399R, 699R, or 999R.

• 15735					

C E 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Civil Engineering 399R, 699R, or 999R.

• 15740					

EVE 302 FNDTNS ENVIRONMENTAL ENGR
Foundational principles in environmental engineering, sources of contaminants, physics and chemistry of water, air, soil, concepts and tools for assessing sustainability. Prerequisite: Credit or registration for Chemistry 302.

• 15795	MW	1100 - 1200	ECJ 1.214	KATZ, L
	W	800 - 1100	ECJ 3.122	
• 15800	MW	1100 - 1200	ECJ 1.214	KATZ, L
	W	1200 - 300P	ECJ 3.406	
• 15805	MW	1100 - 1200	ECJ 1.214	KATZ, L
	M	200 - 500P	ECJ 3.406	
• 15810	MW	1100 - 1200	ECJ 1.214	KATZ, L
	TH	200 - 500P	ECJ 3.122	

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.

• 15815	T	1230 - 200P	ECJ 1.324	FAUST, K
	TH	1230 - 300P	ECJ 2.210	
• 15820	T	1230 - 200P	ECJ 1.324	FAUST, K
	TH	1230 - 300P	ECJ 2.218	

EVE 312 ENVIR ENGINEERING/SCIENCE
Quantitative evaluations of environmental processes including mass and energy balances, mass and heat transfer, chemical kinetics, water quality modeling, water treatment, indoor and outdoor air quality, and risk analyses. Prerequisite: Environmental Engineering 302 and credit or registration for Civil Engineering 333T and Mathematics 427J.

• 15825	MW	300 - 400P	ECJ 1.204	SALEH, N
	M	900 - 1200	ECJ 3.406	
• 15830	MW	300 - 400P	ECJ 1.204	SALEH, N
	W	900 - 1200	ECJ B.226	
• 15835	MW	300 - 400P	ECJ 1.204	SALEH, N
	F	100 - 400P	ECJ 3.402	

EVE 177K INDEPENDENT STUDY
Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.

• 15840					

EVE 277K INDEPENDENT STUDY
Course number may be repeated for credit when the topics vary. Various specified topics or conference course. Prerequisite: Varies with the topic.

• 15845					

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.

• 15850					

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.

• 15905	MW	900 - 1030	ECJ 1.214	TUTUC, E
	TH	900 - 1100	EER 1.826	
• 15910	MW	900 - 1030	ECJ 1.214	TUTUC, E
	F	1200 - 200P	EER 1.826	
• 15915	MW	900 - 1030	ECJ 1.214	TUTUC, E
	F	200 - 400P	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.

• 15920	MW	300 - 430P	ECJ 1.214	TELANG, N
	F	900 - 1000	ECJ 1.304	
• 15925	MW	300 - 430P	ECJ 1.214	TELANG, N
	F	1000 - 1100	BEN 1.106	
• 15930	MW	300 - 430P	ECJ 1.214	TELANG, N
	F	1100 - 1200	ECJ 1.304	

E E 108S INTRODUCTION TO PYTHON
Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Build a specific technical skill. Prerequisite: Consent of instructor.

• 15935	M	630 - 800P	EER 1.516	SAKHUJA, C
	W	630 - 800P	EER 1.516	
• 15940	M	630 - 800P	EER 1.516	SAKHUJA, C
	TH	630 - 800P	EER 1.516	

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.

• 15945	MW	130 - 300P	ECJ 1.214	SWARTZLANDER, E
	T	330 - 530P	ECJ 1.304	
• 15950	MW	130 - 300P	ECJ 1.214	SWARTZLANDER, E
	T	530 - 730P	ECJ 1.304	
• 15955	MW	130 - 300P	ECJ 1.214	SWARTZLANDER, E
	T	730 - 930P	ECJ 1.304	
• 15960	MW	500 - 630P	ECJ 1.214	SWARTZLANDER, E
	T	930 - 1130	CBA 4.344	
• 15965	MW	500 - 630P	ECJ 1.214	SWARTZLANDER, E
	T	1130 - 130P	SZB 278	
• 15970	MW	500 - 630P	ECJ 1.214	SWARTZLANDER, E
	T	130 - 330P	RLM 6.112	

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.

• 15975	MW	900 - 1030	BUR 216	PRIEBE, R
	W	1200 - 100P	EER 0.818	
• 15980	MW	900 - 1030	BUR 216	PRIEBE, R
	W	100 - 200P	EER 0.818	
• 15985	MW	900 - 1030	BUR 216	PRIEBE, R
	W	200 - 300P	EER 0.818	
• 15990	MW	900 - 1030	BUR 216	PRIEBE, R
	W	300 - 400P	EER 0.818	
• 15995	MW	1030 - 1200	WAG 214	GLIGORIC, M
	M	100 - 200P	EER 0.818	
• 16000	MW	1030 - 1200	WAG 214	GLIGORIC, M
	M	200 - 300P	EER 0.818	
• 16005	MW	1030 - 1200	WAG 214	GLIGORIC, M
	M	300 - 400P	EER 0.818	

10/11/2018

course	unique	days	time	room	instructor
	• 16010	MW	1030 - 1200	WAG 214	GLIGORIC, M
		M	400 - 500P	EER 0.818	
	• 16015	MW	1200 - 130P	ECJ 1.204	PRIEBE, R
		W	900 - 1000	EER 0.818	
	• 16020	MW	1200 - 130P	ECJ 1.204	PRIEBE, R
		W	1000 - 1100	EER 0.818	
	• 16025	MW	1200 - 130P	ECJ 1.204	PRIEBE, R
		W	1100 - 1200	EER 0.818	
	• 16030	MW	1200 - 130P	ECJ 1.204	PRIEBE, R
		W	400 - 500P	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.

• 16035	TTH	930 - 1100	CPE 2.204	HALL, N
• 16040	TTH	1230 - 200P	JGB 2.218	CUEVAS, A
• 16045	MW	130 - 300P	RLP 0.128	ANDREWS, J

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-.

• 16050	MW	1030 - 1200	ART 1.120	TELANG, N
	W	1200 - 100P	EER 0.724	
• 16055	MW	1030 - 1200	ART 1.120	TELANG, N
	W	100 - 200P	EER 0.724	
• 16060	MW	1030 - 1200	ART 1.120	TELANG, N
	W	200 - 300P	EER 0.724	
• 16065	MW	1030 - 1200	ART 1.120	TELANG, N
	W	300 - 400P	EER 0.724	
• 16070	TTH	330 - 500P	EER 1.516	PAN, Z
	TH	1100 - 1200	EER 0.724	
• 16075	TTH	330 - 500P	EER 1.516	PAN, Z
	TH	1200 - 100P	EER 0.724	
• 16080	TTH	330 - 500P	EER 1.516	PAN, Z
	TH	100 - 200P	EER 0.724	
• 16085	TTH	330 - 500P	EER 1.516	PAN, Z
	TH	200 - 300P	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-.

• 16090	MW	1200 - 130P	ECJ 1.214	YERRABALLI, R
	T	1000 - 1100	EER 1.826	
• 16095	MW	1200 - 130P	ECJ 1.214	YERRABALLI, R
	T	1100 - 1200	EER 1.826	
• 16100	MW	1200 - 130P	ECJ 1.214	YERRABALLI, R
	T	1200 - 100P	EER 1.826	
• 16105	MW	1200 - 130P	ECJ 1.214	YERRABALLI, R
	T	100 - 200P	EER 1.826	
• 16110	TTH	1230 - 200P	CPE 2.204	VALVANO, J
	W	1100 - 1200	EER 1.826	
• 16115	TTH	1230 - 200P	CPE 2.204	VALVANO, J
	W	100 - 200P	EER 1.826	
• 16120	TTH	1230 - 200P	CPE 2.204	VALVANO, J
	TH	200 - 300P	EER 1.826	
• 16125	TTH	1230 - 200P	CPE 2.204	VALVANO, J
	TH	300 - 400P	EER 1.826	
• 16130	MW	130 - 300P	ECJ 1.204	TIWARI, M
	TH	1130 - 1230P	EER 1.826	
• 16135	MW	130 - 300P	ECJ 1.204	TIWARI, M
	TH	100 - 200P	EER 1.826	
• 16140	MW	130 - 300P	ECJ 1.204	TIWARI, M
	TH	400 - 500P	EER 1.826	
• 16145	MW	130 - 300P	ECJ 1.204	TIWARI, M
	TH	500 - 600P	EER 1.826	
• 16150	TTH	200 - 330P	RLM 7.104	TOUBA, N
	W	300 - 400P	EER 1.826	
• 16155	TTH	200 - 330P	RLM 7.104	TOUBA, N
	W	400 - 500P	EER 1.826	
• 16160	TTH	200 - 330P	RLM 7.104	TOUBA, N
	W	500 - 600P	EER 1.826	
• 16165	TTH	200 - 330P	RLM 7.104	TOUBA, N
	W	600 - 700P	EER 1.826	
• 16170	MW	300 - 430P	CPE 2.218	YERRABALLI, R
	T	200 - 300P	EER 1.826	
• 16175	MW	300 - 430P	CPE 2.218	YERRABALLI, R
	T	300 - 400P	EER 1.826	
• 16180	MW	300 - 430P	CPE 2.218	YERRABALLI, R
	T	400 - 500P	EER 1.826	
• 16185	MW	300 - 430P	CPE 2.218	YERRABALLI, R
	T	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-.

• 16190	TTH	1100 - 1230P	CPE 2.214	NANDAKUMAR, V
	TH	1230 - 200P	ETC 2.132	
• 16195	TTH	1100 - 1230P	CPE 2.214	NANDAKUMAR, V
	TH	200 - 330P	ECJ 1.304	
• 16200	TTH	1100 - 1230P	CPE 2.214	NANDAKUMAR, V
	TH	330 - 500P	ECJ 1.304	
• 16205	TTH	1100 - 1230P	CPE 2.214	NANDAKUMAR, V
	TH	500 - 630P	ECJ 1.304	
• 16210	TTH	200 - 330P	UTC 3.102	NANDAKUMAR, V
	F	900 - 1030	EER 0.818	
• 16215	TTH	200 - 330P	UTC 3.102	NANDAKUMAR, V
	F	1030 - 1200	EER 0.818	
• 16220	TTH	200 - 330P	UTC 3.102	NANDAKUMAR, V
	F	1200 - 130P	EER 0.818	
• 16225	TTH	200 - 330P	UTC 3.102	NANDAKUMAR, V
	F	130 - 300P	EER 0.818	
• 16230	TTH	200 - 330P	UTC 3.102	NANDAKUMAR, V
	F	300 - 430P	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.

• 16235	MW	1030 - 1200	BUR 224	WASSERMAN, D

E E 325LX COOPERATIVE ENGINEERING

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.

• 16240

E E 325LY COOPERATIVE ENGINEERING

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.

• 16245

E E 325LZ COOPERATIVE ENGINEERING

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.

• 16250

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.

• 16255

10/11/2018

course	unique	days	time	room	instructor

E E 225MB COOPERATIVE ENGINEERING

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.

• 16260				

E E 125N COOPERATIVE ENGINEERING

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.

• 16265				

E E 125S INTERNSHIP IN ELEC & COMP ENGR

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.

• 16270				

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).

• 16275	MWF	900 - 1000	RLM 5.118	FAGELSON, W
• 16280	TTH	930 - 1100	SZB 278	WUSTER, T
• 16285	MWF	1100 - 1200	RLM 7.124	FAGELSON, W
• 16290	TTH	1100 - 1230P	JES A215A	WUSTER, T
• 16295	MW	1200 - 130P	RLM 6.112	WUSTER, T
• 16300	MWF	100 - 200P	RLM 5.116	FAGELSON, W
• 16305	MW	130 - 300P	ECJ 1.306	WUSTER, T

E E 334K QUANTUM THRY ENGR ELEC MATLS

Introduction to quantum mechanics; atoms and molecules; electron statistics; quantum theory of solids; electronic phenomena in semiconductors; and device applications based on these phenomena. Prerequisite: Mathematics 427J or 427K, Physics 303L, and 103N with a grade of at least C- in each.

• 16310	TTH	1100 - 1230P	GDC 2.402	INCORVIA, J

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.

• 16315	TTH	200 - 330P	EER 1.516	GHARPUREY, R
	F	900 - 1200	EER 1.828	
• 16320	TTH	200 - 330P	EER 1.516	GHARPUREY, R
	F	1200 - 300P	EER 1.828	
• 16325	TTH	200 - 330P	EER 1.516	GHARPUREY, R
	TH	330 - 630P	EER 1.828	

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.

• 16330	MW	900 - 1030	RLM 7.116	BANERJEE, S

E E 339S SOLAR ENERGY CONVERSN DEVICES

An investigation of basic principles of photovoltaic devices which convert light into charge carriers (electrons and holes). Topics includeelectrons and holes in semiconductors, generation and recombination, junctions, analysis of the p-n junction, silicon and III-V semiconductorsolar cell design and optimization, thin film solar cell technologies, managing light, strategies for higher efficiency, and a brief overview of non-photovoltaic approaches to solar energy conversion. Electrical Engineering 339S and 379K (Topic 4: Solar Energy Conversion Devices) may not both be counted. Prerequisite: Mathematics 427J or 427K, Physics 303L and 103N with a grade of at least C- in each. meets with E E 396V.

• 16335	MW	500 - 630P	ECJ 1.222	DODABALAPUR, A

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).

• 16340	MW	1030 - 1200	EER 1.512	BANERJEE, S
	T	630 - 930P	EER 0.744	
• 16345	MW	1030 - 1200	EER 1.512	BANERJEE, S
	TH	630 - 930P	EER 0.744	

E E 340P HIGH-THROUGHPUT NANPATTERN

Sub-50nm fabrication using mechanical patterning techniques; overview ofphotolithography, mechanical nanopatterning processes, hot embossing, and UV imprint lithography; wafer-scale and roll-to-roll nanopatterning with applications in electronics, photonics, and nanomedicine; physics of nanoreplication, process limits, template (mold) fabrication, defect mechanisms, and factors affecting throughput. Only one of the following may be counted: Electrical Engineering 340P, 379K (Topic: High-Throughput Nanopatterning), and Mechanical Engineering379M (Topic: High-Throughput Nanopatterning). Prerequisite: Electrical Engineering 411 and 339, and Mathematics 427K or 429J, with a grade of at least C- in each. meets with M E 397, E E 396V, M E 376N.

• 16350	TTH	500 - 630P	ETC 2.114	SREENIVASAN, S

E E 341 ELECTRIC DRIVES AND MACHINES

Fundamentals of electric machines. Electromechanical energy conversion; magnetic circuits, transformers, and energy conversion devices; and an introduction to power electronics. Motor drive fundamentals and applications. Prerequisite: Electrical Engineering 313 with a grade of at least C-. meets with E E 394 (TOPIC 13).

• 16355	TTH	930 - 1100	ECJ 1.308	FLYNN, M

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.

• 16360	TTH	330 - 500P	CPE 2.218	MCDERMOTT, M
	TTH	930 - 1100	EER 1.806	
• 16365	TTH	330 - 500P	CPE 2.218	MCDERMOTT, M
	TTH	1100 - 1230P	EER 1.806	
• 16370	TTH	330 - 500P	CPE 2.218	MCDERMOTT, M
	MW	1200 - 130P	EER 1.806	
• 16375	TTH	330 - 500P	CPE 2.218	MCDERMOTT, M
	TTH	1230 - 200P	EER 1.806	
• 16380	TTH	330 - 500P	CPE 2.218	MCDERMOTT, M
	MW	330 - 500P	EER 1.806	
• 16385	TTH	330 - 500P	CPE 2.218	MCDERMOTT, M
	MW	500 - 630P	EER 1.806	
• 16390	TTH	330 - 500P	CPE 2.218	MCDERMOTT, M
	TTH	500 - 630P	EER 1.806	
• 16395	TTH	330 - 500P	CPE 2.218	MCDERMOTT, M
	MW	800 - 930P	EER 1.806	

E E 445M EMBEDDED AND REAL-TIME SYS LAB

Real-time operating systems; implementation of context switching, threads, multitasking, real-time scheduling, synchronization, communication, storage, file systems, memory management, process linking and loading, hardware interfacing, and networking; debugging and testing; operating system performance, including latency, jitter, deadlines, deadlocks, and starvation; real-time systems, including data acquisition, sensing, actuating, digital control, signal processing, androbotics. Prerequisite: Electrical Engineering 445L (or 345L) or 445S (or 345S) 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 380L (TOPIC 12).

• 16400	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	MW	1030 - 1200	EER 1.806	
• 16405	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	MW	130 - 300P	EER 1.806	
• 16410	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	TTH	200 - 330P	EER 1.806	
• 16415	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	MW	630 - 800P	EER 1.806	
• 16420	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	TTH	630 - 800P	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.

• 16425	MW	1030 - 1200	RLM 7.116	EVANS, B
	F	100 - 400P	EER 1.810	

course	unique	days	time	room	instructor
	• 16430	MW	1030 - 1200	RLM 7.116	EVANS, B
		M	630 - 930P	EER 1.810	
	• 16435	MW	1030 - 1200	RLM 7.116	EVANS, B
		W	630 - 930P	EER 1.810	

E E 348 LASER AND OPTICAL ENGINEERING

Principles of operation and applications of lasers, optical modulators, and optical detectors. Prerequisite: Electrical Engineering 339 with a grade of at least C-. meets with E E 396V.

• 16440	MW	900 - 1030	MEZ 2.124	WANG, Z

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-.

• 16445	MW	900 - 1030		SANGHAVI, S
• 16450	TTH	930 - 1100	ECJ 1.214	ARAPOSTATHIS, A
• 16455	TTH	1230 - 200P	UTC 3.124	SANTACRUZ, P
• 16460	TTH	200 - 330P	ETC 2.136	SHAKKOTTAI, S

E E 351M DIGITAL SIGNAL PROCESSING

Sampling, aliasing, truncation effects; discrete and fast Fourier transform methods; convolution and deconvolution; finite and infinite impulse response filter design methods; Wiener, Kalman, noncausal, linear phase, median, and prediction filters; and spectral estimation. Prerequisite: Biomedical Engineering 343 or Electrical Engineering 313 with a grade of at least a C-, and credit with a grade of at least C- or registration for Biomedical Engineering 335 or Electrical Engineering 351K.

• 16465	TTH	330 - 500P	CPE 2.204	VIKALO, H

E E 160 SPEC PROBS IN ELEC & COMP ENGR

Laboratory 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.

• 16470

E E 360 SPEC PROBS IN ELEC & COMP ENGR

Laboratory 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.

• 16475

E E 460 SPEC PROBS IN ELEC & COMP ENGR

Laboratory 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.

• 16480

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-.

• 16485	TTH	930 - 1100	UTC 3.124	SANTACRUZ, P
• 16490	TTH	1230 - 200P	CAL 100	JULIEN, C

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.

• 16495	TTH	1230 - 200P	CPE 2.208	CARAMANIS, C
	F	900 - 1200	RLM 5.126	
• 16500	TTH	1230 - 200P	CPE 2.208	CARAMANIS, C
	F	1200 - 300P	SZB 284	
• 16505	TTH	1230 - 200P	CPE 2.208	CARAMANIS, C
	TH	330 - 630P	MEZ 1.212	
• 16510	TTH	1230 - 200P	CPE 2.208	CARAMANIS, C
	TH	630 - 930P	GDC 2.410	

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.

• 16515	TTH	1100 - 1230P	ECJ 1.214	TOUBA, N
	F	100 - 400P	EER 0.724	
• 16520	TTH	1100 - 1230P	ECJ 1.214	TOUBA, N
	TH	330 - 630P	EER 0.724	
• 16525	TTH	1100 - 1230P	ECJ 1.214	TOUBA, N
	TH	630 - 930P	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.

• 16530	MW	500 - 630P	EER 1.516	PATT, Y
	F	1200 - 130P	EER 1.512	
• 16535	MW	500 - 630P	EER 1.516	PATT, Y
	F	130 - 300P	EER 1.512	
• 16540	MW	500 - 630P	EER 1.516	PATT, Y
	F	300 - 430P	EER 1.512	
• 16545	MW	500 - 630P	EER 1.516	PATT, Y
	TH	500 - 630P	RLM 5.124	
• 16550	MW	500 - 630P	EER 1.516	PATT, Y
	TH	630 - 800P	RLM 5.124	

E E 360P CONCURRENT AND DISTRIBUTED SYS

An investigation of concurrency, lock-based and lock-free synchronization, resource allocation, multi-threaded programming, distributed systems programming, mutual exclusion, global snapshots, global property evaluation, message ordering, consensus, Byzantine agreement, commit protocols. Prerequisite: Electrical Engineering 422C (or 322) and 360C with a gradeof at least C-.

• 16555	TTH	1100 - 1230P	CPE 2.208	GARG, V

E E 360T SOFTWARE TESTING

Basic concepts and techniques used in testing software and finding bugs.Includes process, unit, integration, and system testing; manual and automatic techniques for generation of test inputs and validation of test outputs; and coverage criteria. Focus on functional testing. Electrical Engineering 360T and 379K (Topic: Software Testing) may not both be counted. Prerequisite: One of the following with a grade of at least C-: ComputerScience 314 or 314H, or Electrical Engineering 422C. meets with E E 382C (TOPIC 16).

• 16560	MW	900 - 1030	UTC 4.110	KHURSHID, S

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.

• 16565	TTH	1100 - 1230P	CPE 2.212	EBERLEIN, M
	W	630 - 930P	GDC 2.502	
• 16570	TTH	1100 - 1230P	CPE 2.212	EBERLEIN, M
	T	330 - 630P	EER 1.512	
• 16575	TTH	1100 - 1230P	CPE 2.212	EBERLEIN, M
	T	630 - 930P	EER 1.512	
• 16580	TTH	200 - 330P	CPE 2.212	EBERLEIN, M
	F	1200 - 300P	CAL 200	
• 16585	TTH	200 - 330P	CPE 2.212	EBERLEIN, M
	TH	330 - 630P	EER 1.512	
• 16590	TTH	200 - 330P	CPE 2.212	EBERLEIN, M
	TH	630 - 930P	EER 1.512	

E E 461P DATA SCIENCE PRINCIPLES

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.

• 16595	MW	900 - 1030	RLP 0.102	SANGHAVI, S

E E 461S OPERATING SYSTEMS

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.

• 16600	TTH	930 - 1100	UTC 3.122	YERRABALLI, R

Utilities

course	unique	days	time	room	instructor

E E 362G SMART GRIDS

Fundamentals of smart electric power grids; smart grid architecture, communications, measurement, sensing, design, performance, standards andcyber security; distributed energy, renewable sources, and energy storage; interoperability. Electrical Engineering 362G and 379K (Topic: Smart Grids) may not both be counted. Prerequisite: Electrical Engineering 368L or 369 with a grade of at least C-.

• 16605	TTH	200 - 330P	ECJ 1.314	BALDICK, 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.

• 16610	TTH	930 - 1100	SZB 296	CUEVAS, A

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 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).

• 16615	TTH	1230 - 200P	ECJ 1.306	FLYNN, M
	F	900 - 1200	EER 1.808	
• 16620	TTH	1230 - 200P	ECJ 1.306	FLYNN, M
	W	630 - 930P	EER 1.808	

E E 363M MICROWAVE AND RADIO FREQ ENGR

Design principles in microwave and radio frequency systems; transmission lines and waveguides; S-parameter representation; impedance matching; microwave network analysis; microwave devices and components; electromagnetic effects in high-speed/high-frequency applications. Prerequisite: Electrical Engineering 325 with a grade of at least C-.

• 16625	MW	1030 - 1200	RLM 5.126	NEIKIRK, D

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.

• 16630	MW	1200 - 100P	CPE 2.212	HALLOCK, G
	M	630 - 930P		

E E 464H HONORS SENIOR DESIGN PROJECT

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 464R, E E 464K, E E 464S.

• 16635	MW	300 - 430P	BEL 328	HALLOCK, G
	MW	1200 - 300P		

E E 464K SENIOR DESIGN PROJECT

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 464R, E E 464H, E E 464S.

• 16640	MW	300 - 430P	BEL 328	HALLOCK, G
	MW	1200 - 300P	EER 1.814	

E E 464R RESEARCH SENIOR DESIGN PROJECT

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 464K, E E 464H, E E 464S.

• 16645	MW	300 - 430P	BEL 328	HALLOCK, G
	MW	1200 - 300P		

E E 464S START-UP SENIOR DESIGN PROJECT

Continuation of Electrical Engineering 364E. Completion of a practical engineering product design; validation of the design through prototype construction and testing, modeling and simulation, and manufacturability analysis. Development of a completed company prospectus, seeking venturefunding for the project. Electrical Engineering 364E and 464S may not be counted by students withcredit for 364D, 464H, 464K, or 464R. Prerequisite: Electrical Engineering 364E with a grade of at least C-; one of the following courses with a grade of at least C-: Electrical Engineering 438, 440, 445L, 445S, 460J, 461L, 462L, 471C; and consent of instructor. meets with E E 464K, E E 464H, E E 464R.

• 16650	MW	300 - 430P	BEL 328	MCDERMOTT, M
	MW	1200 - 300P		

E E 368L POWER SYSTEMS APPARATUS & LAB

Fundamentals of power systems emphasized through laboratory experiments;complex power, three-phase circuits, per-unit system, transformers, synchronous machines, transmission line models, steady-state analysis, induction machines, capacitor banks, protective relaying, surge arrestors, and instrumentation. Electrical Engineering 368L and 379K (Topic: Power Systems Apparatus andLaboratory) may not both be counted. Prerequisite: Electrical Engineering 313 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 394L.

• 16655	MW	900 - 1030	GDC 1.406	SANTOSO, S
	TH	330 - 630P	EER 1.832	

POWER SYSTEMS APPARATUS & LAB

Restricted enrollment; contact the department for permission to register for this class. Fundamentals of power systems emphasized through laboratory experiments;complex power, three-phase circuits, per-unit system, transformers, synchronous machines, transmission line models, steady-state analysis, induction machines, capacitor banks, protective relaying, surge arrestors, and instrumentation. Electrical Engineering 368L and 379K (Topic: Power Systems Apparatus andLaboratory) may not both be counted. Prerequisite: Electrical Engineering 313 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 394L.

• 16660	MW	900 - 1030	GDC 1.406	SANTOSO, S
	T	330 - 630P	EER 1.832	
• 16665	MW	900 - 1030	GDC 1.406	SANTOSO, S
	W	500 - 800P	EER 1.832	
• 16670	MW	900 - 1030	GDC 1.406	SANTOSO, S
	T	630 - 930P	EER 1.832	

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.

• 16675

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.

• 16680

E E 379K INFORMATION SECURITY & PRIVACY

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing, Electrical Engineering 312 or 313with a grade of at least C-, and consent of instructor.

• 16685	MW	1030 - 1200	EER 1.518	BARBER, K

E E 380L 12-REAL-TIME OPERATING SYS LAB

Course number may be repeated for credit when the topics vary. Real-time operating systems; implementation of context switching, threads, multitasking, real-time scheduling, synchronization, communication, storage, file systems, memory management, process linking and loading, hardware interfacing, and networking; debugging and testing; operating system performance, including latency, jitter, deadlines, deadlocks, and starvation; real-time systems, including data acquisition, sensing, actuating, digital control, signal processing, androbotics. Electrical Engineering 380L (Topic 12) and 380L (Topic 6: Real-Time Operating Systems) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Basic knowledge of the design and implementation of mircocontroller-based embedded systems or consent of instructor. meets with E E 445M.

• 16690	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	MW	1030 - 1200	EER 1.806	
• 16695	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	MW	130 - 300P	EER 1.806	
• 16700	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	TTH	200 - 330P	EER 1.806	
• 16705	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	MW	630 - 800P	EER 1.806	
• 16710	TTH	330 - 500P	ECJ 1.308	GERSTLAUER, A
	TTH	630 - 800P	EER 1.806	

course unique days time room instructor

E E 381K 13-ANLY AND DSGN OF COMM NETWK
Course number may be repeated for credit when the topics vary. Stochastic and deterministic traffic and queueing models. Techniques forcall admission, routing, flow control, network optimization, estimation,and decision making in uncertain environments. Prerequisite: Graduate standing; additional prerequisites vary with topic. Additional prerequisite: Electrical Engineering 381J and 381K (Topic 15) (or 382N (Topic 5: Communication Networks: Technology, Architectures, and Protocols)).
• 16715 TTH 1100 - 1230P ECJ 1.318 DE VECIANA, G

E E 381S SPACE-TIME COMMUNICATION
Multiple-input multiple-output (MIMO) wireless communication, including discrete-time signal models, equalization, and channel estimation; channel models; channel capacity; average probability of error in fading channels; channel coding; transmit and receive diversity; space-time codes; spatial multiplexing; precoding and limited feedback; space-time adaptation; multiuser communication; multiuser information theory; practical multiuser algorithms; and applications in recent standards. Electrical Engineering 381S and 381V (Topic: Advanced Wireless: Space-Time Communication) may not both be counted. Prerequisite: Graduate standing and Electrical Engineering 381J and 381K (Topic 2: Digital Communications).
• 16720 MW 130 - 300P ETC 2.132 HEATH, R

E E 381V SPEC TPCS IN MACHINE LEARNING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 16725 TTH 1230 - 200P ECJ 1.312 GHOSH, J

CODING THEORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with C S 395T.
• 16730 TTH 330 - 500P ECJ 1.312 ZUCKERMAN, D

GAME THEORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 16735 TTH 200 - 330P ECJ 1.306 NIKOLOVA, E

LARGE SCALE OPTIMIZATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 16740 TTH 900 - 1030 ECJ 1.312 CARAMANIS, C

E E 382C 16-SOFTWARE TESTING
Course number may be repeated for credit when the topics vary. Basic concepts and techniques for testing software and finding bugs. Subjects include the testing process, unit, integration and system testing, manual and automatic techniques for generation of test inputs and validation of test outputs, and coverage criteria, and focus on functional testing. A collaborative project forms a part of the evaluation. Electrical Engineering 382C (Topic 16) and 382V (Topic: Software Testing) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Consent of instructor. meets with E E 360T.
• 16745 MW 900 - 1030 UTC 4.110 KHURSHID, S

E E 382M 1-VLSI TESTING
Course number may be repeated for credit when the topics vary. Hardware and software reliability analysis of digital systems; testing, design for testability, self-diagnosis, fault-tolerant logic design, error-detecting and error-correcting codes. Prerequisite: Graduate standing.
• 16750 TTH 200 - 330P ECJ 1.312 TOUBA, N

8-VLSI II
Course number may be repeated for credit when the topics vary. Microelectronic systems architecture; VLSI circuit testing methods; integration of heterogeneous computer-aided design tools; wafer scale integration; advanced high-speed circuit design and integration. Prerequisite: Graduate standing.
• 16755 MW 300 - 430P ECJ 1.318 KULKARNI, J

11-VERIFICATION OF DIGITAL SYS
Course number may be repeated for credit when the topics vary. Automatic verification of digital systems; formal models and specifications, equivalence checking, design verification, temporal logic, BDDs, logical foundations, automata theory, recent developments. Prerequisite: Graduate standing.
• 16760 TH 630 - 930P ECJ 1.312 ABRAHAM, J

23-LOW-POWER & ROBUSTNESS DSGN
Course number may be repeated for credit when the topics vary. Nanometer transistors and models; design-time and runtime techniques for dynamic and standby power minimization; power minimization at circuit and architecture levels; power minimization for logic, memory, and interconnect; sources of variability; statistical data collection and analysis of variance; statistical circuit simulation and timing analysis; manufacturability and resolution enhancement techniques. Electrical Engineering 382M (Topic 23) and 382V (Topic: Nanometer Scale IC Design) may not both be counted. Prerequisite: Graduate standing. Additional prerequisite: Consent of instructor.
• 16765 MW 900 - 1030 ECJ 1.312 ORSHANSKY, M

E E 382N 17-SUPERSCALAR MICROPROC ARCH
Course number may be repeated for credit when the topics vary. Superscalar processor architectures; instruction level parallelism; machine level parallelism; superscalar organization; instruction windows; reservation station; register data flow; register renaming; reorder buffers; memory disambiguation; branch prediction; value prediction; instruction reuse techniques; comparison with very long instruction word (VLIW), single instruction-multiple data (SIMD), and multiple instruction-multiple data (MIMD) approaches; memory systems for superscalar processors; design for performance and power efficiency; performance evaluation of superscalar processors; and case studies. Prerequisite: Graduate standing.
• 16770 TTH 1100 - 1230P ECJ 1.312 JOHN, L

20-COMP ARCH: PARALLISM/LOCLTY
Course number may be repeated for credit when the topics vary. Hardware and software parallelism and locality mechanisms, and their impact on processor performance, bandwidth, and power requirements; architectures and microarchitectures of throughput-oriented processors that rely on parallelism, locality, and hierarchical control; parallel memory systems; and streaming and bulk execution and programming models. Includes programming and measuring performance on massively parallel processors. Electrical Engineering 382N (Topic 20) and 382V (Topic: Principles of Computer Architecture) may not both be counted. Prerequisite: Graduate standing.
• 16775 MW 130 - 300P ECJ 1.222 EREZ, M

E E 382V ANLG FLTRS/OVRSMPLNG CNVTRS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 16780 TTH 630 - 800P ECJ 1.308 ZANBAGHI, R

INTRO BLCKCHN/SMART CNTRCTS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 16784 VISHWANATH, S

E E 383P 6-SEMICON OPTOELECTRONIC DEVCS
Course number may be repeated for credit when the topics vary. Semiconductor materials and nanomaterials growth. Light-matter interaction in bulk and nanostructures, including both band-to-band and intersubband transitions. Bandstructure in real-space and k-space. Photonic devices and their design: light-emitting diodes (LEDs), photodetectors, modulators, solar cells, and semiconductor lasers (diode and quantum cascade). Prerequisite: Graduate standing in engineering, mathematics, chemistry, or physics. Additional prerequisites: Electrical Engineering 325, 334K, and 339, or their equivalents.
• 16785 MW 130 - 300P EER 1.512 BANK, S

8-OPTICAL COMMUNICATIONS
Course number may be repeated for credit when the topics vary. Concepts behind research and development in optical communications and optical interconnects. Device physics and system applications. Advanced technology solutions and innovative manufacturing processes to deliver optical passive and active micro- and nanodevices that enable the deployment of short-haul and metropolitan area all-optical networks for communications and for sensing networks. Prerequisite: Graduate standing in engineering, mathematics, chemistry, or physics. Additional prerequisites: Electrical Engineering 325 and 339, or their equivalent.
• 16790 MW 1030 - 1200 ECJ 1.318 CHEN, R

E E 383V NONLINEAR OPTICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 16795 MW 430 - 600P ECJ 1.304 BELKIN, M

E E 384N 2-ACOUSTICS II
Course number may be repeated for credit when the topics vary. Spherical and cylindrical waves, radiation and scattering, multipole expansions, Green's functions, waveguides, sound beams, Fourier acoustics, Kirchhoff theory of diffraction, and arrays. Prerequisite: Graduate standing and consent of instructor. same as M E 384N (TOPIC 2).
• 16800 MWF 900 - 1000 ETC 5.132 HAMILTON, M

4-NONLINEAR ACOUSTICS
Course number may be repeated for credit when the topics vary. Waveform distortion and shock formation, harmonic generation and spectral interactions, effects of absorption and dispersion, parametric arrays, Rankine-Hugoniot relations, weak shock theory, numerical modeling, radiation pressure, and acoustic streaming. Prerequisite: Graduate standing and consent of instructor. same as M E 384N (TOPIC 4). also meets with M E 384N (TOPIC 8).
• 16805 MWF 1100 - 1200 ETC 5.132 HAMILTON, M

7-ULTRASONICS
Course number may be repeated for credit when the topics vary. Acoustic wave propagation in fluids, elastic solids, and tissue; transducers, arrays, and beamforming; nondestructive evaluation; and acoustical imaging. Prerequisite: Graduate standing and consent of instructor. same as M E 384N (TOPIC 7).
• 16810 TTH 330 - 500P ETC 5.132 HABERMAN, M

E E 385J 32-PROJECTS IN BIOMEDICAL ENGR
Course number may be repeated for credit when the topics vary. An in-depth examination of selected topics, such as optical and thermal properties of laser interaction with tissue; measurement of perfusion inthe microvascular system; diagnostic imaging; interaction of living systems with electromagnetic fields; robotic surgical tools; ophthalmic instrumentation; noninvasive cardiovascular measurements. Prerequisite: Graduate standing in engineering and consent of instructor. Additional prerequisite: Biomedical Engineering 384J (Topic 1) or Electrical Engineering 385J (Topic 31). same as BME 384J (TOPIC 5). also meets with BME 374L.
• 16815 TTH 1230 - 200P GDC 5.304 RYLANDER, H
TTH 200 - 500P BME 1.338

E E 391C TECHNICAL ENTREPRENEURSHIP
Introduction to the technology-based company: entrepreneurship, intrapreneurship, strategic planning, finance, marketing, sales, operations, research and development, manufacturing, and management. Student teams form hypothetical companies and

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simulate their ventures over an extended period; presentations and reports are required. Prerequisite: Graduate standing.

• 16820	MW	700 - 830P	GAR 2.124	VISHWANATH, S

E E 392L COMPUTATIONAL ELECTROMAGNETICS

Fundamental computational modeling and analysis techniques for applications in antennas, microwave circuits, biomedical engineering, and geophysics. Emphasis on boundary-value problem formulation, numerical methods, computer implementation, and error quantification. Includes differential and integral equation-based methods for solving Maxwell's equations in frequency and time domains. Electrical Engineering 383V (Topic: Computational Electromagnetics) and 392L may not both be counted. Prerequisite: Graduate standing.

• 16825	TTH	1230 - 200P		YILMAZ, A

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.

• 16830	TTH	1230 - 200P	ECJ 1.306	FLYNN, M
	F	900 - 1200	EER 1.808	
• 16835	TTH	1230 - 200P	ECJ 1.306	FLYNN, M
	W	630 - 930P	EER 1.818	

13-INTEL MOTION FOR ROBOT/CONT

Course number may be repeated for credit when the topics vary. Electric drives and machines used in computers, robotics, and biomedical applications; and special electric drives and machines used in industry and power systems. Includes magnetic circuits and magnetic materials; electromechanical energy conversion principles; rotating and linear machine concepts, including synchronous, induction, DC, and variable reluctance machines; Park's equations; vector and tensor control of induction motors; sensors, actuators, and microcontrollers; and electromagnetic levitation. Prerequisite: Graduate standing in electrical engineering, or graduate standing and consent of instructor. meets with E E 341.

• 16840	TTH	930 - 1100	ECJ 1.308	FLYNN, M

E E 394J 11-ADV TPCS IN PWR ELECTRONICS

Course number may be repeated for credit when the topics vary. Modeling and analysis of DC-to-DC converters; analysis of switched systems; real components; power electronics converters for renewable and alternative energy generation and storage; maximum power point tracking; grid interaction; islanding; linear and nonlinear control methods in power electronics; and an introduction to reliability. Electrical Engineering 394J (Topic 11) and 394V (Topic: Advanced Topics in Power Electronics). Prerequisite: Graduate standing. Additional prerequisites: Consent of instructor.

• 16845	MW	130 - 300P	GDC 2.402	HUANG, Q

E E 394L POWER SYSTEMS APPARATUS & LAB

Fundamentals of power systems emphasized through laboratory experiments. Includes complex power, three-phase circuits, per-unit system, transformers, synchronous machines, transmission line models, steady-state analysis, induction machines, capacitor banks, protective relaying, surge arrestors, and instrumentation. Electrical Engineering 394L and 394V (Topic: Power Systems Apparatus and Laboratory) may not both be counted. Prerequisite: Graduate standing. meets with E E 368L.

• 16850	MW	900 - 1030	GDC 1.406	SANTOSO, S
	T	330 - 630P	EER 1.832	
• 16855	MW	900 - 1030	GDC 1.406	SANTOSO, S
	TH	330 - 630P	EER 1.832	
• 16860	MW	900 - 1030	GDC 1.406	SANTOSO, S
	W	500 - 800P	EER 1.832	
• 16865	MW	900 - 1030	GDC 1.406	SANTOSO, S
	T	630 - 930P	EER 1.832	
• 16870	MW	900 - 1030	GDC 1.406	SANTOSO, S
	TH	630 - 930P	EER 1.832	

E E 394V DATA ANALYTICS: POWER SYS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with E E 394V.

• 16874	MW	300 - 430P	ECJ 1.222	

POWER SYS OPERATNS/CONTROL

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with E E 394V.

• 16875	MW	300 - 430P	ECJ 1.222	ZHU, H

E E 396K 2-SEMICONDUCTOR PHYSICS

Course number may be repeated for credit when the topics vary. Theory of electron, magnetic, and electro-optic devices. Introduction to the fundamental physics of charge carrier states in semiconductors, charge carrier interactions among themselves and with the environment, and charge transport in semiconductors and their heterostructures. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Electrical Engineering 334K or the equivalent; Electrical Engineering 339 or the equivalent is recommended.

• 16880	MW	130 - 300P	ECJ 1.304	REGISTER, L

8-ULTRA LRG SCALE INTEG TECHNQ

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.

• 16885	MW	1030 - 1200	EER 1.512	BANERJEE, S
	T	630 - 930P	EER 0.744	
• 16890	MW	1030 - 1200	EER 1.512	BANERJEE, S
	TH	630 - 930P	EER 0.744	

21-NANOSCALE DEVICE PHYS/TECH

Course number may be repeated for credit when the topics vary. Theory of electron, magnetic, and electro-optic devices. Physical principles and operational characteristics of semiconductor devices. Physics of metal-oxide-semiconductor field-effect transistors (MOSFET) and bipolar junction transistors (BJT). Advanced discussion of short-channel effects, ultra-thin oxide and high-K gate dielectrics, semiconductor interface characterization, hot-electron effects, lightly-doped drain devices (LDD), subthreshold characteristics, complementary-symmetry metal-oxide- semiconductor (CMOS) latchup, gate-induced leakage current of MOSFETs, poly-depletion and quantum mechanical effects, silicon on insulator (SOI) devices, strained-Si, advanced 3-D devices and bandgap narrowing effect, Webster effect, Kirk effect, punchthrough and avalanche breakdown, base transit time for bipolar transistors, and scaling issues of both BJT and MOSFETs. Prerequisite: Graduate standing and consent of instructor. Additional prerequisite: Electrical Engineering 339 or the equivalent.

• 16895	MW	900 - 1030	ECJ 1.306	LEE, J

23-SEMICOND HETEROSTRUCTURES

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. Prerequisite: Graduate standing and consent of instructor.

• 16900	MW	300 - 430P	ECJ 1.306	YU, E

E E 396V CARBON AND 2D DEVICES

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 16905	MW	500 - 630P	ECJ 1.306	AKINWANDE, D

HIGH THROUGHPUT NANOPATTERNING

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with M E 397, E E 340P, M E 376N.

• 16910	TTH	500 - 630P	ETC 2.114	SREENIVASAN, S

LASER AND OPTICAL ENGINEERING

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with E E 348.

• 16915	MW	900 - 1030	MEZ 2.124	WANG, Z

SOLAR ENERGY CONVERSN DEVICES

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with E E 339S.

• 16920	MW	500 - 630P	ECJ 1.222	DODABALAPUR, A

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.

• 16925

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.

• 16930

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.

• 16935

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.

• 16940

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.

• 16945

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.

• 16950

E E 197S GRADUATE SEMINAR IN ELEC ENGR

May be repeated for credit. Prerequisite: Graduate standing.

• 16955	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.
• 16960

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.
• 16965

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.
• 16970

MASTER'S REPORT-ICS
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. Restricted to students in the ECE Integrated Circuits and Systems program.
• 16975

MASTER'S REPORT-SE
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. Restricted to students in the ECE Software Engineering Program.
• 16980

E E 398T SUPV TEACHING IN ELEC ENGR
Hour(s) to be arranged. Offered on the credit/no credit basis only. 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.
• 16985

E E 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 16990

E E 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 16995

E E 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 17000

E E 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Electrical Engineering 399R, 699R, or 999R.
• 17005

E E 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Electrical Engineering 399R, 699R, or 999R.
• 17010

E E 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Electrical Engineering 399R, 699R, or 999R.
• 17015

ENGINEERING MANAGEMENT

Engineering Management - ENM

ENM 380 4-MARKETING IN ENGR ENVIRONMT
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. Major marketing concepts and variables, their interrelationships, and their implications for policy making, problem solving, and strategy formulation. Engineering Management 380 (Topic 3) and 380 (Topic 4) may not both be counted. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program. Class meets January 11, 12, February 1,2, March 1,2, April 5,6, and May 3-4.
• 17069 NICHOLS, S

ENM 383 3-CREATV, INNOV, & PROD DEVEL
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. Analysis of design at chip, board, and system levels; life cycle implications of design decisions; economic and customer-driven factors. Prerequisite: Graduate standing and admission to the engineering management degree program. Restricted to students in the Engineering Management program.
• 17070

ENM 397P PROJECTS IN ENGR MANAGEMENT
Hour(s) to be arranged. Offered on the letter-grade basis only. 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.
• 17075

ENM 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. 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.
• 17080

ENM 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. 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.
• 17085

ENM 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 and admission to the engineering management degree program. Restricted to students in the Engineering Management program.
• 17090

MANUFACTURING SYSTEMS ENGINEERING

Manufacturing Systems Engineering - MFG

MFG 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 manufacturing systems engineering and consent of the graduate adviser; for 698B, ManufacturingSystems Engineering 698A.
• 17145

MFG 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 manufacturing systems engineering and consent of the graduate adviser; for 698B, ManufacturingSystems Engineering 698A.
• 17150

MFG 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 manufacturing systems engineering and consent of the graduate adviser.
• 17155

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. Presentation of research topics by invited speakers, faculty, and students. Prerequisite: Graduate standing.
• 17210 W 1200 - 100P FAN, D

MSE 197R RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 17215

MSE 297R RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 17220

MSE 397R RESEARCH
Hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 17225

10/11/2018

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.
• 17230

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.
• 17235

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.
• 17240

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.
• 17245

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.
• 17250

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.
• 17255

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.
• 17260

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.
• 17265

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.
• 17270

DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering - M E
Operations Research and Industrial Engineering - ORI

M E 302 INTRO TO ENGR DSGN & GRAPH-GER
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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 the following may be counted: Mechanical Engineering 302, 210, 210H. Prerequisite: Credit or registration for Mathematics 408C or 408K. Restricted to students in the Maymester Abroad Program. Class meets June 4-July 5. Taught in Freiburg, Germany. Students must consult with the department as travel and orientation dates may be in addition to these da tes.
• 17325 WOOD, B

INTRO TO ENGR DSGN & GRAPHICS
Designed to accommodate 35 or fewer students. 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 the following may be counted: Mechanical Engineering 302, 210, 210H. Prerequisite: Credit or registration for Mathematics 408C or 408K. meets with M E 210.
• 17330 MW 900 - 1100 ETC 3.142
M 300 - 400P CPE 2.214
• 17335 MW 1100 - 100P ETC 3.142
M 300 - 400P CPE 2.214
• 17340 TTH 1100 - 100P ETC 3.142
M 300 - 400P CPE 2.214

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 the following may be counted: Mechanical Engineering 302, 210, 210H. Prerequisite: Credit or registration for Mathematics 408C or 408K. meets with M E 210.
• 17345 MW 100 - 300P ETC 3.142
M 400 - 500P CPE 2.214

INTRO TO ENGR DSGN & GRAPHICS
Designed to accommodate 35 or fewer students. 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 the following may be counted: Mechanical Engineering 302, 210, 210H. Prerequisite: Credit or registration for Mathematics 408C or 408K. meets with M E 210.
• 17350 TTH 100 - 300P ETC 3.142
M 300 - 400P CPE 2.214

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 the following may be counted: Mechanical Engineering 302, 210, 210H. Prerequisite: Credit or registration for Mathematics 408C or 408K. meets with M E 210.
• 17355 TTH 300 - 500P ETC 3.142
M 400 - 500P CPE 2.214
• 17360 MW 500 - 700P ETC 3.142
M 400 - 500P CPE 2.214

M E 103 STDS IN ENGR DESIGN GRAPHICS
Laboratory 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.
• 17365 M 300 - 400P
• 17370 M 400 - 500P

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.
• 17375 MW 900 - 1100 ETC 3.142
• 17380 MW 1100 - 100P ETC 3.142
• 17385 TTH 1100 - 100P ETC 3.142
• 17390 MW 100 - 300P ETC 3.142
• 17395 TTH 100 - 300P ETC 3.142
• 17400 TTH 300 - 500P ETC 3.142
• 17405 MW 500 - 700P ETC 3.142

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.
• 17410 TTH 900 - 1100 ETC 3.142
• 17415 MW 300 - 500P ETC 3.142

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 or 408M, and Physics 301 or 303K with a grade of at least C- in each.
• 17420 TTH 800 - 930 ETC 2.108 MATTHEWS, R

course	unique	days	time	room	instructor

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.

unique	days	time	room	instructor
• 17425	TTH	1230 - 200P	ETC 2.136	
	F	900 - 1000	ETC 7.146	
• 17430	TTH	1230 - 200P	ETC 2.136	
	F	1000 - 1100	ETC 7.146	
• 17435	TTH	1230 - 200P	ETC 2.136	
	F	1100 - 1200	ETC 7.146	
• 17440	TTH	1230 - 200P	ETC 2.136	
	F	1200 - 100P	ETC 7.146	

DYNAMICS

Designed to accommodate 100 or more students. 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.

unique	days	time	room	instructor
• 17445	MWF	900 - 1000	ETC 2.108	
	F	100 - 200P	ETC 5.132	
• 17450	MWF	900 - 1000	ETC 2.108	
	F	100 - 200P	ETC 7.146	
• 17455	MWF	900 - 1000	ETC 2.108	
	F	200 - 300P	ETC 7.146	
• 17460	MWF	900 - 1000	ETC 2.108	
	F	300 - 400P	ETC 7.146	

DYNAMICS-FRA

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Maymester Abroad Program. Class meets June 4-July 11. Taught in Toulouse, France and Barcelona, Spain. Students must consult with the department as travel and orientation dates may be in addition to these dates. meets with E M 311M.

unique	days	time	room	instructor
• 17465				CONNOLLY, T

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 or 408M, and Physics 301 or 303K with a grade of at least C- in each.

unique	days	time	room	instructor
• 17470	MWF	1100 - 1200	ETC 2.108	HALL, M
	W	400 - 500P	ETC 4.150	
• 17475	MWF	1100 - 1200	ETC 2.108	HALL, M
	W	400 - 500P	ETC 5.132	
• 17480	MWF	1100 - 1200	ETC 2.108	HALL, M
	W	500 - 600P	ETC 4.150	
• 17485	MWF	1100 - 1200	ETC 2.108	HALL, M
	W	500 - 600P	ETC 5.132	

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-.

unique	days	time	room	instructor
• 17490	TTH	800 - 930	CPE 2.214	
	M	200 - 330P	ETC 2.140	
• 17495	TTH	800 - 930	CPE 2.214	
	M	330 - 500P	ETC 2.140	
• 17500	TTH	800 - 930	CPE 2.214	
	M	500 - 630P	ETC 2.140	
• 17505	TTH	800 - 930	CPE 2.214	
	M	630 - 800P	ETC 2.140	
• 17510	TTH	1100 - 1230P	ETC 2.108	
	T	200 - 330P	ETC 2.140	
• 17515	TTH	1100 - 1230P	ETC 2.108	
	T	330 - 500P	ETC 2.140	
• 17520	TTH	1100 - 1230P	ETC 2.108	
	T	500 - 630P	ETC 2.140	
• 17525	TTH	1100 - 1230P	ETC 2.108	
	T	630 - 800P	ETC 2.140	

M E 325LX COOPERATIVE ENGINEERING

May be repeated for credit. This course covers the work period of mechanical engineering students inthe Cooperative Engineering Program. Only one of the following may be counted: Mechanical Engineering 325L, 362K, 371K, 177K, 277K, 377K. The student must complete Mechanical 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, Mechanical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Mechanical Engineering 325LY and appointment for a full-time cooperativework tour.

• 17530

M E 325LY COOPERATIVE ENGINEERING

May be repeated for credit. This course covers the work period of mechanical engineering students inthe Cooperative Engineering Program. Only one of the following may be counted: Mechanical Engineering 325L, 362K, 371K, 177K, 277K, 377K. The student must complete Mechanical 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, Mechanical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Mechanical Engineering 325LY and appointment for a full-time cooperativework tour.

• 17535

M E 325LZ COOPERATIVE ENGINEERING

May be repeated for credit. This course covers the work period of mechanical engineering students inthe Cooperative Engineering Program. Only one of the following may be counted: Mechanical Engineering 325L, 362K, 371K, 177K, 277K, 377K. The student must complete Mechanical 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, Mechanical Engineering 325LX and appointment for a full-time cooperative work tour; for 325LZ, Mechanical Engineering 325LY and appointment for a full-time cooperativework tour.

• 17540

M E 225MA 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.

• 17545

M E 225MB COOPERATIVE ENGINEERING

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.

• 17550

M E 125N COOPERATIVE ENGINEERING

May be repeated for credit. This course covers the work period of mechanical engineering students in the Cooperative Engineering Program. Prerequisite: Mechanical 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.

• 17555

M E 329S INTL PERSPTS ON BME DESIGN-POR

Course number may be repeated for credit when the topics vary. Used to record credit the student earns while enrolled at another institution in a program administered by the University's Study Abroad Office. Credit is recorded as assigned by the study abroad adviser in the Department of Mechanical Engineering. University credit is awarded for work in an exchange program; it may be counted as coursework taken in residence. Transfer credit is awarded for work in an affiliated studies program. Restricted to students in the Maymester Abroad Program; contact the Study Abroad Office for permission to register for this class. Class meets May 25-June 25. Taught in Porto, Portugal. Students must consult with dep artment as travel and orientation dates may be in addition to these dates.

• 17560 MARKEY, M

TOPICS IN MECHANICAL ENGR-GBR

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Used to record credit the student earns while enrolled at another institution in a program administered by the University's Study Abroad Office. Credit is recorded as assigned by the study abroad adviser in the Department of Mechanical Engineering. University credit is awarded for work in an exchange program; it may be counted as coursework taken in residence. Transfer credit is awarded for work in an affiliated studies program. Restricted to students in the Maymester Abroad Program. Class meets May 22-June 22. Taught in Cambridge, England. Students must consult department as travel and orientation dates may be in addition to these dates.

• 17565 TUNNELL, J

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.

• 17570 TTH 930 - 1100 ETC 2.108

FLUID MECHANICS

Designed to accommodate 100 or more students. 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,

course	unique	days	time	room	instructor

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.

• 17575	TTH	200 - 330P	BEL 328	

M E 130L EXPERIMENTAL FLUID MECHANICS

Designed to accommodate 100 or more students. 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.

• 17580	T	500 - 600P	BEL 328	ELLZEY, J
	W	800 - 1000	ETC 1.204	
• 17585	T	500 - 600P	BEL 328	ELLZEY, J
	W	1000 - 1200	ETC 1.204	
• 17590	T	500 - 600P	BEL 328	ELLZEY, J
	F	1000 - 1200	ETC 1.204	
• 17595	T	500 - 600P	BEL 328	ELLZEY, J
	W	1200 - 200P	ETC 1.204	
• 17600	T	500 - 600P	BEL 328	ELLZEY, J
	TH	1200 - 200P	ETC 1.204	
• 17605	T	500 - 600P	BEL 328	ELLZEY, J
	F	1200 - 200P	ETC 1.204	
• 17610	T	500 - 600P	BEL 328	ELLZEY, J
	W	200 - 400P	ETC 1.204	
• 17615	T	500 - 600P	BEL 328	ELLZEY, J
	TH	200 - 400P	ETC 1.204	
• 17620	T	500 - 600P	BEL 328	ELLZEY, J
	W	400 - 600P	ETC 1.204	
• 17625	T	500 - 600P	BEL 328	ELLZEY, J
	TH	400 - 600P	ETC 1.204	
• 17630	T	500 - 600P	BEL 328	ELLZEY, J
	T	600 - 800P	ETC 1.204	
• 17635	T	500 - 600P	BEL 328	ELLZEY, J
	W	600 - 800P	ETC 1.204	
• 17636	T	500 - 600P	BEL 328	ELLZEY, J
	TH	700 - 900P	ETC 1.204	
• 17640	T	500 - 600P	BEL 328	ELLZEY, J
	TH	600 - 800P	ETC 1.204	
• 17641	T	500 - 600P	BEL 328	ELLZEY, J
	T	800 - 1000	ETC 1.204	
• 17642	T	500 - 600P	BEL 328	ELLZEY, J
	F	800 - 1000	ETC 1.204	
• 17643	T	500 - 600P	BEL 328	ELLZEY, J
	T	1200 - 200P	ETC 1.204	
• 17644	T	500 - 600P	BEL 328	ELLZEY, J
	TH	500 - 700P	ETC 1.204	

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-.

• 17645	MW	900 - 1000	CPE 2.220	VOSS, R
	F	800 - 1000	ETC 2.140	
• 17650	MW	900 - 1000	CPE 2.220	VOSS, R
	F	1000 - 1200	ETC 2.140	
• 17655	MW	900 - 1000	CPE 2.220	VOSS, R
	F	1200 - 200P	ETC 2.140	
• 17660	MW	1000 - 1100	CPE 2.220	VOSS, R
	TH	1000 - 1200	ETC 2.140	
• 17665	MW	1000 - 1100	CPE 2.220	VOSS, R
	F	1000 - 1200	ETC 7.111	
• 17670	MW	1000 - 1100	CPE 2.220	VOSS, R
	F	200 - 400P	ETC 2.140	
• 17675	MW	1200 - 100P	CPE 2.216	CLINE, J
	TH	1200 - 200P	ETC 2.140	
• 17680	MW	1200 - 100P	CPE 2.216	CLINE, J
	TH	200 - 400P	ETC 2.140	
• 17685	MW	1200 - 100P	CPE 2.216	CLINE, J
	TH	400 - 600P	ETC 2.140	
• 17690	MW	200 - 300P	CPE 2.212	CLINE, J
	TH	800 - 1000	ETC 2.140	
• 17695	MW	200 - 300P	CPE 2.212	CLINE, J
	F	1200 - 200P	ETC 7.111	
• 17700	MW	200 - 300P	CPE 2.212	CLINE, J
	TH	600 - 800P	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.

• 17705	MWF	800 - 930	ETC 3.112	
• 17710	MWF	900 - 1000	ETC 2.132	
• 17715	MWF	1100 - 1200	ETC 3.108	
• 17720	TTH	1100 - 1230P	ETC 3.112	

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.

• 17725	T	500 - 630P	CPE 2.208	BHAT, A
	T	930 - 1230P	ETC 8.140	
• 17730	T	500 - 630P	CPE 2.208	BHAT, A
	M	1100 - 200P	ETC 8.140	
• 17735	T	500 - 630P	CPE 2.208	BHAT, A
	W	1100 - 200P	ETC 8.140	
• 17740	T	500 - 630P	CPE 2.208	BHAT, A
	T	1230 - 330P	ETC 8.140	
• 17745	T	500 - 630P	CPE 2.208	BHAT, A
	TH	1230 - 330P	ETC 8.140	
• 17750	T	500 - 630P	CPE 2.208	BHAT, A
	M	200 - 500P	ETC 8.140	
• 17755	T	500 - 630P	CPE 2.208	BHAT, A
	W	200 - 500P	ETC 8.140	
• 17760	T	500 - 630P	CPE 2.208	BHAT, A
	M	500 - 800P	ETC 8.140	
• 17765	T	500 - 630P	CPE 2.208	BHAT, A
	W	500 - 800P	ETC 8.140	

M E 335 ENGINEERING STATISTICS

Designed to accommodate 100 or more students. Fundamentals of probability, distribution theory, data analysis and statistics, interval estimation, hypothesis testing, and statistical quality control. Prerequisite: Mathematics 408D or 408M with a grade of at least C- and credit or registration for Mechanical Engineering 318M.

• 17770	TTH	800 - 930	ART 1.102	HADLOCK, C
	W	1200 - 100P	ETC 2.140	
• 17775	TTH	800 - 930	ART 1.102	HADLOCK, C
	W	100 - 200P	ETC 2.140	
• 17780	TTH	800 - 930	ART 1.102	HADLOCK, C
	W	200 - 300P	ETC 2.140	
• 17785	TTH	800 - 930	ART 1.102	HADLOCK, C
	W	300 - 400P	ETC 2.140	
• 17790	TTH	800 - 930	ART 1.102	HADLOCK, C
	W	400 - 500P	ETC 2.140	
• 17795	TTH	800 - 930	ART 1.102	HADLOCK, C
	W	500 - 600P	ETC 2.140	

ENGINEERING STATISTICS-ARG

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Fundamentals of probability, distribution theory, data analysis and statistics, interval estimation, hypothesis testing, and statistical quality control. Prerequisite: Mathematics 408D or 408M with a grade of at least C- and credit or registration for Mechanical Engineering 318M. Restricted to students in the Maymester Abroad Program. Class meets May 31-July 6. Taught in Buenos Aires, Argentina. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 17800				PROZZI, J

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.

• 17805	MW	1000 - 1100	ETC 7.111	KOVAR, D
	F	900 - 1100	ETC 8.154	
• 17810	MW	1000 - 1100	ETC 7.111	KOVAR, D
	F	1100 - 100P	ETC 8.154	

M E 336P CONCEPTS NUC/RADIATN ENGR-ITA

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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, nonproliferation, 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. Restricted to students in the Maymester Abroad Program. Class meets May 30-June 30. Taught in Ferrara, Italy. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 17815				LANDSBERGER, S

M E 337G NUCLEAR SAFETY AND SECURITY

An investigation of policy and technical aspects related to nuclear safety and security. Participants will evaluate the proliferation of risk from facilities within the nuclear fuel cycle. They will calculate the criticality conditions for a nuclear assembly and derive parent/daughter decay equations. Nuclear forensics evaluations will be conducted on real-world environmental measurements. Only one of the following may be counted: Mechanical Engineering 337G, 388H, Operations Research and Industrial Engineering 390R (Topic 15: Nuclear Safety and Security). Prerequisite: For engineering majors, Physics 103N and 303L with a gradeof at least C- in each; for others, upper-division standing and written consent of instructor. Partially taught as a Web-based course. meets with M E 388H.

• 17820	TTH	200 - 330P	ETC 5.148	HAAS, D

10/11/2018

course	unique	days	time	room	instructor

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 with a grade of at least C-, andcredit or registration for Mechanical Engineering 334.

• 17825	MWF	800 - 900	ETC 2.108	
• 17830	MWF	100 - 200P	ETC 2.136	

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.

• 17835	TTH	200 - 330P	BUR 216	

HEAT TRANSFER

Designed to accommodate 100 or more students. 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.

• 17840	TTH	930 - 1100	ETC 2.136	

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.

• 17845	M	300 - 400P	JGB 2.324	SHI, L
	W	800 - 1000	ETC 7.162	
• 17850	M	300 - 400P	JGB 2.324	SHI, L
	W	1000 - 1200	ETC 7.162	
• 17855	M	300 - 400P	JGB 2.324	SHI, L
	F	1000 - 1200	ETC 7.162	
• 17860	M	300 - 400P	JGB 2.324	SHI, L
	W	1200 - 200P	ETC 7.162	
• 17865	M	300 - 400P	JGB 2.324	SHI, L
	TH	1200 - 200P	ETC 7.162	
• 17870	M	300 - 400P	JGB 2.324	SHI, L
	W	200 - 400P	ETC 7.162	
• 17875	M	300 - 400P	JGB 2.324	SHI, L
	F	200 - 400P	ETC 7.162	
• 17879	M	300 - 400P	JGB 2.324	SHI, L
	T	800 - 1000	ETC 7.162	
• 17880	M	300 - 400P	JGB 2.324	SHI, L
	W	400 - 600P	ETC 7.162	
• 17881	M	300 - 400P	JGB 2.324	SHI, L
	TH	1200 - 200P	ETC 7.162	
• 17882	M	300 - 400P	JGB 2.324	SHI, L
	TH	600 - 800P	ETC 7.162	
• 17883	M	300 - 400P	JGB 2.324	SHI, L
	T	600 - 800P	ETC 7.162	
• 17884	M	300 - 400P	JGB 2.324	SHI, L
	F	400 - 600P	ETC 7.162	
• 17885	M	300 - 400P	JGB 2.324	SHI, L
	W	600 - 800P	ETC 7.162	
• 17886	M	300 - 400P	JGB 2.324	SHI, L
	F	800 - 1000	ETC 7.162	
• 17887	M	300 - 400P	JGB 2.324	SHI, L
	F	1200 - 200P	ETC 7.162	
• 17888	M	300 - 400P	JGB 2.324	SHI, L
	TH	400 - 600P	ETC 7.162	
• 17889	M	300 - 400P	JGB 2.324	SHI, L
	W	1000 - 1200	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). Aerospace Engineering 375 and Mechanical Engineering 340 may not both becounted. Prerequisite: Mathematics 408D, Physics 303L, and 103N with a grade of at least C- in each; and credit or registration for Mechanical Engineering 140L.

• 17890	TTH	1100 - 1230P	ETC 2.136	
• 17895	TTH	330 - 500P	ETC 2.136	

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.

• 17900	W	1200 - 100P	ETC 2.108	MASADA, G
	M	900 - 1100	ETC 3.157	
• 17905	W	1200 - 100P	ETC 2.108	MASADA, G
	T	900 - 1100	ETC 3.157	
• 17910	W	1200 - 100P	ETC 2.108	MASADA, G
	W	900 - 1100	ETC 3.157	
• 17915	W	1200 - 100P	ETC 2.108	MASADA, G
	M	1200 - 200P	ETC 3.157	
• 17920	W	1200 - 100P	ETC 2.108	MASADA, G
	T	1200 - 200P	ETC 3.157	
• 17925	W	1200 - 100P	ETC 2.108	MASADA, G
	TH	1200 - 200P	ETC 3.157	
• 17930	W	1200 - 100P	ETC 2.108	MASADA, G
	W	100 - 300P	ETC 3.157	
• 17935	W	1200 - 100P	ETC 2.108	MASADA, G
	T	230 - 430P	ETC 3.157	
• 17940	W	1200 - 100P	ETC 2.108	MASADA, G
	M	300 - 500P	ETC 3.157	
• 17945	W	1200 - 100P	ETC 2.108	MASADA, G
	TH	300 - 500P	ETC 3.157	
• 17950	W	1200 - 100P	ETC 2.108	MASADA, G
	W	330 - 530P	ETC 3.157	
• 17955	W	1200 - 100P	ETC 2.108	MASADA, G
	T	500 - 700P	ETC 3.157	

M E 343 THERMAL-FLUID SYSTEMS

Designed to accommodate 35 or fewer students. 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.

• 17960	TTH	330 - 500P	ETC 2.132	WANG, Y
	M	500 - 600P	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 or 314D 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.

• 17965	TTH	930 - 1100	ETC 3.108	
• 17970	TTH	1230 - 200P	ETC 3.108	
• 17975	MWF	100 - 200P	ETC 3.112	

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.

• 17980	F	1200 - 100P	ETC 2.108	LONGORIA, R
	M	900 - 1100	ETC 4.160	
• 17985	F	1200 - 100P	ETC 2.108	LONGORIA, R
	W	900 - 1100	ETC 4.160	
• 17990	F	1200 - 100P	ETC 2.108	LONGORIA, R
	TH	900 - 1100	ETC 4.160	
• 17995	F	1200 - 100P	ETC 2.108	LONGORIA, R
	TH	930 - 1130	ETC 4.160	
• 18000	F	1200 - 100P	ETC 2.108	LONGORIA, R
	M	100 - 300P	ETC 4.160	
• 18005	F	1200 - 100P	ETC 2.108	LONGORIA, R
	W	100 - 300P	ETC 4.160	
• 18010	F	1200 - 100P	ETC 2.108	LONGORIA, R
	M	400 - 600P	ETC 4.160	
• 18015	F	1200 - 100P	ETC 2.108	LONGORIA, R
	T	400 - 600P	ETC 4.160	
• 18020	F	1200 - 100P	ETC 2.108	LONGORIA, R
	W	400 - 600P	ETC 4.160	
• 18025	F	1200 - 100P	ETC 2.108	LONGORIA, R
	TH	400 - 600P	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.

• 18030	W	1000 - 1100	ETC 5.132	CULLINAN, M
	TTH	900 - 1200	ETC 1.210	
• 18035	W	1000 - 1100	ETC 5.132	CULLINAN, M
	TTH	100 - 400P	ETC 1.210	

M E 353 ENGINEERING FINANCE

Additional hour(s) to be arranged. 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 or 408M, Mechanical Engineering 205 or 318M, and 335 with a grade of at least C- in each.

• 18040	TTH	330 - 500P	CPE 2.214	BICKEL, J
	M	800 - 1000	ETC 2.140	
• 18045	TTH	330 - 500P	CPE 2.214	BICKEL, J
	W	800 - 1000	ETC 3.112	
• 18050	TTH	330 - 500P	CPE 2.214	BICKEL, J
	M	1000 - 1200	ETC 2.140	
• 18055	TTH	330 - 500P	CPE 2.214	BICKEL, J
	W	1000 - 1200	ETC 2.140	

Draft 1/2/2010

course	unique	days	time	room	instructor
	• 18060	TTH	330 - 500P	CPE 2.214	BICKEL, J
		M	1200 - 200P	ETC 2.140	
	• 18065	TTH	330 - 500P	CPE 2.214	BICKEL, J
		W	600 - 800P	ETC 2.140	

M E 354 INTRO TO BIOMECHANICAL ENGR

The application of mechanical engineering principles to problems in the life sciences; transport phenomena of physiological solids and fluids; biosignal analysis and instrumentation; biomaterials design and compatibility; principles of medical imaging, diagnostics, and therapeutics; rehabilitation engineering. Prerequisite: For engineering majors, Mathematics 427J or 427K with a grade of at least C-; for others, upper-division standing and written consent of instructor.

• 18070	TTH	1230 - 200P	ETC 7.111	MOON, T

M E 355K ENGINEERING VIBRATIONS

Time-domain and frequency-domain analysis of vibrating systems; matrix methods, instrumentation, and vibration control; numerical methods. Prerequisite: Mathematics 427J or 427K, and Mechanical Engineering 324 with a grade of at least C- in each.

• 18075	WF	1000 - 1130	ETC 4.150	WILSON, P

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.

• 18080	TTH	1230 - 200P	ETC 3.112	BOURELL, D

M E 360 VEHICLE SYS DYNAMS & CONTROLS

Fundamentals of ground vehicle dynamics, tire-road mechanics, vehicle control systems, vehicle stability, and simulation of vehicle systems. Only one of the following may be counted: Mechanical Engineering 360, 379M (Topic: Vehicle System Dynamics and Controls), 390, 397 (Topic: Vehicle System Dynamics and Controls). Prerequisite: For engineering majors, Mechanical Engineering 344 with a grade of at least C-; for others, upper-division standing and written consent of instructor. meets with M E 390.

• 18085	TTH	1230 - 200P	ETC 4.150	LONGORIA, R

M E 360N INTERMEDIATE HEAT TRANSFER

Multidimensional and transient diffusion; laminar and turbulent convection; radiation exchange; special topics. Prerequisite: Mechanical Engineering 339. meets with M E 381R (TOPIC 4).

• 18090	TTH	930 - 1100	ETC 3.112	EZEKOYE, O

M E 361E NUC REACTOR OPERATIONS & ENGR

Fission and chain reactions; neutron diffusion and moderation; reactor equations; Fermi Age theory; and multigroup and multiregional analysis. 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. meets with M E 388C.

• 18095	TTH	1100 - 1230P	ETC 5.148	CHARLTON, W

M E 363M ENERGY TECHNOLOGY AND POLICY

An overview of energy technologies, fuels, environmental impacts and public policies. Subjects are interdisciplinary and include an introduction to quantitative concepts in energy, including the differences among fuels and energy technologies, energy policy levers, and the societal aspects of energy, such as culture, economics, war, andinternational affairs. Includes brief snippets of energy history, use of real-world examples, and looks forward into the future. Interactive and lecture-oriented around current events related to energy. Mechanical Engineering 363M and 379M (Topic: Energy Technology and Policy) may not both be counted. Prerequisite: Upper-division standing. meets with MAN 385, M E 382Q (TOPIC 4), EER 396, CHE 384T, CHE 359, P A 388K.

• 18100	TTH	800 - 930	CPE 2.204	WEBBER, M

M E 365E ENGR ENTREPRENEURSHIP

Focus on developing a basic understanding for the assessment of emergingtechnologies including the analysis of the status and future developmentissues, establish a comprehension of what 'market' means in terms of potential technology applications, and of how that market is identified and characterized. Create new knowledge about the potential match of an emerging technology with a defined market as a member of a multidisciplinary team, establish a basic understanding of IP rights, assessment and strategy related to emerging technology, and assess the course and participate in discussions about how it can be evolved for future offerings. Exploration the innovation and technology commercialization process especially as it relates to individual expertise and career goals. Mechanical Engineering 365E and 379M (Topic: Engineering Entrepreneurship) may not both be counted. Prerequisite: Upper-division standing.

• 18105	TH	330 - 630P	ETC 4.150	NICHOLS, S

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.

• 18110	MWF	1000 - 1100	ETC 2.136	RYLANDER, C
	MW	100 - 200P	ETC 3.108	
• 18115	MWF	1000 - 1100	ETC 2.136	RYLANDER, C
	MW	300 - 400P	ETC 3.108	
• 18120	MWF	1100 - 1200	ETC 2.136	RYLANDER, C
	TTH	830 - 930	ETC 3.108	
• 18125	MWF	1100 - 1200	ETC 2.136	RYLANDER, C
	MW	1200 - 100P	ETC 3.108	

M E 266K MECHANICAL ENGR DESIGN PROJECT

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.

• 18130	MW	300 - 500P	ECJ 1.202	CRAWFORD, R

M E 266P DESIGN PROJECT LABORATORY

Designed to accommodate 35 or fewer students. 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.

• 18135	TTH	900 - 1100	ETC 4.110	CRAWFORD, R
• 18140	MW	1100 - 100P	ETC 4.110	CRAWFORD, R
• 18145	MW	100 - 300P	ETC 4.110	CRAWFORD, R
• 18150	TTH	200 - 400P	ETC 4.110	CRAWFORD, R
• 18155	TTH	400 - 600P	ETC 4.110	CRAWFORD, R
• 18160	MW	500 - 700P	ETC 4.110	CRAWFORD, R

M E 367S SIMULATION MODELING

Designed to accommodate 35 or fewer students. Basic concepts of discrete-event simulation. Statistical input and output analysis. Application of simulation software. Modeling of systemsunder uncertainty. Mechanical Engineering 367S and Operations Research and Industrial Engineering 367 may not both be counted. Prerequisite: For engineering majors, Mechanical Engineering 318M with agrade of at least C-, Mechanical Engineering 335 or the equivalent; for non-engineering majors, upper-division standing and written consent of instructor. same as ORI 367.

• 18165	TTH	330 - 500P	ETC 5.132	

M E 374C COMBUSTION ENGINE PROCESSES

Principles of internal combustion engines, fuels, carburetion, combustion, exhaust emissions, knock, fuel injection, and factors affecting performance. Prerequisite: Mechanical Engineering 339 or consent of instructor. meets with M E 382R (TOPIC 6).

• 18170	MWF	900 - 1000	ETC 7.111	MATTHEWS, R

M E 374F FIRE SCIENCE

Analysis of the dynamics and consequences of fire in structures. Topics include combustion thermochemistry, premixed and diffusion flames, fluid mechanics of fire, human tenability in burning structures, and computer modeling of fires. Prerequisite: For engineering majors, upper-division standing and credit or registration for Mechanical Engineering 339 and 139L with a grade of at least C- in each; for others, upper-division standing and written consent of instructor. meets with M E 382T.

• 18175	TTH	1230 - 200P	ETC 7.146	EZEKOYE, O

M E 374T RENEWABLE ENERGY TECHNOLOGY

Cultivates an enhanced level of theoretical and conceptual understandingof thermodynamics, fluid mechanics and heat transfer, and of how these disciplines apply to the design and analysis of complex thermal-fluid systems. Enhances skills in designing, programming and debugging software tools for systems analysis, working in teams, and communicatingengineering results in a professional manner. Mechanical Engineering 374T and 379M (Topic: Renewable Energy Technology) may not both be counted. Prerequisite: The following courses with a grade of at least a C- in each: Mechanical Engineering 316T, 318M, 330, 130L, 339, and 139L. meets with M E 397.

• 18180	MWF	200 - 300P	ETC 4.150	HALL, M

M E 375K PRODUCTION ENGR MANAGEMENT

Designed to accommodate 35 or fewer students. Introduction to production and inventory models; basic factory dynamics;analysis of variability; push-and-pull production control; sequencing and dispatching. Mechanical Engineering 375K and Operations Research and Industrial Engineering 372 may not both be counted. Prerequisite: For engineering majors, Mechanical Engineering 318M or theequivalent with a grade of at least C-, Mechanical Engineering 335 or the equivalent; for non-engineering majors, upper-division standing and written consent of instructor. same as ORI 372.

• 18185	TTH	200 - 330P	ETC 7.111	KUTANOGLU, E

M E 376N HIGH THROUGHPUT NANOPATTERN

Introduction to the basic tools and materials involved in the patterningprocesses needed to create nano-scale structures and functional materials and discusses the relevance of these processes to applications in the electronics, display, and energy industries. Includes take-home portable nano-labs which allow hands-on experience in nano-scale fabrication processes and relevant nanometrology techniques. Explores industry and research roadmaps that provide relevant metrics and timelines for fabrication, materials, nano-enabled components and devices. Exposure to relevant computational modeling and simulation tools allows exploration of novel nano-enabled components and devices. Mechanical Engineering 376N and 379M (Topic: High Throughput Nanopatterning) may not both be counted. Prerequisite: Upper-division standing. meets with M E 397, E E 396V, E E 340P.

• 18190	TTH	500 - 630P	ETC 2.114	SREENIVASAN, S

M E 177K PROJECTS IN MECHANICAL ENGR

Hour(s) to be arranged. Laboratory 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.
• 18195

M E 377K PROJECTS IN MECHANICAL ENGR
Laboratory 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.
• 18200

M E 378Q POLYMER NANOCOMPOSITES
Fundamentals, properties, and applications of polymer nanocomposites. Mechanical Engineering 378Q and 379M (Topic: Polymer Nanocomposites) maynot both be counted. Prerequisite: Mechanical Engineering 334 and 134L with a grade of at least C-. meets with M E 397.
• 18205 TTH 330 - 500P ETC 7.111 KOO, J

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.
• 18210

M E 379M ISS IN HUMANITARIAN ENGR-FRA
Hour(s) to be arranged. 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: Prerequisites vary with the topic. Restricted to students in the Maymester Abroad Program. Class meets May 30-June 29. Taught in Paris, France. Students must consult with the department as travel and orientation dates may be in addition to these dates .
• 18215 ELLZEY, J

POWDER PROCESSING
Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic.
• 18220 TTH 930 - 1100 ETC 4.150 BOURELL, D

THRY/DSGN OF MECH MEASUREMENT
Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic. meets with M E 397.
• 18225 TTH 200 - 330P ETC 4.150 LI, W

TISS MICROENV: FAB/TRAN/MECH
Course number may be repeated for credit when the topics vary. Prerequisite: Prerequisites vary with the topic. meets with BME 385J, BME 377T, M E 397.
• 18230 TTH 1230 - 200P ETC 4.120 RYLANDER, M

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.
• 18235

M E 280M 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.
• 18240

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.
• 18245

M E 680M 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.
• 18250

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. Restricted to students in the Engineering Management program.
• 18255

M E 980M 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.
• 18260

M E 380Q 1-ENGR ANLY: ANALYTICAL METHS
Course number may be repeated for credit when the topics vary. Applications of mathematical analysis and numerical concepts to typical engineering problems. Analytical solutions for linear ordinary differential equations; numerical integration of ordinary differential equations; Fourier series and integrals; the Laplace transform; the solution of partial differential equations; vector analysis and linear transformations. Prerequisite: Graduate standing, and Mathematics 427K or the equivalent.
• 18265 MW 1100 - 1230P ETC 7.111 MOON, T

M E 381M STAT MTHDS PROCESS CTRL/MFG
Hour(s) to be arranged. Covers fundamental methods for statistical monitoring of processes, including Shewhart control charts, control charts for individual measurements, CUSUM charts and attribute control charts. Explores the design of experiments, including the statistical evaluation of main and interaction effects, as well as intelligent experimentation through reduced factorial experimental design. Outlines DOE-based search techniques for surface response based design optimization. Offers advanced research in model based and active process control in highly flexible and sophisticated manufacturing systems, such as semiconductor manufacturing lithography of flexible automotive assembly lines. Restricted to Option III Mechanical Engineering Master's degree students. Prerequisite: Graduate standing and admission to the Executive ME program. Restricted to students in the Master of Science in Mechanical Engineering program. Partially taught as a Web-based course.
• 18270 DJURDJANOVIC, D

M E 381P 3-DYNAMICS OF TURBULENT FLOW
Course number may be repeated for credit when the topics vary. Detailed study of fluid dynamics, boundary layer phenomena, and incompressible flows. Fundamentals of turbulence, including scaling, transport, and kinetic energy of turbulence; wakes, jets; wall-bounded flows; spectrum of turbulence. Prerequisite: Graduate standing.
• 18275 TTH 200 - 330P ETC 7.146 MOSER, R

M E 381Q 1-ADVANCED THERMODYNAMICS
Course number may be repeated for credit when the topics vary. Development of macroscopic thermodynamics from basic physical relationships; introduction to the thermodynamics of mixtures. Prerequisite: Graduate standing, and Mechanical Engineering 326 or the equivalent.
• 18280 TTH 1230 - 200P ETC 9.130 WANG, Y

M E 381R 4-FUNDS OF HEAT AND MASS TRANS
Course number may be repeated for credit when the topics vary. Fundamentals of conduction, convective heat transfer, diffusive and convective mass transfer, thermal radiative exchange. Prerequisite: Graduate standing, and Mechanical Engineering 339 or the equivalent. meets with M E 360N.
• 18285 TTH 930 - 1100 ETC 3.112 EZEKOYE, O

M E 382P 2-OPTICS AND LASERS
Course number may be repeated for credit when the topics vary. Use of modern experimental techniques and instrumentation in the thermal/fluid sciences. Fundamentals of geometric and physical optics; interaction of light with matter; spectroscopy; and laser and electro-optics applications. Prerequisite: Graduate standing. meets with BME 381J (TOPIC 10).
• 18290 TTH 1100 - 1230P ETC 7.111 BEN-YAKAR, A

M E 382Q 4-ENERGY TECHNOLOGY AND POLICY
Course number may be repeated for credit when the topics vary. Multidisciplinary overview of energy technologies, fuels, environmental impacts, and public policies. Quantitative engineering analysis in energy, including the differences among fuels and energy technologies, the electricity sector, liquid fuels, conventional fuels, renewable fuels, impacts on the environment, basics of atmospheric chemistry, and water use for power plant cooling. Energy policy and the societal aspects of energy, such as culture, economics, war, and international affairs, are covered. Prerequisite: Graduate standing, and Mechanical Engineering 339 or the equivalent. meets with P A 388K, MAN 385, EER 396, CHE 384T, CHE 359, M E 363M.
• 18295 TTH 800 - 930 CPE 2.204 WEBBER, M

M E 382R 6-COMBUSTION ENGINE PROCESSES
Course number may be repeated for credit when the topics vary. Fundamentals of combustion science, technology, and engineering. Principles of internal combustion engines, fuels, carburetion, combustion, exhaust emissions, knock, fuel injection, and factors affecting performance. Prerequisite: Graduate standing and consent of instructor. meets with M E 374C.
• 18300 MWF 900 - 1000 ETC 7.111 MATTHEWS, R

M E 382T FIRE SCIENCE
Analysis of dynamics and consequences of fire in structures. Topics include combustion thermochemistry, premixed and diffusion flames, fluidmechanics of fire, human tenability in burning structures, computer modeling of fires. Mechanical Engineering 382R (Topic: Fire Science) and 382T may not both be counted. Prerequisite: Graduate standing, and Mechanical Engineering 326, 330, and 339, or their equivalents. meets with M E 374F.
• 18305 TTH 1230 - 200P ETC 7.146 EZEKOYE, O

M E 383M HEAT TRANSFR IN INDUSTRIAL SYS
Hour(s) to be arranged. Provides understanding of heat transfer physics and the tools to analyzea wide range of industrially relevant heat transfer problems. Analyzes heat transfer systems associated with a diversity of industrial applications, as well as how to use order of magnitude analysis to simplify complex problems and solution techniques for the three modes ofheat transfer. Restricted to Option III Mechanical Engineering Master's degree students. Prerequisite: Graduate standing. Restricted to students in the Master of Science in Mechanical Engineering program. Partially taught as a Web-based course.
• 18310 EZEKOYE, O

course unique days time room instructor

M E 384N 2-ACOUSTICS II
Course number may be repeated for credit when the topics vary. Spherical and cylindrical waves, radiation and scattering, multipole expansions, Green's functions, waveguides, sound beams, Fourier acoustics, Kirchhoff theory of diffraction, and arrays. Prerequisite: Graduate standing and consent of instructor. same as E E 384N (TOPIC 2).
• 18315 MWF 900 - 1000 ETC 5.132 HAMILTON, M

6-ARCHITECTURAL ACOUSTICS
Course number may be repeated for credit when the topics vary. Human perception of sound, principles of room acoustics, sound-absorptive materials, transmission between rooms, and acoustical design of enclosed spaces. Prerequisite: Graduate standing and consent of instructor. same as E E 384N (TOPIC 6).
• 18320 TTH 930 - 1100 ETC 7.146 HABERMAN, M

8-WAVE PHENOMENA
Course number may be repeated for credit when the topics vary. Fourier acoustics and angular spectra; nearfield acoustical holography; Fraunhofer, Fresnel, and parabolic approximations; sound beams; Green's functions; Born approximation; propagation and scattering in moving, periodic, and random media. Only one of the following may be counted: Electrical Engineering 384N (Topic 8), Mechanical Engineering 384N (Topic 8), or 397 (Topic: Wave Phenomena). Prerequisite: Graduate standing and consent of instructor. same as E E 384N (TOPIC 8). also meets with E E 384N (TOPIC 4).
• 18325 MWF 1100 - 1200 ETC 5.132 HAMILTON, M

M E 384Q 1-INTRO TO MODERN CONTROL
Course number may be repeated for credit when the topics vary. State variable methods, eigenvalues, and response modes; controllability, observability, and stability; calculus of variations; optimal control; Pontryagin maximum principle; control of regulator and tracking servomechanisms; Hamilton-Jacobi, dynamic programming; deterministic observers, Kalman filter; discrete and continuous time. Prerequisite: Graduate standing, and Mechanical Engineering 364L or the equivalent.
• 18330 TTH 930 - 1100 ETC 9.130 MASADA, G

7-STOCH SYS, ESTMTN, AND CONTR
Course number may be repeated for credit when the topics vary. Probability and random variables; filtering theory; stochastic calculus;stochastic control; engineering applications; linear and nonlinear systems; spectral techniques. Prerequisite: Graduate standing, and Mechanical Engineering 364L or the equivalent.
• 18335 TTH 1100 - 1230P ETC 7.146 BEAMAN, J

M E 385J 24-REHABILITATION ENGINEERING
Course number may be repeated for credit when the topics vary. Explores use of robotic devices in physical therapy for neuromuscular injury. Clinicians lecture each week on a specific malady, followed by critical review of the literature of that malady from the perspective of rehabilitation engineering. Shadows therapists and develops a prototype of a device for therapy, assistance or diagnosis of patients, or conducts an experiment to test a hypothesis in the field using a device. Only one of the following may be counted: Biomedical Engineering 381J (Topic: Rehabilitation Engineering), Mechanical Engineering 385J (Topic 24), 397 (Topic: Rehabilitation Engineering). Prerequisite: Graduate standing in engineering and consent of instructor. Additional prerequisite: Graduate standing in engineering. meets with BME 381J.
• 18340 TTH 200 - 330P ETC 5.132 SULZER, J

M E 386P 1-INTRO TO PHASE TRANSFORMATNS
Course number may be repeated for credit when the topics vary. Basics of crystal structures and phase diagrams; diffusion; solidification; solid-state phase transformations. Prerequisite: Graduate standing and consent of instructor.
• 18345 MWF 900 - 1000 ETC 9.130 MANGOLINI, F

2-MECHANICAL BEHAVIOR OF MATLS
Course number may be repeated for credit when the topics vary. Elastic deformation; viscoelasticity; yielding, plastic flow, plastic instability; strengthening mechanisms; fracture, fatigue, creep; significance of mechanical properties tests. Microstructural mechanisms and macroscopic behavior of metals, polymers, ceramics, and composites. Prerequisite: Graduate standing and consent of instructor.
• 18350 TTH 1100 - 1230P ETC 9.130 TALEFF, E

4-INTRO SOLID-STATE PROP MATLS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Introduction to the electronic, magnetic, and optical properties of materials. Solid-state properties of metals, semiconductors, and ceramics; fundamental concepts needed for the description of these properties, using an introductory-level description of the electronic structure of solids. Prerequisite: Graduate standing and consent of instructor. same as E E 396V (TOPIC 5).
• 18355 MWF 1100 - 1200 ETC 9.130 ZHENG, Y

M E 386Q 14-ELECTROCHEMCL ENERGY MATLS
Course number may be repeated for credit when the topics vary. Electrochemical cells; principles of electrochemical power sources; materials for rechargeable and nonrechargeable batteries, fuel cells, and electrochemical capacitors. Prerequisite: Graduate standing and consent of instructor.
• 18360 TTH 800 - 930 ETC 9.130 MANTHIRAM, A

M E 387M APPLIED DYNMCS/FEEDBK CTRL
Hour(s) to be arranged. Provides advanced tools for describing and controlling the motion of dynamical systems. Studies how to apply Newton's Second Law as well as Lagrange's equations to find equations of motion. Emphasis on rigid body dynamics as well as motion constraints arising in complex systems. Examines fundamental concepts in both the time and frequency domains to develop feedback controllers and thus advance from open loop simulation of dynamic systems to closed loop control. Introduces common control strategies and tools for designing and testing control systems. Uses MATLAB extensively throughout the course, and emphasizes applications to realistic systems, simulations and numerical solutions. Restricted to Option III Mechanical Engineering Master's degree students. Prerequisite: Graduate standing and admission to the Executive ME program. Restricted to students in the Master of Science in Mechanical Engineering program. Partially taught as a Web-based course.
• 18365 PRYOR, M

M E 387R 5-MATLS CHARACTERIZATION TECHS
Course number may be repeated for credit when the topics vary. Classification and selection of characterization techniques: principles and applications of diffraction, spectroscopic, quantitative chemical analysis, thermal analysis, and transport and magnetic measurement techniques. Prerequisite: Graduate standing and consent of instructor.
• 18370 MW 200 - 330P ETC 7.111 YU, G

M E 388C NUCLEAR POWER ENGINEERING
Fundamental principles of the design and analysis of nuclear systems; introduction to the physics of nuclear reactions, chain reactions, and nuclear energy generation; heat generation and conduction within nuclear systems; heat transfer and fluid flow in nuclear systems; the thermodynamics of nuclear power; the nuclear fuel cycle; and issues related to the materials aspect of reactor engineering. Prerequisite: Graduate standing. Partially taught as a Web-based course. meets with M E 361E.
• 18375 TTH 1100 - 1230P ETC 5.148 CHARLTON, W

M E 388H NUCLEAR SAFETY AND SECURITY
Probabilistic risk assessment models and nuclear arms nonproliferation, including failure classifications; failure mode, effects, and criticality analysis (FMECA); fault and event trees; and reliability block diagrams. Discussion of specific areas from the Code of Federal Regulations. Only one of the following may be counted: Mechanical Engineering 337G, 388H, Operations Research and Industrial Engineering 390R (Topic 15). Prerequisite: Graduate standing, and an undergraduate calculus-based course in probability and statistics or consent of instructor. Partially taught as a Web-based course. same as ORI 390R (TOPIC 15). also meets with M E 337G.
• 18380 TTH 200 - 330P ETC 5.148 HAAS, D

M E 389F THE NUCLEAR FUEL CYCLE
A survey of the nuclear fuel cycle, including resource acquisition, fuelenrichment and fabrication, spent fuel reprocessing and repository disposal. Nuclear fuel management and reactor physics are addressed in the context of fuel burn-up calculations. Uses cross-disciplinary tools such as cost-benefit and environmental impact analyses. Includes fuel cycles currently in use, advanced fuel cycle concepts currently being presented in the technical literature, and a group project designed to research, analyze, and document the technical, economic, and/or environmental ramifications of one of these advanced fuel cycles. Mechanical Engineering 389F and 397 (Topic: The Nuclear Fuel Cycle) may not both be counted. Prerequisite: Graduate standing. Partially taught as a Web-based course.
• 18385 TTH 330 - 500P ETC 5.148 BYERS, M

M E 390 VEHICLE SYS DYNAMS & CONTROLS
Fundamentals of ground vehicle dynamics, tire-road mechanics, vehicle control systems, vehicle stability, and simulation of vehicle systems. Only one of the following may be counted: Mechanical Engineering 360, 379M (Topic: Vehicle System Dynamics and Controls), 390, 397 (Topic: Vehicle System Dynamics and Controls). Prerequisite: Graduate standing. meets with M E 360.
• 18390 TTH 1230 - 200P ETC 4.150 LONGORIA, R

M E 390T NUCLEAR AND RADIOCHEMISTRY
Additional hour(s) to be arranged. Theory and application of nuclear and radiochemistry, including alpha, beta, and gamma ray processes; fission products; statistics; solvent extraction; absorption and teaching techniques; various counting methods; and radiation protection. Prerequisite: Graduate standing. Partially taught as a Web-based course. meets with CH 368.
• 18395 W 900 - 1200 NEL 2.106 LANDSBERGER, S

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.
• 18400 T 330 - 630P RRH 3.406 NICHOLS, S

M E 397 ADV COMPTL MATERALS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18405 MWF 1200 - 100P ETC 9.130 SANCHEZ, J

ADVANCED NUCLEAR ENGINEERING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Partially taught as a Web-based course.
• 18410 W 200 - 500P ETC 5.148 BAGDATLIOGLU, C

COMP METH FOR ENGR DESIGN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18415 TTH 1100 - 1230P ETC 2.114 SEEPERSAD, C

course unique days time room instructor

HIGH THROUGHPUT NANOPATTERNING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Topic description: Explore sub-50nm fabrication using mechanical patterning techniques. Provide an overview of photolithography, mechanical nanopatterning processes, hot embossing, and UV imprint lithography. Wafer-s cale and roll-to-roll nanopatterning will be introduced with applications in electronics, photonics, and nanomedicine. Physics of nanoreplication, process limits, template (mold) fabrication, defect mechanisms, and f actors affecting throughput will also be discussed. meets with E E 340P, E E 396V, M E 376N.
• 18420 TTH 500 - 630P ETC 2.114 SREENIVASAN, S

MEMS/NEMS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18425 MWF 1000 - 1100 ETC 9.130 ZHENG, Y

NEW VENTURE CREATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with MAN 385 (TOPIC 22), ASE 396.
• 18430 MW 200 - 330P RRH 5.420 COURTER, S

OPTICAL DESIGN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with BME 381J (TOPIC 12), ASE 396, BME 377T.
• 18435 TTH 930 - 1100 CMA 3.114 MILNER, T

POLYMER NANOCOMPOSITES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with M E 378Q.
• 18440 TTH 330 - 500P ETC 7.111 KOO, J

PRECISION MACHINE DESIGN
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18445 MW 300 - 430P ETC 7.146 CULLINAN, M

PRODUCT DESIGN LAB
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.
• 18450 CRAWFORD, R

PROPOSAL WRITING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Topic description: Gain the fundamental skillset to write a competitive proposal. Partially taught as a Web-based course.
• 18455 W 200 - 500P ETC 3.112 LANDSBERGER, S

RENEWABLE ENERGY TECHNOLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with M E 374T.
• 18460 MWF 200 - 300P ETC 4.150 HALL, M

STATISTICAL ANALYSIS/LEARNING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with INF 397, EER 396, P A 397C.
• 18465 W 900 - 1200 SRH 3.122 RAI, V

TEACHING ENGINEERING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. Topic description: Develop curriculum design skills in preparation for engineering faculty positions, including writing learning outcomes, assessing student learning and aligning expectations to activities and outcom es. 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 lear n important considerations in coordinating department or college resources in preparation for an ABET engineering accreditation review. meets with C E 398T, M E 398T.
• 18470 W 1000 - 100P ETC 3.112 BORREGO, M

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 MAN 385, E M 397, ASE 396, LAW 379M.
• 18475 M 330 - 630P RRH 3.406 ADAMS, R

THRY/DSGN OF MECH MEASUREMENT
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.
• 18480 TTH 200 - 330P ETC 4.150 LI, W

TISS MICROENV: FAB/TRAN/MECH
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 377T, M E 379M.
• 18485 TTH 1230 - 200P ETC 4.120 RYLANDER, M

course unique days time room instructor

TRANSPRT PROPRTIES IN MATLS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18490 TTH 200 - 330P ETC 9.130 ORBACH, R

VALIDATN & UQ IN COMPTL MODELS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18495 MW 1100 - 100P MOSER, R

M E 397K 1-ACOUSTICS SEMINAR
Offered on the credit/no credit basis only. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 18500 F 300 - 600P ETC 4.150 WILSON, P

M E 397M GRADUATE RESEARCH INTERNSHIP
Offered on the credit/no credit basis only. 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.
• 18505

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.
• 18510

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.
• 18515

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.
• 18520

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. Restricted to students seeking a Graduate Certificate in Engineering Education.
• 18525 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.
• 18530

M E 398T SUPV TEACH IN MECHANIC ENGR
Application of learning and motivation theories to learning in engineering contexts. Practice teaching in nontraditional formats. Preparation of a teaching philosophy. Teaching under close supervision, group meetings or individual consultations, and reports as required. Prerequisite: Graduate standing and appointment as a teaching assistant. meets with C E 398T, M E 397.
• 18535 W 1000 - 100P ETC 3.112 BORREGO, M

M E 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18540

M E 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18545

M E 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18550

M E 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mechanical Engineering 399R, 699R, or 999R.
• 18555

M E 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mechanical Engineering 399R, 699R, or 999R.
• 18560

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course unique days time room instructor

M E 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mechanical Engineering 399R, 699R, or 999R.
• 18565

ORI 367 SIMULATION MODELING
Designed to accommodate 35 or fewer students. Basic concepts of discrete-event simulation. Statistical input and output analysis. Application of simulation software. Modeling of systemsunder uncertainty. Mechanical Engineering 367S and Operations Research and Industrial Engineering 367 may not both be counted. Prerequisite: For engineering majors, Mechanical Engineering 318M with agrade of at least C-, Mechanical Engineering 335 or the equivalent; for non-engineering majors, upper-division standing and written consent of instructor. same as M E 367S.
• 18616 TTH 330 - 500P ETC 5.132

ORI 369 DECISION ANALYSIS
Designed to accommodate 35 or fewer students. Principles and application of techniques for the logical illumination ofcomplex decision problems within any context. Subjects may include utility theory, probability as a statement of belief, risk preference, value of information and control, probability assessment, influence diagrams, risk sharing and scaling, and life-and-death decision making. Prerequisite: Mechanical Engineering 353 or equivalent with a grade of at least C-.
• 18617 TTH 200 - 230P ETC 3.108 BICKEL, J

ORI 280M 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.
• 18620

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.
• 18625

ORI 680M 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.
• 18630

ORI 980M 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.
• 18635

ORI 390R 3-TIME-SER MODLNG/ANLY/CONTROL
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. Methods for analytical modeling, analysis, prediction, and control of linear, stationary time series. Includes examples of advanced research in nonstationary time-series modeling and applications in manufacturing, financial engineering, geosciences, and other areas. Students complete a project on a topic of their choice. Prerequisite: Graduate standing, and an undergraduate calculus-based course in probability and statistics or consent of instructor. Additional prerequisite: Graduate standing, Mechanical Engineering 364L or the equivalent, an undergraduate calculus-based course in probability and statistics or consent of instructor. same as M E 384Q (TOPIC 3).
• 18640 TTH 200 - 330P ETC 3.112 DJURDJANOVIC, D

5-APPLIED STOCHASTIC 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. Poisson process, renewal theory, discrete and continuous-time Markov chains, queueing and reliability applications. Prerequisite: Graduate standing, and an undergraduate calculus-based course in probability and statistics or consent of instructor.
• 18645 TTH 930 - 1100 ETC 5.132 HASENBEIN, J

9-SYSTEMS SIMULATION
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. Random number generation, simulation experiments, statistical verification, clock routines, simulation language applications, industrial problems. Prerequisite: Graduate standing, and an undergraduate calculus-based course in probability and statistics or consent of instructor.
• 18650 TTH 1100 - 1230P ETC 5.132 HASENBEIN, J

17-DECISION ANALYSIS
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. Principles and application of techniques for the logical illumination of complex decision problems within any context. Subjects may include utility theory, probability as a statement of belief, risk preference, value of information and control, probability assessment, influence diagrams, risk sharing and scaling, and life-and-death decision making. Prerequisite: Graduate standing, and an undergraduate calculus-based course in probability and statistics or consent of instructor. meets with PGE 383.
• 18655 TTH 200 - 330P ETC 3.108 BICKEL, J

ORI 391Q 4-INTEGER PROGRAMMING
Course number may be repeated for credit when the topics vary. Mathematical optimization techniques with applications to engineering and industrial problems. Models, theory, and computational methods for problems with discrete decision alternatives. Greedy algorithms, branch and bound, cutting plane methods, Lagrangian relaxation, and heuristics. Prerequisite: Graduate standing and a course in operations research methods.
• 18660 MW 1000 - 1130 ETC 7.146 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.
• 18665 F 200 - 500P ETC 5.132 HANASUSANTO, G

HEALTH CARE DELIVERY MODELS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18670 MW 1230 - 200P ETC 7.146 BARD, J

LOGISTICS ANALYTICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18675 TTH 1230 - 200P ETC 5.132 KUTANOGLU, E

OPTIMIZATION UNDER UNCERTAINTY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18680 MW 200 - 330P ETC 5.132 HANASUSANTO, G

SYSTEMS MODELING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 18685 TTH 330 - 500P ETC 7.146 LEIBOWICZ, B

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.
• 18690 M 400 - 700P ETC 5.132 HANASUSANTO, G

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.
• 18695

ORI 397P PROJ IN OPER RSCH & INDUS ENGR
Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 18700

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.
• 18705

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 698A, graduate standing in operations research and industrial engineering and consent of the graduate adviser; for 698B, Operations Research and Industrial Engineering 698A.
• 18710

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.
• 18715

ORI 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18720

ORI 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18725

ORI 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 18730

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.
• 18735

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.
• 18740

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.
• 18745

HILDEBRAND DEPARTMENT OF PETROLEUM AND GEOSYSTEMS ENGINEERING

Petroleum and Geosystems Engineering - PGE

PGE 301 ENGINEERING/ENERGY/ENVIR-NOR
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Introduction to the field of petroleum engineering. Overview of energy supply and demand. Studies subsurface engineering and engineering problem-solving methods, with an emphasis on fossil energy exploitation and geologic CO2 storage. Includes aspects of basic petroleum geology. Enrollment limited to beginning students in petroleum and geosystems engineering. Prerequisite: Credit with a grade of at least C- or registration for Geological Sciences 401 or 303. Restricted to students in the Maymester Abroad Program. Class meets June 5-July 6. Taught in Grimstad, Oslo, and Stavanger, Norway. Students must consult with the department as travel and orientation dates may be in addition to these dates.
• 18800 OLSON, J

ENGINEERING, ENERGY, THE ENVIR
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Introduction to the field of petroleum engineering. Overview of energy supply and demand. Studies subsurface engineering and engineering problem-solving methods, with an emphasis on fossil energy exploitation and geologic CO2 storage. Includes aspects of basic petroleum geology. Enrollment limited to beginning students in petroleum and geosystems engineering. Prerequisite: Credit with a grade of at least C- or registration for Geological Sciences 401 or 303.

• 18805	MWF	900 - 1000	CPE 2.204	OLSON, J
	T	800 - 1000	CPE 1.168	
• 18810	MWF	900 - 1000	CPE 2.204	OLSON, J
	T	1000 - 1200	CPE 1.168	
• 18815	MWF	900 - 1000	CPE 2.204	OLSON, J
	M	1100 - 100P	CPE 1.168	
• 18820	MWF	900 - 1000	CPE 2.204	OLSON, J
	T	1200 - 200P	CPE 1.168	
• 18825	MWF	900 - 1000	CPE 2.204	OLSON, J
	M	100 - 300P	CPE 1.168	
• 18830	MWF	900 - 1000	CPE 2.204	OLSON, J
	M	300 - 500P	CPE 1.168	
• 18835	MWF	1000 - 1100	CPE 2.204	OLSON, J
	T	800 - 1000	CPE 1.168	
• 18840	MWF	1000 - 1100	CPE 2.204	OLSON, J
	T	1000 - 1200	CPE 1.168	
• 18845	MWF	1000 - 1100	CPE 2.204	OLSON, J
	M	1100 - 100P	CPE 1.168	
• 18850	MWF	1000 - 1100	CPE 2.204	OLSON, J
	T	1200 - 200P	CPE 1.168	
• 18855	MWF	1000 - 1100	CPE 2.204	OLSON, J
	M	100 - 300P	CPE 1.168	
• 18860	MWF	1000 - 1100	CPE 2.204	OLSON, J
	M	300 - 500P	CPE 1.168	

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.
• 18865 MWF 1100 - 1200 CPE 2.210 PRODANOVIC, M

FORM/SOL GEOSYS ENGR PROB-CRO
Hour(s) to be arranged. Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Maymester Abroad Program. Class meets May 20-June 15. Taught in Zagreb and Dubrovnik, Croatia. Students must consult with the department as travel and orientation dates may be in additio n to these dates.
• 18870 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.
• 18875 TTH 1100 - 1230P CPE 2.210 NGUYEN, Q

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.
• 18880 TTH 930 - 1100 RLM 7.104 BALHOFF, M

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.
• 18885 TTH 1230 - 200P CPE 2.202 DICARLO, D

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.

• 18890	TTH	1100 - 1230P	CPE 2.204	OKUNO, R
	TH	800 - 1100	CPE 1.120	
• 18895	TTH	1100 - 1230P	CPE 2.204	OKUNO, R
	MW	1100 - 200P	CPE 1.120	
• 18900	TTH	1100 - 1230P	CPE 2.204	OKUNO, R
	TH	1230 - 330P	CPE 1.120	
• 18905	TTH	1100 - 1230P	CPE 2.204	OKUNO, R
	T	200 - 500P	CPE 1.120	
• 18910	TTH	1100 - 1230P	CPE 2.204	OKUNO, R
	W	200 - 500P	CPE 1.120	

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.

• 18915	TTH	1230 - 200P	CPE 2.210	VAN OORT, E
	W	800 - 930	CPE 1.116	
• 18920	TTH	1230 - 200P	CPE 2.210	VAN OORT, E
	M	1200 - 130P	CPE 1.116	
• 18925	TTH	1230 - 200P	CPE 2.210	VAN OORT, E
	M	130 - 300P	CPE 1.116	
• 18930	TTH	1230 - 200P	CPE 2.210	VAN OORT, E
	W	300 - 430P	CPE 1.116	
• 18935	TTH	1230 - 200P	CPE 2.210	VAN OORT, E
	T	330 - 500P	CPE 1.116	

PGE 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-.

• 18940	MWF	900 - 1000	ETC 2.102	HEMPEL-MEDINA, D
• 18945	MWF	100 - 200P	ETC 2.102	HEMPEL-MEDINA, D
• 18950	MWF	200 - 300P	ETC 2.102	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.

• 18955	MWF	100 - 200P	CPE 2.204	ESPINOZA, D
	W	800 - 1000	CPE 1.168	
• 18960	MWF	100 - 200P	CPE 2.204	ESPINOZA, D
	W	1100 - 100P	CPE 1.168	
• 18965	MWF	100 - 200P	CPE 2.204	ESPINOZA, D
	TH	1100 - 100P	CPE 1.168	
• 18970	MWF	100 - 200P	CPE 2.204	ESPINOZA, D
	TH	100 - 300P	CPE 1.168	
• 18975	MWF	100 - 200P	CPE 2.204	ESPINOZA, D
	W	200 - 400P	CPE 1.168	

10/11/2013

course unique days time room instructor

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.

• 18980 MWF 1000 - 1100 CPE 2.210 HEIDARI, Z

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-.

• 18985 TTH 200 - 330P CPE 2.204 TORRES-VERDIN, C

PGE 362 PRODUCTION TECHNOLOGY AND DSGN

Offered on the letter-grade basis only. Analysis, specification, and characteristics of production systems; inflow performance; wellbore and tubing hydraulics; and artificial lift. Restricted to petroleum engineering majors. Prerequisite: Petroleum and Geosystems Engineering 430 with a grade of at least C-.

• 18990 MWF 1100 - 1200 CPE 2.204 BOMMER, P

PGE 363 PETROLEUM LEASING REG AND PRAC

Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. Domestic and worldwide regulations associated with petroleum leasing, including offshore areas, and environmental provisions concerning petroleum exploration and production. Restricted to petroleum engineering majors. Prerequisite: Credit with a grade of at least C- or registration for Petroleum and Geosystems Engineering 365. meets with PGE 383 (TOPIC 46), EER 396.

• 18995 F 300 - 600P CPE 2.202 MALIK, K

PGE 364 NATURAL GAS ENGINEERING

Production, transportation, and storage of gas; metering and gauging; performance of wells; estimation of gas reserves; prevention of waste and utilization of natural gas. Prerequisite: For petroleum engineering majors, Petroleum and GeosystemsEngineering 326, 323K, and 362; for others, upper-division standing and consent of instructor. meets with PGE 383 (TOPIC 24).

• 19000 MWF 1200 - 100P CPE 2.202

PGE 371 ENERGY FINANCE

Offered on the letter-grade basis only. Fundamentals of finance as applied to the petroleum industry, including petroleum project financing techniques, investigating sources of capital, and methods used to evaluate an oil company's financial performance. Restricted to petroleum engineering majors. Prerequisite: Credit with a grade of at least C- or registration for Petroleum and Geosystems Engineering 365. meets with PGE 383 (TOPIC 41), EER 396.

• 19005 TH 400 - 700P CPE 3.159 MALIK, K

PGE 372 ADV DRILLING & WELL COMPLETION

Applications of geomechanics in wellbore and near-wellbore problems encountered in drilling and completing high-pressure, high-temperature wells on land and water locations. Petroleum and Geosystems Engineering 372 and 379 (Topic: Advanced Drilling and Well Completions) may not both be counted. Prerequisite: Petroleum and Geosystems Engineering 430 and 334 with a grade of at least C-.

• 19010 MW 1200 - 130P CPE 3.159 GRAY, K

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.

• 19015 MW 400 - 530P CPE 2.210 DAIGLE, H
W 900 - 1000 CPE 5.126
• 19020 MW 400 - 530P CPE 2.210 DAIGLE, H
T 930 - 1030 CPE 5.126
• 19025 MW 400 - 530P CPE 2.210 DAIGLE, H
TH 930 - 1030 CPE 5.126
• 19030 MW 400 - 530P CPE 2.210 DAIGLE, H
M 1000 - 1100 CPE 5.126
• 19035 MW 400 - 530P CPE 2.210 DAIGLE, H
W 1000 - 1100 CPE 5.126
• 19040 MW 400 - 530P CPE 2.210 DAIGLE, H
T 1100 - 1200 CPE 5.126
• 19045 MW 400 - 530P CPE 2.210 DAIGLE, H
W 1100 - 1200 CPE 5.126
• 19050 MW 400 - 530P CPE 2.210 DAIGLE, H
TH 1100 - 1200 CPE 5.126
• 19055 MW 400 - 530P CPE 2.210 DAIGLE, H
T 100 - 200P CPE 5.126
• 19060 MW 400 - 530P CPE 2.210 DAIGLE, H
T 200 - 300P CPE 5.126

course unique days time room instructor

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.

• 19063

PGE 276 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.

• 19064

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.

• 19065

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.

• 19070 TTH 930 - 1100 CPE 2.202 BOMMER, P

11-FACILITIES MANAGEMENT

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. Petroleum fluid characteristics, process control, separators, metering, produced water, tanks, gas processing, gas compression, and liquid pumps. Petroleum and Geosystems Engineering 379 (Topic: Oil and Gas Production Facilities Design) and 379 (Topic 11) 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 or 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 362 with a grade of at least C-. meets with PGE 383 (TOPIC 59).

• 19075 MWF 200 - 300P CPE 2.202 BOMMER, P

13-FUNDMTLS ENHNCD OIL RECVRY

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 the fundamental displacement concepts of chemical, miscible,and thermal enhanced oil recovery methods. Also includes the concept of phase behavior in each process. Petroleum and Geosystems Engineering 379 (Topic: Fundamentals of Enhanced Oil Recovery Techniques) and 379 (Topic 13) 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 323L (or 323) with a grade of at least C-.

• 19080 MWF 1100 - 1200 CPE 2.202 LAKE, L

17-APPLIED SUBSURFACE GEOLOGY

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. Principles and techniques for subsurface geologic interpretation, including subsurface mapping; construction of cross-sections; core description and analysis; stratigraphic interpretation of well logs; and stratigraphic and facies interpretation of seismic data. Petroleum and Geosystems Engineering 379 (Topic: Applied Subsurface Geology) and 379 (Topic 17) 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: Geology 416M or 316P with a grade of at least C-. meets with PGE 383.

• 19085 TTH 330 - 500P CPE 2.202 OLSON, H

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.

• 19090

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.

• 19095

course unique days time room instructor

PGE 382 BASIC GEO CONCEPTS FOR ENGRS
Basic geological principles for students with little or no geological background. Prerequisite: Graduate standing in petroleum or civil engineering.
• 19100 TTH 500 - 630P CPE 2.202 OLSON, H

PGE 382L NUM METH IN PETROL/GEOSYS ENGR
The use of numerical methods and computers in the solution of petroleum and geosystems engineering problems. Prerequisite: Graduate standing.
• 19105 MWF 1000 - 1100 CPE 2.202 SEPEHRNOORI, K

PGE 383 ADV DRILLING & WELL COMPLETION
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.
• 19110 TTH 330 - 500P CPE 2.210 VAN OORT, E

APPLIED SUBSURFACE GEOLOGY
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 17).
• 19115 TTH 330 - 500P CPE 2.202 OLSON, H

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).
• 19120 TTH 930 - 1100 CPE 2.202 BOMMER, P

DECISION ANALYSIS
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 ORI 390R (TOPIC 17).
• 19125 TTH 200 - 330P ETC 3.108 BICKEL, J

SMALL-SCALE FLUID FLOW
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.
• 19130 MWF 1000 - 1100 CPE 3.159

24-NATURAL GAS ENGINEERING
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 364.
• 19135 MWF 1200 - 100P CPE 2.202

35-ADV PRODUCTION ENGINEERING
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.
• 19140 TTH 200 - 330P CPE 2.202 NGUYEN, Q

41-ENERGY FINANCE
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 371, EER 396.
• 19145 TH 400 - 700P CPE 3.159 MALIK, K

46-INTL PETROL CONCESSN/AGREE
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 363, EER 396.
• 19150 F 300 - 600P CPE 2.202 MALIK, K

56-STOCH METH FOR RSVOIR MODEL
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Spatial interpolation and stochastic simulation techniques for reservoir characterization. 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.
• 19155 MWF 900 - 1000 CPE 3.159 PYRCZ, M

59-OIL & GAS FACILITIES DESIGN
Course number may be repeated for credit when the topics vary. Recent literature on petroleum production practice and petroleum and geosystems engineering problems. Applied theory relating to field processing of hydrocarbons and water, including hydrocarbon and gas separation, gas sweetening and dehydration, gas compression, fluid metering, process control, corrosion, and safety systems. 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. Additional prerequisite: Petroleum and Geosystems Engineering 381M and 384, or consent of instructor. meets with PGE 379 (TOPIC 11).
• 19160 MWF 200 - 300P CPE 2.202 BOMMER, P

PGE 384 ADV THERMODYNAM & PHASE BEHAV
May be repeated for credit. Thermodynamic study of pressure/volume/temperature/composition relationships in oil and gas mixtures. Prerequisite: Graduate standing in petroleum engineering and twelve semester hours of upper-division coursework in petroleum and geosystems engineering.
• 19165 TTH 200 - 330P CPE 3.159 OKUNO, R

PGE 386K ADV FLUID FLOW IN POROUS MEDIA
The hydrodynamic equations governing the steady state flow of homogeneous fluids in porous media and their application to petroleum and geosystems engineering problems. Prerequisite: Graduate standing.
• 19170 TTH 800 - 930 CPE 2.202 DICARLO, D

PGE 387K FUNDMTLS ENHANCED OIL RECVRY I
Recent innovations in the recovery of petroleum by injecting fluids miscible with the oil or by application of heat to the reservoir. Prerequisite: Graduate standing.
• 19175 TTH 1100 - 1230P CPE 2.202 POPE, G

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.
• 19180

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.
• 19185

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.
• 19190

PGE 392K NUM SIMULATION OF RESERVOIRS
Development and application of reservoir simulator models to primary andsecondary recovery processes in reservoir engineering. Prerequisite: Graduate standing.
• 19195 TTH 1230 - 200P CPE 3.159 BALHOFF, M

PGE 393 GRADUATE RESEARCH SEMINAR
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.
• 19200 MWF 300 - 400P CPE 2.204 BALHOFF, M
• 19205 MWF 300 - 400P CPE 2.204 DAIGLE, H
• 19210 MWF 300 - 400P CPE 2.204 DICARLO, D
• 19215 MWF 300 - 400P CPE 2.204 ESPINOZA, D
• 19220 MWF 300 - 400P CPE 2.204 FOSTER, J
• 19225 MWF 300 - 400P CPE 2.204 GRAY, K
• 19230 MWF 300 - 400P CPE 2.204 HEIDARI, Z
• 19235 MWF 300 - 400P CPE 2.204 LAKE, L
• 19240 MWF 300 - 400P CPE 2.204 MOHANTY, K
• 19245 MWF 300 - 400P CPE 2.204 NGUYEN, Q
• 19250 MWF 300 - 400P CPE 2.204 OKUNO, R
• 19255 MWF 300 - 400P CPE 2.204 OLSON, J
• 19260 MWF 300 - 400P CPE 2.204 POPE, G
• 19265 MWF 300 - 400P CPE 2.204 PRODANOVIC, M
• 19270 MWF 300 - 400P CPE 2.204 PYRCZ, M
• 19275 MWF 300 - 400P CPE 2.204 SEPEHRNOORI, K
• 19280 MWF 300 - 400P CPE 2.204 SHARMA, M
• 19285 MWF 300 - 400P CPE 2.204 TORRES-VERDIN, C
• 19290 MWF 300 - 400P CPE 2.204 VAN OORT, E

GRADUATE RESEARCH SEMINAR
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.
• 19295 WHEELER, M

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.
• 19300

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.
• 19305

Draft 1/20/18

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.
• 19310

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.
• 19315

PGE 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19320

PGE 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19325

PGE 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19330

PGE 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Petroleum and Geosystems Engineering 399R, 699R, or 999R.
• 19335

PGE 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Petroleum and Geosystems Engineering 399R, 699R, or 999R.
• 19340

PGE 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Petroleum and Geosystems Engineering 399R, 699R, or 999R.
• 19345

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.
• 19400 MW 1230 - 200P DAWSON, K

F A 140 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 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.
• 19405 MUNNELLY, K

F A 340 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 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.
• 19410 MUNNELLY, K

F A 362 FOUNDATIONS OF ARTS MANAGEMENT
Offered on the letter-grade basis only. Restricted enrollment; contact the department for permission to register for this class. 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.
• 19415 TTH 330 - 500P RLP 0.122 MUNNELLY, K

F A 365 FUNDRAISING IN THE ARTS
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Survey of strategies involved in generating contributed income for arts organizations from private individuals, foundations, corporations, businesses and government agencies, and focus on how the process is related to marketing tickets to the same patrons. Only one of the following may be counted: Fine Arts 365, 381 (Topic: Fundraising in the Arts), 385. Prerequisite: Upper-division standing. meets with F A 381.
• 19420 TTH 330 - 500P MRH 2.604

F A 371 ARTS IN A GLOBAL WORLD
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.
• 19425 TTH 1230 - 200P CAL 200 BIANCHI GEISSE, C

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.
• 19430 M 600 - 900P RLP 0.122 DAVISON, N

NEW ARTS JOURNALISM
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. 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.
• 19435 TTH 930 - 1100 RLP 0.124 VAN RYZIN, J

F A 381 CAREER GOALS AND MANAGEMENT
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.
• 19440 TTH 200 - 330P MRH 4.116 HILLEY, M

CULTURAL POLICY & PARTICIPATN
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. Topic description: Examines governmental and private policies, and structures that impact cultural production and participation. Considers rationales for and against public support for culture, how policies have both promoted and impeded cultural producers and consumers, advocacy efforts by organizations in the cultural sector, and relations between governmental policy and private initiative.
• 19445 T 200 - 500P DFA 4.112 OSTROWER, F

10/11/2010

FUNDRAISING IN THE ARTS
Designed to accommodate 35 or fewer students. 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 365.
• 19447 TTH 330 - 500P MRH 2.604

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 counted: Fine Arts 362, 381 (Topic: Foundations of Arts Management), 383. Prerequisite: Graduate standing. meets with F A 362.
• 19450 TTH 330 - 500P RLP 0.122 MUNNELLY, K

DEPARTMENT OF ART AND ART HISTORY

Art Education - AED
Art History - ARH
Studio Art - ART
Visual Art Studies - VAS

AED 381K CONTEMP ISSUES IN ART EDUCATN
The role of art education in education and society, including technology, multiculturalism, gender studies, contemporary art, visual and material culture, interdisciplinary connections, media studies, and community-based art education. Prerequisite: Graduate standing in art education, Art Education 381G, and consent of the graduate adviser.
• 19505 W 200 - 500P ART 3.408

AED 382H THESIS PROPOSAL & PREPARATION
Focuses on the preparation of a graduate thesis proposal, with emphasis on the student's identification of a central research question. Prerequisite: For art education majors, graduate standing, Art Education382G, and consent of the graduate adviser; for others, graduate standingand consent of instructor.
• 19510 M 200 - 500P ART 3.408

AED 383K MUSEUM EDUCATN: PRAC & APPLIC
The practice and application of museum education within the context of art museums. Prerequisite: Graduate standing and consent of instructor.
• 19515 TH 100 - 400P ART 3.408

AED 384 CURRICULUM DEVELOPMENT IN ART
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Readings, discussion, and research relevant to major current trends in art education. Prerequisite: Graduate standing and consent of the graduate adviser.
• 19517 T 1100 - 200P ART 3.408 BAIN, C

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.
• 19519

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.
• 19520

AED 388D ART & THE CREATION OF MEANING
Additional hour(s) to be arranged. Discussion, analysis, and hands-on use of the materials, techniques, and processes used to create artwork in early childhood through grade twelve classrooms. Prerequisite: Graduate standing and consent of instructor.
• 19525 T 1100 - 200P ART 3.408 BAIN, 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.
• 19530

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.
• 19535

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.
• 19590 MWF 1100 - 1200 OKEDIJI, M
• 19595 MWF 1200 - 100P ART 1.110 RUNGGALDIER, A
• 19600 MWF 200 - 300P ART 1.110
• 19605 TTH 330 - 500P ART 1.110
• 19610 MW 400 - 530P ART 1.110

INTRODUCTION TO VISUAL ARTS
Designed to accommodate 100 or more students. A broad survey of selected traditions of art with an emphasis upon understanding their visual elements and cultural significance.
• 19615 TTH 200 - 300P ART 1.102 SMITH, J
T 1000 - 1100 ART 3.433
• 19620 TTH 200 - 300P ART 1.102 SMITH, J
F 1000 - 1100 ART 3.433
• 19625 TTH 200 - 300P ART 1.102 SMITH, J
T 1100 - 1200 ART 3.433
• 19630 TTH 200 - 300P ART 1.102 SMITH, J
F 1100 - 1200 ART 3.433
• 19635 TTH 200 - 300P ART 1.102 SMITH, J
T 1200 - 100P ART 3.433
• 19640 TTH 200 - 300P ART 1.102 SMITH, J
F 1200 - 100P ART 3.433
• 19645 TTH 200 - 300P ART 1.102 SMITH, J
T 100 - 200P ART 3.433
• 19650 TTH 200 - 300P ART 1.102 SMITH, J
F 100 - 200P ART 3.433
• 19655 TTH 200 - 300P ART 1.102 SMITH, J
F 200 - 300P ART 3.433
• 19660 TTH 200 - 300P ART 1.102 SMITH, J
TH 300 - 400P ART 2.208
• 19665 TTH 200 - 300P ART 1.102 SMITH, J
F 300 - 400P ART 3.433
• 19670 TTH 200 - 300P ART 1.102 SMITH, J
TH 400 - 500P ART 2.208

ARH 302 SURV ANCIENT THRU MEDIEVAL ART
A study of selected visual works throughout the world from prehistoric time to 1400 CE.
• 19675 TTH 1100 - 1200 UTC 4.124 MULDER, S
F 1000 - 1100 ART 2.208
• 19680 TTH 1100 - 1200 UTC 4.124 MULDER, S
F 1100 - 1200 ART 2.208
• 19685 TTH 1100 - 1200 UTC 4.124 MULDER, S
TH 1200 - 100P ART 2.208
• 19690 TTH 1100 - 1200 UTC 4.124 MULDER, S
F 1200 - 100P ART 2.208
• 19695 TTH 1100 - 1200 UTC 4.124 MULDER, S
TH 100 - 200P ART 2.208
• 19700 TTH 1100 - 1200 UTC 4.124 MULDER, S
TH 200 - 300P ART 2.208
• 19705 TTH 200 - 300P PHR 2.114 DAVIES, P
W 1200 - 100P ART 2.208
• 19710 TTH 200 - 300P PHR 2.114 DAVIES, P
W 100 - 200P ART 2.208
• 19715 TTH 200 - 300P PHR 2.114 DAVIES, P
W 200 - 300P 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.
• 19720 MWF 900 - 1000 ART 1.110

SURV OF RENAIS THRU MODERN ART
Designed to accommodate 100 or more students. A study of selected visual works throughout the world from 1400 CE to the present.
• 19725 MW 1200 - 100P ART 1.102 RATHER, S
TH 1000 - 1100 ART 3.433
• 19730 MW 1200 - 100P ART 1.102 RATHER, S
F 1000 - 1100 ART 3.433
• 19735 MW 1200 - 100P ART 1.102 RATHER, S
TH 1100 - 1200 ART 3.433
• 19740 MW 1200 - 100P ART 1.102 RATHER, S
F 1100 - 1200 ART 3.433
• 19745 MW 1200 - 100P ART 1.102 RATHER, S
TH 1200 - 100P ART 3.433
• 19750 MW 1200 - 100P ART 1.102 RATHER, S
TH 100 - 200P ART 3.433
• 19755 MW 1200 - 100P ART 1.102 RATHER, S
F 1200 - 100P ART 3.433
• 19760 MW 1200 - 100P ART 1.102 RATHER, S
TH 200 - 300P ART 3.433
• 19765 MW 1200 - 100P ART 1.102 RATHER, S
F 100 - 200P ART 3.433
• 19770 MW 1200 - 100P ART 1.102 RATHER, S
TH 300 - 400P ART 3.433
• 19775 MW 1200 - 100P ART 1.102 RATHER, S
F 200 - 300P ART 3.433
• 19780 MW 1200 - 100P ART 1.102 RATHER, S
F 300 - 400P ART 3.433

SURV OF RENAIS THRU MODERN ART
A study of selected visual works throughout the world from 1400 CE to the present.
• 19785 TTH 500 - 630P ART 1.110

10/11/2018

course | unique | days | time | room | instructor

ARH 321 PROBLEMS ART HISTORICAL RSCH
Focus on developing research skills. Introduction to critical analysis in the context of using various resources and primary materials. Restricted to art history majors.
• 19790 TTH 330 - 500P ART 3.432 CHARLESWORTH, M

ARH 322 ISS EXHBT/COLLECTN VIS ARTS
Examines the histories and practices of collections and exhibitions in the visual arts.
• 19795 T 800 - 1100 WALDMAN, L

ARH 327N ART/POLITICS IMPERIAL ROME
Public art of the Roman Empire from Augustus to late antiquity, ca. 31 BC to AD 350. Art History 327N and Classical Civilization 340 (Topic 2) may not both be counted. Prerequisite: Upper-division standing. same as C C 340 (TOPIC 2).
• 19800 TTH 1100 - 1230P DFA 2.204 DAVIES, P

ARH 327R ART IN LIVES ORDINARY ROMANS
Art and architecture from the archaeological sites of Pompeii, Herculaneum, and Ostia as indices of Roman culture, 100 BC to AD 250. Only one of the following may be counted: Art History 327R, European Studies 347 (Topic: Art in the Lives of Ordinary Romans), 347 (Topic 26). same as EUS 347 (TOPIC 26).
• 19805 MWF 1100 - 1200 DFA 2.204 CLARKE, J

ARH 330G ART AT COURT: GOTHIC PERIOD
Changing manifestations of Gothic art and architecture at selected courtcenters, 1140 to 1400. meets with EUS 347.
• 19810 TTH 1230 - 200P DFA 2.204 HOLLADAY, J

ARH 330J GOTHIC CATHEDRAL: AMIENS
Designed to accommodate 35 or fewer students. An examination of the cathedral at Amiens, its meaning, structure, political and financial contexts, and sculptural programs, as well as its influence on other buildings in France and Germany. Only one of the following may be counted: Art History 330J, 374 (Topic: Gothic Cathedral: Amiens), European Studies 347 (Topic: Gothic Cathedral: Amiens), 347 (Topic 30), Religious Studies 357 (Topic: Gothic Cathedral: Amiens), 357 (Topic 14). same as EUS 347 (TOPIC 30), R S 357 (TOPIC 14).
• 19815 TTH 930 - 1100 DFA 2.506 HOLLADAY, J

ARH 332K NORTH RENAIS ART 1350-1500
Northern European art from the International Style to van Eyck and Hieronymus Bosch. Only one of the following may be counted: Art History 332K, European Studies 347 (Topic: Northern Renaissance Art, 1350-1500), 347 (Topic 27), Religious Studies 357 (Topic: Northern Renaissance Art, 1350-1500), 357 (Topic 7). same as EUS 347 (TOPIC 27), R S 357 (TOPIC 7).
• 19820 TTH 930 - 1100 DFA 2.204 SMITH, J

ARH 338M ART AND CULTURE: 1968 & AFTER
Artistic and critical activity in the United States and Europe from 1968to the present.
• 19822 TTH 200 - 330P DFA 2.204 EVANS, A

ARH 338J PERFORMING ART HISTORY
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Uses the work of one seminal performance, film, video, and installation artist as a case study for considering the history of minimalism, video,and performance in the United States and Europe from the 1960s to the present and for developing ways of writing about time-based media in general. Only one of the following may be counted: Art History 338J, 359 (Topic: Performing Art History), 366P (Topic: Performing Art History), Women andGender Studies 345 (Topic: Performing Art History). Prerequisite: Upper-division standing.
• 19825 TTH 930 - 1100 ART 3.432 REYNOLDS, A

ARH 339N PAINTING IN AMERICA TO 1860
Designed to accommodate 35 or fewer students. Painting in British colonial North America and the United States prior to the Civil War. Only one of the following may be counted: American Studies 325 (Topic 2), Art History 339N, 374 (Topic 1). same as AMS 325 (TOPIC 2).
• 19826 TTH 1230 - 200P DFA 2.506 RATHER, S

ARH 339P US PAINTING: 1860-1913
Designed to accommodate 35 or fewer students. Painting in the United States from the Civil War to the Armory Show. Only one of the following may be counted: American Studies 325 (Topic 3), Art History 339P, 374 (Topic 2). same as AMS 325 (TOPIC 3).
• 19827 TTH 330 - 500P DFA 2.204 RATHER, S

ARH 339Q MDRNSM IN AM DESIGN/ARCH
A historical survey of artifacts, buildings, and urban environments, focusing on responses to machine-age civilization. Only one of the following may be counted: American Studies 330, Art History 339Q, Urban Studies 352 (Topic: Modernism in American Design andArchitecture), 352 (Topic 5). Prerequisite: Upper-division standing. same as AMS 330, URB 352 (TOPIC 5).
• 19830 TTH 200 - 330P SAC 5.102 MEIKLE, J

ARH 344J TWNTH-CEN AFR AMER ART
A survey of visual art produced by people of African descent in the United States with an emphasis on the twentieth century and its sociohistorical framework. Changes in modes of expression, formal concerns, pictorial themes, and the impact of the Black Arts movement, feminism, and Afrocentrism on art are explored, as well as the relationship of the work of black artists to art from West and Central Africa and the visual traditions of European and Euro-American artists. Only one of the following may be counted: African and African Diaspora Studies 372E (Topic: Twentieth-Century African American Art), 374F (Topic: 20th-Century African American Art), 374F (Topic 19), Art History 344J, 366N (Topic: 20th-Century African American Art). same as AFR 374F (TOPIC 19).
• 19835 MWF 1200 - 100P DFA 2.204 CHAMBERS, E

ARH 345L DIASPORA VISIONS
An exploration of border crossing by cultures and groups including Yorubas, Jews, Armenians, Tibetans, Hamish, Pakistanis, and Indians and the production of images by immigrants, exiles, and nomads in alien lands. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Diaspora Vision), 374F (Topic 13), Art History 345L, 373D (Topic: Diaspora Visions), 374 (Topic: Diaspora Vision), Women's and Gender Studies 340 (Topic: Diaspora Vision), 340 (Topic 48). same as AFR 374F (TOPIC 13), WGS 340 (TOPIC 48).
• 19840 MWF 200 - 300P DFA 2.204 OKEDIJI, M

ARH 347L MESOAMERICAN ART/CULTURE
Mesoamerican art, architecture, and its archaeological context, with emphasis on the social function of art and visual culture in ancient Mesoamerica up to the time of European contact. Art History 347L and Latin American Studies 327 (Topic 3) may not both be counted. same as LAS 327 (TOPIC 3).
• 19845 TTH 930 - 1100 ART 1.120 GUERNSEY, J

ARH 347M MAYA ART/ARCHITECTURE-GUA
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Introduction to the artistic traditions of the ancient Maya, tracing their development up to the time of European contact. Students will examine various important themes of Maya culture including history, ritual, and cosmology as revealed in sculpture, hieroglyphs, painting, and architectural design. Art History 347M and Latin American Studies 327 (Topic 5) may not both be counted. Restricted to students in the Maymester Abroad Program. Class meets June 5-July 2. Taught at Casa Herrera, Antigua, Guatemala. Students must consult with department as travel and orientation dates may be in addition to these dates. same as LAS 327 (TOPIC 5). also meets with ANT 324L, GRG 356T.
• 19850 STUART, D

ARH 363 MID EAST HIST IN 100 OBJECTS
Course number may be repeated for credit when the topics vary. meets with MES 343, ISL 373, HIS 364G.
• 19855 TTH 200 - 330P ART 1.110 MULDER, S

ARH 364 ART/GEOLOGY/PLACE IN ITALY
Course number may be repeated for credit when the topics vary.
• 19860 TTH 1100 - 1230P DFA 2.506 JOHNS, A

ARH 366N 4TH DIMENSN IN 20C ART CUL
Course number may be repeated for credit when the topics vary.
• 19865 TTH 1100 - 1230P ART 3.432 HENDERSON, L

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.
• 19870 M 300 - 600P ART 3.433 LEOSHKO, J

ARH 376 READING TUTORIAL IN ARH PROBS
Hour(s) to be arranged. 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.
• 19875

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.
• 19880

ARH 382 NARRATIVE STRAT ANC VIS CULT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.
• 19885 M 200 - 500P ART 3.432 CLARKE, J

PARTHENON THROUGH THE AGES
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.
• 19890 M 1000 - 100P ART 3.432 PAPALEXANDROU, A

ARH 384 MICHELANGELO
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.
• 19892 W 900 - 1200 DFA 2.506 WALDMAN, L

course	unique	days	time	room	instructor

ARH 393D VISUALIZING SLAVERY
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 AMS 391, AFR 387D.

• 19895	W	900 - 1200	ART 3.432	CHAMBERS, E

ARH 394 ISSUES IN ASIAN ART
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.

• 19900	W	1200 - 300P	ART 3.432	LEOSHKO, J

ISSUES IN MUSEUM STUDIES
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.

• 19905	T	200 - 500P	ART 3.433	WALDMAN, L

WHEN PRACTICE ENCOUNTERS THRY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in art history and consent of the graduate adviser.

• 19910	T	630 - 930P	ART 3.432	SHIFF, R

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.
• 19915

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.
• 19920

ARH 396K ADVANCED LECTURE TUTORIAL
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 19925

ARH 396P QUALIFYING EXAM PREPARATION
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.
• 19930

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.
• 19935

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.
• 19940

ARH 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19945

ARH 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19950

ARH 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 19955

ARH 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Art History 399R, 699R, or 999R.
• 19960

ARH 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Art History 399R, 699R, or 999R.
• 19965

ARH 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Art History 399R, 699R, or 999R.
• 19970

ART 303C CORE STUDIO III
Offered on the letter-grade basis only. Required core studio class with an emphasis on creating spatial and time-based works and exploring formal principles and conceptual concerns. Working with space, time, structure, process, and material. 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.

• 20025	MW	800 - 1100	ART 3.210	
• 20030	MW	800 - 1100	ART 3.214	
• 20035	MW	800 - 1100	ART 4.202	
• 20040	TTH	800 - 1100	ART 3.210	
• 20045	TTH	800 - 1100	ART 3.214	
• 20050	TTH	800 - 1100	ART 4.202	
• 20055	MW	200 - 500P	ART 3.210	
• 20060	MW	200 - 500P	ART 3.214	
• 20065	MW	200 - 500P	ART 4.202	
• 20070	TTH	200 - 500P	ART 3.210	
• 20075	TTH	200 - 500P	ART 3.214	
• 20080	TTH	200 - 500P	ART 4.202	

ART 310P INTRODUCTION TO PRINT
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.

• 20085	MW	800 - 1100	ART 2.308	CURTIS, C
• 20090	TTH	200 - 500P	ART 2.308	CHESNEY, L

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.

• 20095	TTH	800 - 1100	ART 4.210	CANRIGHT, S
• 20100	MW	200 - 500P	ART 4.210	SUTHERLAND, D

ART 313K BEGINNING SCULPTURE
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.

• 20105	MW	200 - 500P	ART 2.410	SAWYER, M
• 20110	TTH	200 - 500P	ART 2.410	HAUFT, A

ART 315K BEGINNING DRAWING
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.

• 20115	MW	800 - 1100	ART 4.206	MEISNER, Z

ART 316K BEGINNING LIFE DRAWING
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.

• 20120	TTH	800 - 1100	ART 4.220	MILLER, A

ART 316V TRANSMEDIA: EXPANDED MEDIA I
Offered on the letter-grade basis only. Introduction to video, digital, net.art, and multiple media art forms with an emphasis on experimentation and a DIY approach to production. Focuses on the history, theory, and evolution of media art practices and their relation to the Internet and social media networks. 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.

• 20125	TTH	800 - 1100	ART 3.202	LUCAS, K

ART 317C TRANSMEDIA: PERFORMNC ART I
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.

• 20130	TTH	200 - 500P	ART 3.206	SMITH, M

ART 317K BEGINNING PHOTOGRAPHY
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.

• 20135	TTH	800 - 1100	ART 2.204	
• 20140	MW	600 - 900P	ART 2.204	DURST, J

ART 318C TRANSMEDIA: DIGTL TIME-ART I
Offered on the letter-grade basis only. Study in digital video, sound, and animation, with emphasis on the exploration of movement, image, and montage. Guided inquiry into pertinent conceptual, perceptual, and practical skills. Prerequisite: For studio art

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course	unique	days	time	room	instructor

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.

• 20145	MW	800 - 1100	ART 3.202	PERZYNSKI, B

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.

• 20150	MW	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.

• 20155	MW	200 - 500P	ART 4.216	AWAI, N

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.

• 20160	TTH	200 - 500P	ART 4.206	CANRIGHT, S

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.

• 20165	TTH	800 - 1100	ART 2.410	STONEY, J

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.

• 20170	MW	800 - 1100	ART 2.410	SAWYER, M

ART 325G INT PRINT: SERIGRAPHY

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. meets with ART 352F.

• 20175	MW	200 - 500P	ART 2.316	

ART 325K INT PRINT: INTAGLIO

Offered on the letter-grade basis only. May be repeated for credit. Instruction in the theories and techniques of intaglio printmaking, color, assemblage, stencil, viscosity, collography, photo process, and relief. May be taken twice for credit. Prerequisite: For studio art and visual art studies majors, Studio Art 310P (or 319K) with a grade of at least C; for others, consent of instructor.

• 20180	TTH	800 - 1100	ART 2.210	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.

• 20185	TTH	1100 - 200P	ART 2.316	GARVEY, C

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.

• 20190	MW	200 - 500P	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.

• 20195	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.

• 20200	TTH	600 - 900P	ART 3.206	SMITH, M

ART 338C TRANSMEDIA: DIGTL TIME-ART II

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.

• 20205	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.

• 20210	MW	800 - 1100	ART 2.402	MCMASTER, R

ART 341K PAINTING III

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.

• 20215	TTH	200 - 500P	ART 4.216	

ART 346K INTERMEDIATE LIFE DRAWING

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.

• 20220	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.

• 20225	T	630 - 930P	ART 1.110	

ART 350C THE NEW COLOR

Offered on the letter-grade basis only. A study of color through the lenses of science, technology, psychology, arts, design and popular culture. Exploration of color using thought experiments, written analysis, tools for independent inquiry with creative research projects, collaborative teamwork exercises, and hands-on experiments.

• 20230	W	700 - 900P	ART 1.102	STOVALL, L
	F	900 - 1000	ART 3.210	
• 20235	W	700 - 900P	ART 1.102	STOVALL, L
	F	900 - 1000	ART 3.214	
• 20240	W	700 - 900P	ART 1.102	STOVALL, L
	F	1000 - 1100	ART 3.210	
• 20245	W	700 - 900P	ART 1.102	STOVALL, L
	F	1000 - 1100	ART 3.214	
• 20250	W	700 - 900P	ART 1.102	STOVALL, L
	F	1100 - 1200	ART 3.210	
• 20255	W	700 - 900P	ART 1.102	STOVALL, L
	F	1100 - 1200	ART 3.214	

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.

• 20260	W	600 - 900P	ART 3.210	

ART 350S SENIOR STUDIO

Offered on the letter-grade basis only. Studio course inclusive of all degree paths which culminates in a seniorexhibition. Restricted to studio art majors. Prerequisite: At least ninety hours of coursework; and the following coursework with a grade of at least C: Studio Art 301C, 302C, and 303C (or 303K, 303L, 304K, and 304L).

• 20265	M	600 - 900P	ART 3.210	

ART 350T DEGREE TRACK PERSPC STUDIO

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. 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).

• 20270	TH	1100 - 200P	ART 3.210	HAUFT, A

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.

• 20275	MW	800 - 1100	ART 4.210	YANCEY, J
• 20280	MW	800 - 1100	ART 4.216	
• 20285	TTH	800 - 1100	ART 4.216	

ART 352D DRAWING FOR NONMAJORS

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.

• 20290	TTH	800 - 1100	ART 3.410	
• 20295	MW	1100 - 200P	ART 4.206	

11/2018

course unique days time room instructor

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.
• 20300 MW 200 - 500P ART 4.220

DRAWING FOR NONMAJORS
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.
• 20305 TTH 200 - 500P ART 4.220 STONEY, J
• 20310 MW 500 - 800P ART 4.206

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.
• 20315 TTH 500 - 800P ART 2.308

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. meets with ART 325G.
• 20320 MW 200 - 500P ART 2.316 CURTIS, C

ART 352J PHOTOGRAPHY FOR NONMAJORS
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.
• 20325 TTH 600 - 900P ART 2.204

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.
• 20330 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.
• 20335 TTH 600 - 900P ART 3.206 SMITH, M

ART 358C TRANSMEDIA: DIGTL TIME-ART III
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.
• 20340 MW 200 - 500P ART 3.202 PERZYNSKI, B

ART 361K PAINTING IV
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.
• 20345 MW 1100 - 200P ART 4.418 YANCEY, J

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.
• 20350 TTH 800 - 1100 ART 2.410 STONEY, J

ART 366K ADVANCED LIFE DRAWING
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.
• 20355 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.
• 20360 TTH 200 - 500P ART 4.206 CANRIGHT, S

ART 372K ADVANCED PHOTOGRAPHY
Offered on the letter-grade basis only. May be repeated for credit. Practice in photography with an emphasis on long-term photography-based projects, more advanced technical knowledge, and a deeper familiarity with uses of the medium. 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.
• 20365 TTH 200 - 500P ART 2.204 HUBBARD, T

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.
• 20370

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.
• 20375 M 600 - 900P ART 2.208 AWAI, N
W 600 - 900P

GROUP CRITIQUE IN STUDIO ART
Designed to accommodate 35 or fewer students. 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.
• 20380 T 600 - 900P ART 2.208 LIU, B
F 600 - 900P ART 2.208

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.
• 20385 M 600 - 900P ART 2.208 AWAI, N
W 600 - 900P
• 20390 T 600 - 900P ART 2.208
F 600 - 900P ART 2.208

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.
• 20394

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.
• 20395
• 20399

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.
• 20400

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.
• 20405

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.
• 20410

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.
• 20414

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.
• 20415 TH 600 - 1000P ART 3.433 BIRCHLER, A

ART 482T WRKNG MDLS: RESIDENCY/SANTA FE
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.
• 20420 TH 600 - 1000P ART 3.433 BIRCHLER, A

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.
• 20422

ART 390 MODEL, 3-D SCAN & DIGITAL FABR
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 studio art. Prerequisite: Graduate standing, consent of graduate adviser, and consent of instructor. meets with ART 320F, ART 340F.
• 20425 MW 800 - 1100 ART 2.402 MCMASTER, R

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.

Draft 1/2018

course unique days time room instructor

Prerequisite: Graduate standing in studio art, concurrent enrollment in Studio Art 398S, and consent of the graduate adviser.
• 20430

ART 398S MASTER'S EXHIBITION SEMINAR
Designed to accommodate 35 or fewer students. Additional 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. meets with ART 498S.
• 20435 T 1100 - 200P ART 3.210 STONEY, J

ART 498S MASTER'S EXHIBITION SEMINAR
Designed to accommodate 35 or fewer students. Additional 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. meets with ART 398S.
• 20440 T 1100 - 200P ART 3.210 STONEY, J

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.
• 20495 TTH 200 - 400P ART 3.408

VAS 351C ART MATLS, TECHNIQS, AND PROCS
Offered on the letter-grade basis only. Exploration and application of basic materials, techniques, and processes in art production used in early childhood through grade twelveclassroom and community-based art instruction. Visual Art Studies 351C and 151D may not both be counted. Restricted to visual art studies majors. Prerequisite: Visual Art Studies 330 with a grade of at least B.
• 20500 TTH 1100 - 200P 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.
• 20501

SCHOOL OF DESIGN AND CREATIVE TECHNOLOGIES

DEPARTMENT OF ART AND ENTERTAINMENT TECHNOLOGIES

Art and Entertainment Technologies - AET

AET 102 AET COLLOQUIUM II
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.
• 20555 T 500 - 600P RLP 0.126 LANINA, Y

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. 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.
• 20560 MW 1000 - 1130 STAMPS, J

AET 305 FOUNDATIONS OF MUSIC TECH
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.
• 20565 MW 800 - 930 DFA 4.126 NOKES, N
• 20570 MW 930 - 1100 DFA 4.126 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.
• 20575 TTH 800 - 930 DFA 4.126
• 20580 TTH 930 - 1100 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.
• 20585 MW 800 - 930 DFA 4.112
• 20590 TTH 800 - 930 DFA 4.112
• 20595 TTH 930 - 1100 DFA 4.112

AET 316 FNDTNS OF NEW PERF TECH
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.
• 20600 TTH 1230 - 200P WIN 1.138 SMITH, M

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.
• 20605 TTH 200 - 330P DFA 4.112 COHEN, D

FNDTNS OF GAMES/PLAYABLE APPS
Designed to accommodate 35 or fewer students. 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.
• 20607 TTH 1230 - 200P DFA 4.112 COHEN, D

AET 319 PRODUCTION LAB I
Course number may be repeated for credit when the topics vary. meets with T D 314P.
• 20610 MTWTHF 530 - 1000P WIN 1.140 TOLIN, D
S 1000 - 1000P WIN 1.140

SMART/MOBILE VIDEOGRAPHY
Course number may be repeated for credit when the topics vary.
• 20615 TTH 1230 - 200P DFA 4.126 DAUGHERTY, N

AET 321 MULTITRACK REC/MIX/MASTERING
Exploration of sound recording of live performance, including microphoneplacement, equalizing (EQ), compression techniques, mixing, localizationstrategies, and final product mastering. Prerequisite: Arts and Entertainment Technologies 305.
• 20620 M 500 - 800P DFA 4.126 PEREZ, C

AET 322C SONIC BRANDING
Explores the relationship between sound and music, brand identity, UI/UX, and advertising. Arts and Entertainment Technologies 322 and 322C may not both be counted. Prerequisite: Arts and Entertainment Technology 305.
• 20625 MW 200 - 330P MRH 3.124 STAMPS, J

AET 323 FILM AND GAME SCORING
Designed to accommodate 35 or fewer students. 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.
• 20629 MW 1100 - 1230P DFA 4.126

AET 325 DIGITAL PRODUCTION ART 2-D
Two-dimensional digital drawing and painting techniques with computer software. Prerequisite: Arts and Entertainment Technologies 306.
• 20630 TTH 1100 - 1230P 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.
• 20635 MW 200 - 330P DFA 4.126 NORMAN, C

AET 329 MEDIA FOR LIVE PERFORMANCE
Designed to accommodate 35 or fewer students. Introduction to the production and integration of media into live performance environments. The focus is three-fold: Firstly on creating original media, then on integrating original content into different performance genres including complementing scenery, lighting, and performers, and lastly how collaboration influences the previous steps. A basic knowledge of Adobe Pho-

toshop and Adobe After Effects is required. Prerequisite: Arts and Entertainment Technologies 306 and 316 (or 317). meets with T D 354T, T D 388L.
• 20640 M 200 - 500P WIN 1.138 ORTEL, S

AET 332 COMP MUSIC PROGRAMMING II
Laboratory hour(s) to be arranged. Exploration of algorithmic sound processing, signal processing techniques including filters, FFT, convolution, sound analysis/re-synthesis using Max/MSP. Arts and Entertainment Technologies 332 and Music 329M may not both be counted. Prerequisite: Arts and Entertainment Technologies 305. meets with MUS 329M.
• 20645 TTH 200 - 330P MRH 4.170 YOUNG, N

AET 337 WRITING FOR INTERACTIVE GAMES
Exploration of game creation as a multi-threaded narrative story. Students create, write, edit, and refine game stories and game dialogue and build small game scenarios using a variety of game design software platforms.
• 20650 O CONNOR, S

AET 139 CREATING YOUTUBE CHANNELS
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20655 M 500 - 800P DFA 4.112

ENTREPRENEURSHIP
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20660 T 500 - 800P DFA 4.112

HARD SURFACE MODELING
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. Topic description: Explores hard surface modeling techniques using 3D software. Subjects include: managing surface detail, accurate proportion, and topology control. Class meets Thursdays 6pm-9 in DFA 4.126, February 28-April 4.
• 20665

INTRO TO Z BRUSH
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20670 M 500 - 800P DFA 4.106

AET 339 ANIMATION AND RIGGING
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20675 TTH 200 - 330P DFA 4.126 NORMAN, C

LEVEL 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. Topic Description: Explores the creation of playable levels for well defined 3D play systems. Develops a game play sequence in a game engine through planning, white boxing, integration, interaction, feedback, and doc umentation. Emphasizes creating a meaningful play experience through iteration, play testing, and revision.
• 20679 MWF 230 - 330P DFA 4.106 JOHNS, M

TECHNICAL ART I
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. Topic description: Introduction to the technical aspects of art for game production. Given art direction and production requirements, research includes software options, asset authoring techniques, and integration me thods to deliver high quality content. Also includes various aspects of production: poly budgets, shader setup, lighting systems, performance profiling, animation setup, VFX, texture formats, audio encoding, and opti mization.
• 20680 TTH 1100 - 1230P DFA 4.106 BAKER, M

AUDIO FOR VISUAL 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.
• 20685 T 500 - 800P DFA 4.126 PEREZ, C

GAME AUDIO
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20690 MW 1230 - 200P MRH 3.124 STAMPS, J

GAME PROTOTYPING
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. Topic description: Explores iterations on ideas while working toward concept pre-production for capstone projects. Emphasizes ideation, storyboarding, pitching, prototyping, testing, and documentation.
• 20695 MWF 130 - 230P DFA 4.106 JOHNS, M

GAME SYSTEMS DESIGN
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20700 MW 200 - 330P DFA 4.106 COHEN, D

LIGHTING AND TEXTURING
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20705 MW 1230 - 200P DFA 4.126 NORMAN, C

PLAI PORTFOLIO
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.
• 20710 M 900 - 1200 PAC 3.204 HERRUZO, A

PLAI PRODUCTION LAB
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20715 MWF 1200 - 200P PAC 3.204 SMITH, M

PRODUCTION LAB II
Course number may be repeated for credit when the topics vary. Advanced topics in arts and entertainment technologies.
• 20720 MWF 900 - 1200

SONGWRITING
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.
• 20724 W 500 - 800P DFA 4.126 STAMPS, J

VIRTUAL REALITY FOR GAMES
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. Topic description: Introduction to creating virtual reality content for games.
• 20725 MWF 1100 - 1200 DFA 4.106 JOHNS, M

VISUALIZATION PORTFOLIO
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. Topic description: Explores professionalism and the importance of artistic presence on the internet while developing a professional portfolio. Covers basic design and web mechanics with a focus on the emphasis portfo lio.
• 20730 TTH 1230 - 200P DFA 4.126 DAUGHERTY, N

AET 341 SOUND SYNTHESIS/AUD PROCESSING
Designed to accommodate 35 or fewer students. 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.
• 20735 MW 330 - 500P MRH 3.124 OZLEY, C

AET 344C 3-D PREVISUALIZATION
2-D and 3-D drafting for previsualization solutions. Introduction to thefundamentals and skills of CAD Drafting in Vectorworks, the included Renderworks environment and subsequent integration of 3d files into previsualization software relevant to entertainment professionals. The focus is on skills required to generate and visualize accurate three-dimensional entertainment designs within software environments. Discusses CAD drafting practices, common terms, the 2d/3d workflow and integration of 3d objects in common previsualization environments for entertainment design professionals. Arts and Entertainment Technologies 344 and 344C may not both be counted. Prerequisite: Arts and Entertainment Technologies 316 (or 317).
• 20740 MW 200 - 330P WIN 1.138 SMITH, M

AET 345 DESIGNING VIRTUAL WORLDS
Designed to accommodate 35 or fewer students. Exploration of architectural concepts and 3-D world building. Create andmodel virtual and multi-level worlds from the viewpoint of game play, object, and character movement. Prerequisite: Arts and Entertainment Technologies 316 (or 317).
• 20745 TTH 1230 - 200P DFA 4.106 BAKER, M

AET 346 GAME SCRIPTING AND MODDING
Designed to accommodate 35 or fewer students. Introduction to operations, modifications and coding of game engines. Exploration of "modding" of existing games and scripting of Unity using Java and/or C#.
• 20750 MWF 1000 - 1100 DFA 4.106 JOHNS, M

AET 348 CONCERT AND EVENT LIGHTING
Designed to accommodate 35 or fewer students. Exploration of the styles, tools, and techniques specific to concert andevent lighting production in a variety of environments: large-scale music venue, corporate ballroom, outdoor stage and intimate club. Prerequisite: Arts and Entertainment Technologies 316 (or 317) and 360C. meets with T D 354T.
• 20755 T 200 - 500P PAC 3.204 SMITH, M

AET 349 AUGMENTED REALITY
Designed to accommodate 35 or fewer students. Explore the current Augmented Realty (AR) tools and techniques. Investigate AR applications, analyze and deconstruct various techniques,and examine the skills and tools needed. Also explore other approaches to immersive and experiential designs such as virtual realty, 3-D projection mapping, and stereoscopy. Prerequisite: Arts and Entertainment Technologies 316 (or 317) and 363C.
• 20760 TTH 1100 - 1230P PAC 3.204 MCKELLAR, 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: Upper-division standing.
• 20765 TTH 1100 - 1230P DFA 4.106 BAKER, M

2021/2022

course unique days time room instructor

AET 361C PHYSICAL COMPUTING
Introduces concepts and methods of physical computing, including the creation, building, and programming of small devices and the integrationof external devices and objects. Only one of the following may be counted: Arts and Entertainment Technologies 360, 361, 361C. Prerequisite: Arts and Entertainment Technologies 316 (or 317).
• 20770 TTH 330 - 500P PAC 3.204 MCKELLAR, M

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).
• 20774 TTH 930 - 1100 PAC 3.204 MCKELLAR, M

AET 373 SENIOR DESIGN PROJECTS II
Continuation of a project within a team, with the guidance and advice offaculty members. Industry and faculty members can sponsor these projects. Prerequisite: Upper-division standing.
• 20775 TTH 330 - 500P DFA 4.106 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 least 3.00, consent of instructor, and consent of the director of the Center for Arts and Entertainment Technologies.
• 20780

AET 377 GAME CAPSTONE: 3-D
Restricted enrollment; contact the department for permission to register for this class. Group project developing a working 3-D game. Prerequisite: Upper-division standing and consent of instructor based onportfolio submission. meets with RTF 344N, C S 354T.
• 20785 MF 1230 - 200P GDC 6.202 TOPRAC, P
W 600 - 900P GDC 6.202

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.
• 20790

AET 379 SENIOR THESIS II
Continuation of large scale senior project in Arts and Entertainment Technologies 378. Prerequisite: Upper-division standing and consent of instructor based onthesis proposal.
• 20795

DEPARTMENT OF DESIGN

Design - DES
Integrated Design - ITD

DES 309 INTRODUCTION TO DESIGN
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.
• 20850 MW 1100 - 200P ART 3.218 CATTERALL, K
• 20855 TTH 1100 - 200P ART 3.218 CATTERALL, K

DES 322 DESIGN AND SOCIAL ENVIRONMENT
Offered on the letter-grade basis only. Studio course. Involves researching a contemporary social issue; define an area of opportunity; and design graphics, objects, services, and/or systems that respond ethically to the issue. Prerequisite: Design 309. Design 321, 325, and 326 are recommended.
• 20860 MW 200 - 500P DFA 4.112 PARK, J

DES 324 DESIGN RESEARCH/METHODS
Offered on the letter-grade basis only. Lecture/studio course. Lectures and projects introduce problem-framing and problem-solving techniques and a variety of design research, ideation, prototyping, and iterative methods. Prerequisite: One of the following: Design 301, 309, or Integrated Design 301D.
• 20865 TTH 930 - 1100 DFA 4.106 PENICK, M

DES 334 INTRO TO INTERACTION DESIGN
Offered on the letter-grade basis only. Studio course. Projects introduce theories, methods, and techniques for designing time-based and interactive experiences, including video, motion graphics, and web/mobile applications. Prerequisite: The following with a grade of at least C: Design 309, 321,325, and 326.
• 20870 TTH 800 - 1100 ART 3.218 WALKER, J
• 20875 TTH 200 - 500P ART 3.218 WALKER, J

DES 335 TYPOGRAPHY II
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Studio course. Students use typographic principles to design complex print and on-screen publications. Prerequisite: Credit with a grade of at least C for Design 309, 321, 325, and 326.
• 20880 TTH 1100 - 200P ART 1.202 WILKINS, J

DES 336 HISTORY OF DESIGN
Offered on the letter-grade basis only. Lecture/seminar course. Surveys the history of graphic and/or industrialdesign from c.1450 to the present, with an emphasis on the last 150 years. Design 313 and 336 may not both be counted. Prerequisite: Credit or registration for Art History 303. meets with DES 386.
• 20885 MW 930 - 1100 DFA 4.112 PENICK, M

DES 340G BRANDING/VIS IDENTITY SYSTEMS
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.
• 20890 MW 1100 - 200P DFA 4.112 WILKINS, J

DES 346 PROJECT STUDIO
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.
• 20895 MW 600 - 900P ART 1.202A PARK, J

DES 347 PUBLICATION STUDIO
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.
• 20900 F 1100 - 500P ART 2.212 AUER, K

DES 360 DESIGN INTERNSHIP
Offered on the letter-grade basis only. Introduces students to ethical standards and professional practices in design; requires completion of an approved professional internship. Design 360 and 371 may not both be counted. Restricted to design majors. Prerequisite: The following with a grade of at least C in each: Design 326, 334, and 336. meets with DES 371.
• 20905 M 800 - 1100 ART 3.218 WILKINS, J

DES 371 DESIGN PRACTICUM
Offered on the letter-grade basis only. Lecture/internship course. Resume and portfolio preparation; discussion of professional ethics and responsibilities; professional internship. Design 360 and 371 may not both be counted. Restricted to design majors. Prerequisite: Consent of instructor and consent of design assistant chair. meets with DES 360.
• 20910 M 800 - 1100 ART 3.218 WILKINS, J

DES 375 CAPSTONE DESIGN EXHIBITION
Offered on the letter-grade basis only. Studio course. Students collaboratively curate, design, and install a senior BFA exhibition, and publish collateral materials that publicly showcase their capstone projects. Restricted to design majors. Prerequisite: Design 370 or 374 with a grade of at least C and consent of the design assistant chair.
• 20915 TTH 200 - 500P ART 1.406

DES 376 INDEPENDENT STUDY: DESIGN
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. Student-defined projects completed under faculty supervision. Prerequisite: Consent of instructor and consent of design assistant chair.
• 20920

DES 382 CRITIQUE STUDIO
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. meets with DES 682.
• 20925 M 200 - 500P ART 3.218 WALKER, J

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. meets with DES 382.
• 20930 M 200 - 500P ART 3.218 WALKER, 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.
• 20935

DES 386 DESIGN HISTORY
May be repeated for credit. Prerequisite: Graduate standing, consent of the graduate adviser, and consent of instructor. meets with DES 336.
• 20940 MW 930 - 1100 DFA 4.112 PENICK, M

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.
• 20945

DES 392 PROFESSIONAL COMM OF RESEARCH
May be repeated for credit. Seminar addressing strategies for communicating design research processes and results to a variety of audiences through vehicles such as exhibitions, scholarly reports, and video recordings. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 20950 TH 1100 - 200P ART 1.202A GORMAN, C

ARCHIVE 1/2018

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.
• 20955

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.
• 20960

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 January 24-February 21.
• 21015 TH 600 - 900P DFA 4.112 GARMON, G

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.
• 21020 T 600 - 900P DFA 4.112 NEELY, J
• 21025 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.
• 21029 W 500 - 600P DFA 4.112 GARMON, G

ITD 103 PORTFOLIO CRITIQUE
Development of a portfolio of work to present for feedback. Designed to help students understand what is expected to create a personal portfolioto show potential employers. Class meets January 23-February 20.
• 21030 W 600 - 900P DFA 4.106 DANDEKAR, J

ITD 310 CREATIVE ENTREPRENEURSHIP
Course number may be repeated for credit when the topics vary. Studies within integrated design.
• 21035 MW 330 - 500P DFA 4.106 RYAN, J

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.
• 21040 T 600 - 900P DFA 4.106 BURTON, C

ITD 320 ADV DSGN ARTIFICIAL INTELGN
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Advanced exploration of real-world scenarios posed from artificial intelligence and robotics. In-depth study of designing and solving problems for artificial intelligence. Prerequisite: Upper-division standing; Integrated Design 301D and Integrated Design 111 or Integrated Design 110.
• 21044 T 600 - 900P DFA 4.106 SUKIS, J

ITD 325 ADV DSGN: ARTIFICIAL INTEL
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Studies within design and artificial intelligence. Prerequisite: Upper-division standing; Integrated Design 301D; and Integrated Design 111 or 320.
• 21045 M 600 - 900P DFA 4.112 SUKIS, J

ITD 150 DISNEY STUDIO
Course number may be repeated for credit when the topics vary. Advanced studies in integrated design. Prerequisite: Upper-division standing.
• 21050 W 600 - 900P DFA 4.106

ETHICS IN ARTIF INTEL DSGN
Course number may be repeated for credit when the topics vary. Advanced studies in integrated design. Prerequisite: Upper-division standing. Topic description: Examination of the ethics of designing for the human and artificial intelligence experience and the social impact it has on society. Class meets February 28-April 4.
• 21055 TH 600 - 900P DFA 4.112

ITD 350D BUSINESS OF DESIGN
Designed to accommodate 35 or fewer students. Designed to help students form an advanced understanding of the role that business plays in the design industry and the operational components necessary to be successful in the design industry. Prerequisite: Upper-division standing and the following with a grade of at least C in each: Integrated Design 101, 304, and Design 301 or Integrated Design 301D.
• 21060 M 600 - 900P DFA 4.106 WILLIAMS, J

ITD 170 PROBLEM TO PROTOTYPE
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. 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: Exploration of design sprints as a collaborative method that brings users, business stakeholders, subject-matter experts and designers together to solve big challenges in small time frames. Overvie w of a five-step approach to sprints: map, sketch, decide, prototype, test. Examination of each step of the process in interdisciplinary teams, using hands-on activities and simulations to provide practical grounding and experience. Designed to impart an understanding of why to conduct a sprint, how to structure and sprint and what needs to happen to be successful. Class meets January 24-February 21.
• 21065 TH 600 - 900P DFA 4.106

ITD 375 CAPSTONE IN INTEGRATED DSGN
Designed to accommodate 35 or fewer students. 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.
• 21070 MW 1100 - 200P DFA 4.114 GARMON, G

ITD 380 DESIGN THINKING
Designed to accommodate 35 or fewer students. Explores the concepts of design thinking and human-centered design methods, with a focus on design process and problem solving. Prerequisite: Graduate standing.
• 21071 M 600 - 900P DFA 4.112 FREACH, 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.
• 21125

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.
• 21130

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.
• 21135

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.
• 21140

SPRING 2018

course	unique	days	time	room	instructor
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.				
	• 21145				
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.				
	• 21150				
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.				
	• 21155				
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.				
	• 21160				
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.				
	• 21165				
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.				
	• 21170				
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.				
	• 21175				
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.				
	• 21180				
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.				
	• 21185				
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.				
	• 21190				
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.				
	• 21195				
ENS 101U	UNIVERSITY CHORUS May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition.				
	• 21250	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.				
	• 21255	MWF	1200 - 200P	MRH 2.118	KELLY, R
ENS 102U	UNIVERSITY ORCHESTRA May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 182U.				
	• 21260	TTH	700 - 830P	MRH 2.118	KELLY, R
ENS 103C	SYMPHONY BAND May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 183C.				
	• 21265	MWF	200 - 400P	MRH 2.118	GALL, J
ENS 103P	BUTLER OPERA CENTER ENSEMBLE Additional hour(s) to be arranged. 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.				
	• 21270	MWF	400 - 530P	MRH 2.106	SANIKIDZE, T
ENS 103S	WIND SYMPHONY May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 183S.				
	• 21275	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.				
	• 21280	MWF	1200 - 200P	MRH 2.114	JUNKIN, J
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. meets with ENS 185C.				
	• 21285				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.				
	• 21290	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.				
	• 21295	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.				
	• 21300	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.				
	• 21305	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.				
	• 21310	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.				
	• 21315	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.				
	• 21320	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.				
	• 21325	TW	530 - 700P	MRH 2.106	FOGELQUIST, M
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, ENS 096N.				
	• 21330				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 096T, ENS 186T.				
	• 21335	TH	600 - 1000P	MRH 2.614	RIGGIO, R
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.				
	• 21340	W	1200 - 200P	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.				
	• 21345	T	330 - 430P	MRH 5.246	CAMPINHO, M
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.				
	• 21350	F	200 - 300P	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.				
	• 21355	MWF	300 - 500P	MRH 6.248	HELLMER, J
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.				
	• 21360	MWF	1200 - 200P	MRH 6.222	WELCHER, D
ENS 108C	TEXAS CONCERT BAND May be repeated for credit. One of several Longhorn Band ensembles offered in spring semesters. Open to any University student who can qualify by audition. meets with ENS 184T.				
	• 21365	TTH	200 - 330P	MRH 2.118	HANNA, S

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course	unique	days	time	room	instructor

ENS 108D TOWER CONCERT BAND
May be repeated for credit. One of several Longhorn Band ensembles offered in spring semesters. Open to any University student who can qualify by audition. meets with ENS 184W.
• 21370 TTH 200 - 330P MRH 2.114 GALL, J

ENS 108E LONGHORN CONCERT BAND
May be repeated for credit. One of several Longhorn Band ensembles offered in spring semesters. Open to any University student who can qualify by audition. meets with ENS 184C.
• 21375 MW 400 - 530P MRH 2.118 GALL, J

ENS 108F ORANGE CONCERT BAND
May be repeated for credit. One of several Longhorn Band ensembles offered in spring semesters. Open to any University student who can qualify by audition. meets with ENS 184R.
• 21380 MW 400 - 530P MRH 2.114 KELLY, R

ENS 108J LONGHORN BAND JAZZ ENSEMBLE
May be repeated for credit. One of several Longhorn Band ensembles offered in spring semesters. Prerequisite: Open to any University student who can qualify by audition. meets with ENS 184J.
• 21385 TTH 530 - 700P MRH 2.114 KELLY, R

ENS 108K LHB PERCUSSION ENSEMBLE
May be repeated for credit. One of several Longhorn Band ensembles offered in spring semesters. Open to any University student who can qualify by audition. meets with ENS 184P.
• 21390 TTH 600 - 730P MRH 6.222 HANNA, S

ENS 108M LHB COLOR GUARD ENSEMBLE
May be repeated for credit. One of several Longhorn Band ensembles offered in spring semesters. Open to any University student who can qualify by audition. meets with ENS 184G.
• 21395 MW 600 - 800P MRH 2.114 GALL, J

ENS 108P LONGHORN PEP BAND
May be repeated for credit. Prerequisite: Open to any University student who can qualify by audition.
• 21400 W 530 - 645P MRH 2.114 GALL, J

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.
• 21405 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.
• 21410 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. meets with ENS 189H.
• 21415 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. meets with ENS 189G.
• 21420 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.
• 21425 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.
• 21430 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.
• 21435 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.
• 21440 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.
• 21445 MW 530 - 730P 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.
• 21450 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.
• 21455 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.
• 21460 MWF 1200 - 200P MRH 2.118 KELLY, R

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.
• 21465 TTH 700 - 830P MRH 2.118 KELLY, R

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.
• 21470 MWF 200 - 400P MRH 2.118 GALL, J

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.
• 21475 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.
• 21480 MWF 1200 - 200P MRH 2.114 JUNKIN, J

ENS 184C LONGHORN CONCERT BAND
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 108E.
• 21485 MW 400 - 530P MRH 2.118 GALL, J

ENS 184G COLOR GUARD ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 108M.
• 21490 MW 600 - 800P MRH 2.114 GALL, J

ENS 184J LONGHORN BAND JAZZ ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 108J.
• 21495 TTH 530 - 700P MRH 2.114 KELLY, R

ENS 184P LONGHORN BAND PERCUSSION ENS
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 108K.
• 21500 TTH 600 - 730P MRH 6.222 HANNA, S

ENS 184R ORANGE CONCERT BAND
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 108F.
• 21505 MW 400 - 530P MRH 2.114 KELLY, R

ENS 184T TEXAS CONCERT BAND
May be repeated for credit. One of several Longhorn Band ensembles offered in spring semesters. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 108C.
• 21510 TTH 200 - 330P MRH 2.118 HANNA, S

ENS 184W TOWER CONCERT BAND
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 108D.
• 21515 TTH 200 - 330P MRH 2.114 GALL, J

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. meets with ENS 105C.
• 21520 HELLMER, J

ENS 185E JAZZ ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 105E.
• 21525 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.
• 21530 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.
• 21535 MW 200 - 300P MRH 6.248 FREMGEN, J

ENS 186C CONJUNTO ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106C, ENS 096C.
• 21540 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.
• 21545 M 600 - 900P MRH 6.252 OLIVIERI, G

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course	unique	days	time	room	instructor

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.
• 21550 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.
• 21555 W 500 - 800P MRH 6.252 MOORE, R

ENS 186M MARIACHI ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106M, ENS 096M.
• 21560 TW 530 - 700P MRH 2.106 FOGELQUIST, M

ENS 186N NORTH INDIAN MUSIC ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106N.
• 21565 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.
• 21570 TH 600 - 1000P MRH 2.614 RIGGIO, R

ENS 186V AFRICAN AMERICAN VOCAL ENSMBL
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 106F, ENS 096V.
• 21575 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.
• 21580 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.
• 21585 MTWTHF 330 - 630P PAC 3.602 SANIKIDZE, T

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.
• 21590 TTH 1230 - 200P PAC 3.602 SANIKIDZE, T

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. meets with ENS 109G.
• 21595 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. meets with ENS 109F.
• 21600 LEONARD, D

ENS 189N SAXOPHONE CHOIR
May be repeated for credit. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor. meets with ENS 109N.
• 21605 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.
• 21610 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.
• 21615 TTH 1230 - 200P MRH 2.114 BRICKENS, N

ENS 096C CONJUNTO ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106C, ENS 186C.
• 21620 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.
• 21625 M 600 - 900P MRH 6.252 OLIVIERI, G

ENS 096J JAVA GAMELAN ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 186J, ENS 106J.
• 21630 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.
• 21635 W 500 - 800P MRH 6.252 MOORE, R

ENS 096M MARIACHI ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106M, ENS 186M.
• 21640 TW 530 - 700P MRH 2.106 FOGELQUIST, M

ENS 096N NORTH INDIAN MUSIC ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106N.
• 21645 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.
• 21650 TH 600 - 1000P MRH 2.614 RIGGIO, R

ENS 096V AFRICAN AMRCN VOCAL ENSEMBLE
May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. meets with ENS 106F, ENS 186V.
• 21655 M 700 - 1000P MRH 2.614 CARSON, C

MUS 201F PIANO FOR TEACHERS
Offered on the letter-grade basis only. MUS 201F and 376C (Topic: Piano for Teachers) may not both be counted. Restricted to music studies students. Prerequisite: MUS 201M or demonstration of equivalent proficiency.
• 21710 MWF 800 - 900 MRH 4.184 YANKEELOV, M
• 21715 MWF 1200 - 100P MRH 4.184 YANKEELOV, M

MUS 201N BEG MUS PERF: SEC-SEM CLS PIA
May be repeated for credit. Continuation of Music 201M. Credit granted only when taken as a secondary instrument. Open only to music majors. Prerequisite: Music 201M completed the previous semester with a grade of at least C, or consent by audition.
• 21720 MWF 900 - 1000 MRH 4.194 HILLEY, M
• 21725 TTH 1230 - 200P MRH 4.194 HILLEY, M

BEG MUS PERF: SEC-SEM CLS PIA
May be repeated for credit. Continuation of Music 201M. Credit granted only when taken as a secondary instrument. Open only to music majors. Prerequisite: Music 201M completed the previous semester with a grade of at least C, or consent by audition. Restricted to students in the Butler School of Music First Year Interest Group.
• 21730 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.
• 21735 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.
• 21740 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.
• 21745 MWF 1100 - 1200 MRH 2.608 OVALLE, J
T 500 - 600P MRH 2.610
• 21750 MWF 1100 - 1200 MRH 2.608 OVALLE, J
TH 500 - 600P MRH 2.610
• 21755 MWF 1100 - 1200 MRH 2.608 OVALLE, J
T 600 - 700P MRH 2.610
• 21760 MWF 1100 - 1200 MRH 2.608 OVALLE, J
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.
• 21765 MWF 100 - 200P MRH 2.608 LIU, P
T 500 - 600P MRH M3.114
• 21770 MWF 100 - 200P MRH 2.608 LIU, P
TH 500 - 600P MRH M3.114
• 21775 MWF 100 - 200P MRH 2.608 LIU, P
T 600 - 700P MRH M3.114
• 21780 MWF 100 - 200P MRH 2.608 LIU, P
TH 600 - 700P MRH M3.114

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course	unique	days	time	room	instructor

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.

• 21785	MWF	300 - 400P	MRH 4.130	BATISLAONG, L
• 21790	MWF	400 - 500P	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.

• 21795	MWF	400 - 500P	MRH 4.126	PALESE, R

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.

• 21800	MWF	300 - 400P	MRH 4.126	PALESE, R

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.

• 21805	MWF	900 - 1000	MRH 4.184	COX, K
• 21810	TTH	930 - 1100	MRH 4.184	PENCE, S
• 21815	MWF	1100 - 1200	MRH 4.184	COX, K

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).

• 21820	TTH	930 - 1100	MRH 2.608	LAHASKY, S
	M	500 - 600P	MRH 4.126	
• 21825	TTH	930 - 1100	MRH 2.608	LAHASKY, S
	W	500 - 600P	MRH 4.126	
• 21830	TTH	930 - 1100	MRH 2.608	LAHASKY, S
	M	600 - 700P	MRH 4.126	
• 21835	TTH	930 - 1100	MRH 2.608	LAHASKY, S
	W	600 - 700P	MRH 4.126	

MUS 605B MUSICIANSHIP

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 in-class 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.

• 21840	MWF	900 - 1000	MRH M3.114	YOON, M
	TTH	830 - 930	MRH 2.610	
• 21845	MWF	900 - 1000	MRH M3.114	YOON, M
	TTH	830 - 930	MRH 5.244	
• 21850	MWF	900 - 1000	MRH 2.610	SERPA, S
	TTH	1000 - 1100	MRH M3.114	
• 21855	MWF	900 - 1000	MRH 2.610	SERPA, S
	TTH	1100 - 1200	MRH 4.116	
• 21860	MWF	1100 - 1200	MRH 2.610	YOON, M
	TTH	830 - 930	MRH M3.114	
• 21865	MWF	1100 - 1200	MRH 4.116	SERPA, S
	TTH	1000 - 1100	MRH 2.610	
• 21870	MWF	1100 - 1200	MRH 4.116	SERPA, S
	TTH	1000 - 1100	MRH 5.244	

MUSICIANSHIP

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 in-class 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.

• 21875	MWF	1100 - 1200	MRH M3.114	TURCI, J
	TTH	1100 - 1200	MRH M3.114	
• 21880	MWF	1100 - 1200	MRH M3.114	TURCI, J
	TTH	1100 - 1200	MRH 5.244	

MUS 306M 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.

• 21885	MWF	900 - 1000	MRH 2.634	ALLEGRETTI, K
• 21890	MWF	1200 - 100P	MRH 2.610	GUERRA, B
• 21895	MWF	1200 - 100P	MRH 2.634	ALLEGRETTI, K
• 21900	TTH	1230 - 200P	MRH 2.634	CHANDLER, B
• 21905	MWF	100 - 200P	MRH 2.604	RAHN, S

MUS 307 HISTORY OF FILM MUSIC

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.

• 21910	TTH	330 - 500P	CAL 100	BUHLER, J

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).

• 21915	MWF	1200 - 100P	MRH 2.608	CARSON, C
	T	500 - 600P	MRH 2.604	
• 21920	MWF	1200 - 100P	MRH 2.608	CARSON, C
	TH	500 - 600P	MRH 2.604	
• 21925	MWF	1200 - 100P	MRH 2.608	CARSON, C
	T	600 - 700P	MRH 2.604	
• 21930	MWF	1200 - 100P	MRH 2.608	CARSON, C
	TH	600 - 700P	MRH 2.604	
• 21935	MWF	1200 - 100P	MRH 2.608	CARSON, C
	T	700 - 800P	MRH 2.604	
• 21940	MWF	1200 - 100P	MRH 2.608	CARSON, C
	TH	700 - 800P	MRH 2.604	

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.

• 21945	MWF	100 - 200P	BEL 328	
	T	500 - 600P	MRH M3.113	
• 21950	MWF	100 - 200P	BEL 328	
	TH	500 - 600P	MRH M3.113	
• 21955	MWF	100 - 200P	BEL 328	
	T	600 - 700P	MRH M3.113	
• 21960	MWF	100 - 200P	BEL 328	
	TH	600 - 700P	MRH M3.113	
• 21965	MWF	100 - 200P	BEL 328	
	T	700 - 800P	MRH M3.113	
• 21970	MWF	100 - 200P	BEL 328	
	T	700 - 800P	MRH M3.114	
• 21975	MWF	100 - 200P	BEL 328	
	TH	700 - 800P	MRH M3.113	
• 21980	MWF	100 - 200P	BEL 328	
	TH	700 - 800P	MRH M3.114	
• 21985	MWF	100 - 200P	BEL 328	
	T	800 - 900P	MRH M3.113	
• 21990	MWF	100 - 200P	BEL 328	
	TH	800 - 900P	MRH M3.113	

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.

• 21995	TTH	1100 - 1215P		HELLMER, J

MUS 007P STRING EDUCATION: TEACH/LEARN

Offered on the pass/fail basis only. 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.

• 22000	W	300 - 400P	MRH M3.113	SCOTT, L

MUS 210K BEG MUS PERF: 4TH-SEM CLS PIA

Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Continuation of Music 210J. Credit granted only when taken as a secondary instrument. Open only to music majors. Prerequisite: Music 210J completed the previous semester with a grade of at least C, or consent by audition.

• 22005	MWF	1000 - 1100	MRH 4.194	TANG, P
• 22010	TTH	1100 - 1230P	MRH 4.194	HILLEY, M

Archived

course	unique	days	time	room	instructor

MUS 411B 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.

• 22015	TTH	830 - 930	MRH 2.634	JOHNSON, A
	T	930 - 1030	MRH 4.126	
• 22020	TTH	830 - 930	MRH 2.634	JOHNSON, A
	TH	930 - 1030	MRH 4.126	
• 22025	TTH	930 - 1030	MRH 2.634	JOHNSON, A
	T	830 - 930	MRH 4.126	
• 22030	TTH	930 - 1030	MRH 2.634	JOHNSON, A
	TH	830 - 930	MRH 4.126	
• 22035	TTH	1100 - 1200	MRH M3.113	RAHN, S
	T	1230 - 130P	MRH M3.113	
• 22040	TTH	1100 - 1200	MRH M3.113	RAHN, S
	TH	1230 - 130P	MRH M3.113	

MUS 311F FRENCH FOR MUSICIANS

French language and diction specifically for musicians. Open only to music majors. meets with MUS 280D.

• 22045	MWF	1000 - 1100	MRH 4.116	DAVIS, E
	F	800 - 900	MRH 4.116	

MUS 311J ITALIAN FOR MUSICIANS

Italian language and diction specifically for musicians. Open only to music majors. meets with MUS 280D.

• 22050	MWF	800 - 900	MRH M3.113	CAPRA, C
	TH	430 - 530P	MRH 5.244	

MUS 612B STRUCTURE OF TONAL MUSIC

Laboratory 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 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.

• 22055	MWF	1000 - 1100	MRH M3.113	LENNARD, C
• 22060	MWF	1000 - 1100	MRH M3.114	GUERRA, B
• 22065	MWF	1100 - 1200	MRH M3.113	LENNARD, C
• 22070	MWF	1100 - 1200	MRH 2.634	MCDONNELL, C

MUS 312C MUSIC AND CULTURE

Offered on the letter-grade basis only. Issues in the performance, transmission, and reception of music in Western Europe and North America in global and comparative social and political contexts.

• 22075	MWF	1000 - 1100	MRH 2.608	SEEMAN, S
	T	500 - 600P	MRH 2.614	
• 22080	MWF	1000 - 1100	MRH 2.608	SEEMAN, S
	T	500 - 600P	MRH 2.634	
• 22085	MWF	1000 - 1100	MRH 2.608	SEEMAN, S
	TH	500 - 600P	MRH 2.614	
• 22090	MWF	1000 - 1100	MRH 2.608	SEEMAN, S
	TH	500 - 600P	MRH 2.634	
• 22095	MWF	1000 - 1100	MRH 2.608	SEEMAN, S
	T	600 - 700P	MRH 2.634	

MUS 213N HISTORY OF MUSIC II

Offered on the letter-grade basis only. The history of music from the eighteenth century to the early twentieth century. Restricted to music majors. Prerequisite: Music 213M or 313M, or consent of instructor.

• 22100	MW	900 - 1000	MRH 2.608	MAGGART BUTLER, A
	T	1100 - 1200	MRH 4.126	
• 22105	MW	900 - 1000	MRH 2.608	MAGGART BUTLER, A
	T	1230 - 130P	MRH 4.126	
• 22110	MW	900 - 1000	MRH 2.608	MAGGART BUTLER, A
	TH	1230 - 130P	MRH 4.126	
• 22115	MW	900 - 1000	MRH 2.608	MAGGART BUTLER, A
	T	500 - 600P	MRH 4.126	

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.

• 22120	TTH	1230 - 130P	MRH 2.604	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.

• 22125

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.

• 22130

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.

• 22135

MUS 115G GUITAR FUNDAMENTALS

Beginning instruction in guitar performance and pedagogy. Prerequisite: A major in music or consent of instructor. meets with MUS 303D.

• 22140	MWF	300 - 400P	MRH 4.126	PALESE, R

MUS 115T LOWER-DIVISION REED MAKING

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Consent of instructor.

• 22145

MUS 319D FOUNDATIONS DIGITAL SOUND/MUS

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.

• 22150	MW	800 - 930	DFA 4.126	NOKES, N
• 22155	MW	930 - 1100	DFA 4.126	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.

• 22160

MUS 220P PRACTICUM IN WORLD MUSIC TRAD

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.

• 22165

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.

• 22170

MUS 222K INSTRUMENTAL CONDUCTING

Continuation of Music 222J. Further technical study in irregular meters,polyrhythmic and polymetrical patterns and scores; emphasis on expressive gestures, phrasal and compound beat conducting. Prerequisite: Music 222J or consent of instructor.

• 22175	TTH	1100 - 1200	MRH 2.114	GALUS, T
• 22180	TTH	1100 - 1200	MRH 2.118	HANNA, S

MUS 223K CHORAL CONDUCTING

Continuation of Music 223J. Further technical study in irregular meters,polyrhythmic and polymetrical patterns and scores; emphasis on expressive gestures, phrasal and compound beat conducting. Prerequisite: Music 223J or consent of instructor.

• 22185	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.

• 22190

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.

• 22195

MUS 325M COUNTERPOINT

Analysis of eighteenth-century inventions, fugues, and passacaglias; development of contrapuntal skills in twentieth-century styles that drawon these historical models; the teaching of counterpoint.

• 22200	TTH	1230 - 200P	MRH M3.114	WHEELDON, M

MUS 226G ORCHESTRATION AND ARRANGING

Techniques of instrumentation, arranging, and orchestration for band, orchestra, and chamber ensembles. Prerequisite: Music 411 and 612. meets with MUS 226K.

• 22205	MW	1100 - 1200	MRH 5.244	GRANTHAM, D

MUS 226K ORCHESTRATION & INSTRUMENTATN

Continuation of Music 226J. Prerequisite: Music 226J. meets with MUS 226G.

• 22210	MW	1100 - 1200	MRH 5.244	GRANTHAM, D

course | unique | days | time | room | instructor

MUS 226N CHORAL ARRANGING
Techniques of voicing and arranging for choirs, vocal ensembles, and vocal chamber groups. Prerequisite: Music 411 and 612.
• 22215 TTH 1000 - 1100 MRH 2.614 PENCE, S

MUS 228J INTERMEDIATE JAZZ IMPROVISATN
Continuation of Music 218J. Prerequisite: Music 201N, 605, 218J, and 228G; or consent of instructor.
• 22220 MW 1100 - 1200 MRH 6.248 FREMGEN, J

MUS 228L JAZZ THEORY II
Continuation of the concepts taught in Music 228G, with an emphasis on ear training, harmonic motion of jazz, and harmonic embellishment. Prerequisite: Music 228G.
• 22225 TTH 1100 - 1200 MRH 6.248 FREMGEN, 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.
• 22230

MUS 329F PROJECTS IN ELECTRONIC MEDIA
Hour(s) to be arranged. May be repeated for credit. Continuation of Music 329E for nontheory and noncomposition majors. Prerequisite: Music 329E and consent of instructor.
• 22235

MUS 329G INTERMEDIATE ELECTRONIC COMP
Designed to accommodate 35 or fewer students. May be repeated for credit. Continuation of Music 329E for music theory or composition majors. Prerequisite: Music 329E and consent of instructor.
• 22240 TTH 1230 - 200P MRH 3.124 MARTINEZ, J

MUS 329M INTERMEDIATE COMPUTER MUSIC
Laboratory hour(s) to be arranged. May be repeated for credit. Continuation of Music 329J. Arts and Entertainment Technologies 332 and Music 329M may not both be counted. Prerequisite: Music 329J and consent of instructor. meets with AET 332.
• 22245 TTH 200 - 330P MRH 4.170 YOUNG, N

MUS 331J MUSIC AND THE POETIC TEXT
Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Prerequisite: MUS 612 and 313N, or upper-division standing and consent of instructor. meets with MUS 387L.
• 22250 MWF 1000 - 1100 MRH 2.604 HATTEN, R

MUS 334 5-MUSIC OF AFRICAN DIASPORA
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. The musical legacy of the African slave trade in the Americas, the social contexts in which black musical forms have developed, and their varied forms. Subjects include the shifting meanings of "black music" invarious contexts; the notion of hybridity; the uses of African influenced music as a political or oppositional tool; and African ethnicgroups represented prominently in the New World, the traditions they brought with them, and the ways they have been adapted to new ends. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Music of the African Diaspora), 374F (Topic 8), Latin American Studies 326 (Topic: Music of the African Diaspora), 326 (Topic 5), Music 334 (Topic: Music of the African Diaspora), 334 (Topic 5). Prerequisite: Upper-division standing. same as AFR 374F (TOPIC 8), LAS 326 (TOPIC 5). also meets with MUS 380.
• 22255 TTH 1100 - 1230P MRH 2.634 MOORE, R
M 500 - 600P MRH 2.604
• 22260 TTH 1100 - 1230P MRH 2.634 MOORE, R
M 600 - 700P MRH 2.604

MUS 337 MUSIC AND FILM SOUND
History of music and the soundtrack; analysis of interactions between image and sound; and aesthetics and issues of production and postproduction. Prerequisite: Upper-division standing.
• 22265 MWF 100 - 200P MRH M3.113 MCDONNELL, C
• 22270 TTH 200 - 330P MRH M3.114

MUS 342 AFRO MODERNSM BLACK POP MUS
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. Topic title: Afro-modernisms of black popular music. meets with AFR 372E.
• 22275 MWF 200 - 300P MRH 2.610 CARSON, C

AMERICAN MUSIC
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. meets with AMS 325.
• 22280 MWF 200 - 300P MRH 2.634 LEWIS, H

MUS 354D CHILDREN'S MUS LIT AND PERF II
Continuation of Music 354C. Prerequisite: Music 354C or consent of instructor.
• 22290 MWF 1100 - 1200 MRH 4.130 JELLISON, J

MUS 255D TECHNIQUES OF STRING PERF
String instrument performance techniques for individual and ensemble settings, including appropriate literature and rehearsal procedures. Prerequisite: Upper-division standing in music studies.
• 22295 M 400 - 530P MRH M3.114 SCOTT, L
W 400 - 530P MRH 2.604

MUS 255E TECHNIQUES OF BRASS PERF
Brass instrument performance techniques for individual and ensemble settings, including appropriate literature and rehearsal procedures. Prerequisite: Upper-division standing in music studies.
• 22300 TTH 800 - 930 MRH 2.114 SIMMONS, A

MUS 356J INSTRUMENTAL ENS LIT AND PERF
Laboratory hour(s) to be arranged. Study of the literature and of performance and rehearsal techniques for heterogeneous instrumental ensembles. Prerequisite: Upper-division standing in music studies and Music 210K.
• 22305 MWF 1000 - 1100 MRH 4.130 DUKE, R

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.
• 22310 TH 330 - 530P 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.
• 22315

MUS 259L VOCAL REPERTOIRE COACHING
May be repeated for credit. Prerequisite: Consent of instructor.
• 22320

MUS 259N CHAMBER MUS: STRINGS AND PIANO
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing, Music 411 and 612, and consent ofinstructor.
• 22325

MUS 259R CHAMBER MUSIC: SAXOPHONE
May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing, Music 411 and 612, and consent ofinstructor.
• 22330

MUS 259T REED MAKING
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor.
• 22335

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.
• 22340 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.
• 22345

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.
• 22350

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.
• 22355

MUS 366P SENIOR PIANO PEDAGOGY PROJECT
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.
• 22360

MUS 271P 2-PEDAGOGY: PIANO II
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.
• 22365 TTH 200 - 300P MRH 5.244 GILMSON, S

5-PEDAGOGY: ORCHESTRAL INST 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.
• 22370

draft 10/18

course	unique	days	time	room	instructor

6-PEDAGOGY: ORCHESTRAL INST II
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.
• 22375

MUS 376J ELVIS IN HOLLYWOOD
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing and consent of instructor.
• 22376 MWF 100 - 200P MRH M3.113 MCDONNELL, C

LISTENING TO LYNCH
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing and consent of instructor.
• 22377 TTH 200 - 330P MRH M3.114 DIENSTFREY, E

MUS 176M PERCUSSION APPLICATIONS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing and consent of instructor.
• 22380 T 230 - 330P MRH 6.222 EDWARDS, W

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.
• 22385

MUS 276S BASSOON LITERATURE
Additional hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing
• 22390 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
• 22395 T 200 - 330P MRH 2.608 GEDIGIAN, M

MUS 276U FRENCH HORN LITERATURE
Additional hour(s) to be arranged. May be repeated for credit. Restricted to music majors. Prerequisite: Upper-division standing
• 22400 TTH 200 - 330P 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
• 22405 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.
• 22410

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.
• 22415

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.
• 22420

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.
• 22425

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.
• 22430

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.
• 22435

MUS 178J INDEPENDENT STUDY: MUSIC THRY
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.
• 22440

MUS 278J INDEPENDENT STUDY: MUSIC THRY
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.
• 22445

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.
• 22450

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.
• 22455

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.
• 22460

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.
• 22465

MUS 379K 20TH CEN ORCHESTRAL 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.
• 22470 TTH 200 - 330P MRH 2.610 MAGGART BUTLER, A

17-BAND LITERATURE
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 5).
• 22475 TTH 1230 - 200P MRH 4.116 GALL, J

MUS 380 MUSIC OF AFRICAN DIASPORA
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 5), LAS 326 (TOPIC 5).
• 22480 TTH 1100 - 1230P MRH 2.634 MOORE, R

1-ADV STDS HIST MUS: MEDIEVAL
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.
• 22485 TTH 930 - 1100 MRH 2.604 NARDINI, L

2-ADV STDS HIST MUS: RENAIS
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.
• 22490 TTH 200 - 330P MRH 2.634 OLIVIERI, G

3-ADV STDS HIST MUS: BAROQUE
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.
• 22495 TTH 1100 - 1230P MRH 2.604 DELL'ANTONIO, A

5-ADV STDS HIST MUS: 19TH 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.
• 22500 TTH 200 - 330P MRH 2.604 TUSA, M

MUS 280D DICTION AND TRANSLATION
Course number may be repeated for credit when the topics vary. Advanced study in English, Italian, French, and German diction and translation. Prerequisite: Graduate standing in music.
• 22505 MWF 1000 - 1100 MRH 5.244 CAPRA, C

DICTION FOR COLLAB PIANISTS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Advanced study in English, Italian, French, and German diction and translation. Prerequisite: Graduate standing in music. Topic title: Diction for Collaborative Pianists
• 22510 ROWLEY, R

LYRIC FRENCH DICTION/TRANSLTN
Course number may be repeated for credit when the topics vary. Advanced study in English, Italian, French, and German diction and translation. Prerequisite: Graduate standing in music. meets with MUS 311F.
• 22515 MWF 1000 - 1100 MRH 4.116 DAVIS, E
F 800 - 900 MRH 4.116

LYRIC ITALIAN DICTION/TRANSLTN
Course number may be repeated for credit when the topics vary. Advanced study in English, Italian, French, and German diction and translation. Prerequisite: Graduate standing in music. meets with MUS 311J.
• 22520 MWF 800 - 900 MRH M3.113 CAPRA, C
TH 430 - 530P MRH 5.244

10/11/2018

course | unique | days | time | room | instructor

MUS 180R VOCAL REPERTOIRE COACHING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22525

MUS 280R VOCAL REPERTOIRE COACHING
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22530

MUS 180T ACCOMPANYING
Additional hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing.
• 22535 M 300 - 500P MRH 5.246 WOLF, P

MUS 180V COLLAB PIANO: VOCAL & INSTRMTL
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22540

MUS 381 REF & RSCH MATERIALS IN MUSIC
Prerequisite: Graduate standing in music.
• 22545 TTH 930 - 1100 MAGGART BUTLER, A
• 22550 TTH 1100 - 1230P 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.
• 22555 TH 330 - 530P 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.
• 22560

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.
• 22565

MUS 381J 4-ANLYTIC/ETHNOGRAPHIC METHODS
Course number may be repeated for credit when the topics vary. Music 381J (Topic 3) and 381J (Topic 4) may not both be counted. Prerequisite: Graduate standing in music.
• 22570 TH 200 - 500P ERLMANN, V

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.
• 22575

MUS 481M CHAMBER MUSIC: MASTERS QUARTET
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.
• 22580

MUS 281P 2-GRADUATE PEDAGOGY: PIANO II
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.
• 22585 MW 1200 - 100P MRH 5.244 GILMSON, S

5-GRAD PED: ORCHSTRL INST 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.
• 22590

6-GRAD PED: ORCHSTRL INST II
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.
• 22595

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.
• 22600

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.
• 22605

MUS 281V CHAMBER MUSIC: VOCAL
May be repeated for credit. Restricted to graduate music majors. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22610

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.
• 22615 M 400 - 600P MRH 2.610

MUS 384J HUMAN LEARNING AND BEHAVIOR
Course number may be repeated for credit when the topics vary. Review and criticism of research, acoustics, and psychology. Prerequisite: Graduate standing.
• 22620 MWF 200 - 300P MRH M3.113 DUKE, R

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.
• 22625

MUS 385 2-HISTORY OF MUSIC THEORY
Course number may be repeated for credit when the topics vary. Research in depth on various topics. Prerequisite: Graduate standing in music.
• 22630 TTH 1230 - 200P MRH 5.244 TURCI, J

MUS 385J CHANT HYPERTEXTS
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. Topic description: Course will explore research and practical applications of liturgical prosulas and the digital humanities. meets with MDV 392M.
• 22635 M 200 - 500P MRH 3.134 NARDINI, L

COLLEGE MUS CURRICULA NEW CENT
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. Topic title: College music curricula for a new century.
• 22640 T 200 - 500P MRH 3.134 MOORE, R

MUS 385R DIRECTED RSCH IN MUSICOLOGY
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22645

MUS 387L JAZZ PERSPECTIVES
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.
• 22650 MWF 100 - 200P MRH 6.248 MILLS, J

MUSIC AND THE POETIC TEXT
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 331J.
• 22655 MWF 1000 - 1100 MRH 2.604 HATTEN, R

19TH-CENTURY ITALIAN OPERA
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.
• 22660 TTH 1100 - 1230P MRH 2.610 TUSA, M

20TH-CEN ORCHESTRAL 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.
• 22665 TTH 200 - 330P MRH 2.610 MAGGART BUTLER, A

5-BAND 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. meets with MUS 379K (TOPIC 17).
• 22670 TTH 1230 - 200P MRH 4.116 GALL, 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.
• 22675 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.
• 22680

MUS 388E ELECTRONIC COMPOSITION
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22685

course	unique	days	time	room	instructor

MUS 388G GRADUATE MEDIA PROJECT
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22690

MUS 388K PROJECT IN JAZZ COMPOSITION
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 22695

MUS 388M 4-CURRENT TRENDS MUS THEORY
Course number may be repeated for credit when the topics vary. Music 688 (Topic 15) and 388M (Topic 4) 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, musicology, or composition; or graduate standing and consent of instructor.
• 22700 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.
• 22705

MUS 388S THEORIES AND THE SOUNDTRACK
Designed to accommodate 35 or fewer students. 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.
• 22710 W 300 - 600P MRH M3.114 BUHLER, J

MUS 388T 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.
• 22715 TTH 930 - 1100 MRH M3.113 CHANDLER, B
• 22720 TTH 930 - 1100 MRH 4.116 DROTT, E
• 22725 MWF 900 - 1000P MRH M3.113 MCDONNELL, C

MUS 388V SCORE READING
Additional hour(s) to be arranged. Music 688 (Topic 8) and 388V may not both be counted. Prerequisite: Graduate standing in music, or graduate standing and consent of instructor.
• 22730 MW 1100 - 1200 MRH 4.126 SHARLAT, Y

MUS 391 FOUNDATIONS OF MUSIC EDUCATION
Introduction to graduate study, history, philosophy, and basic concepts in music education. Required of all music and human learning majors. Prerequisite: Graduate standing.
• 22735 TTH 1100 - 1230P MRH 4.130 SIMMONS, A

MUS 393 MUS EDUC: GRAD STUDY IN STR ED
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 22740 TTH 1230 - 200P MRH 4.130 SCOTT, L

RSRCH/PRACT INCLUSV CLSRMS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Topic title: Research and practice in inclusive music classrooms.
• 22745 MW 1230 - 200P MRH 4.130 JELLISON, J

5-MUS EDUC: DIRECTED RESEARCH
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 22750

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.
• 22755

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.
• 22760

MUS 395W WRITING ABOUT MUSIC
Additional hour(s) to be arranged. Designed to develop and improve writing skills through required readings and through writing concert reviews, opinion pieces, essays, and articles about music. Prerequisite: Graduate standing in music.
• 22765 T 500 - 600P MRH 3.134 SLAWEK, S

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.
• 22770

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.
• 22775

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.
• 22780

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.
• 22785

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.
• 22790

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.
• 22795

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.
• 22800 TTH 1230 - 200P MRH 3.134 DELL'ANTONIO, A

SUPERVISED TEACHING IN MUSIC
Additional hour(s) to be arranged. 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.
• 22805 T 1100 - 1230P MRH 6.210 LEONARD, D

MUS 399 TREATISE
Hour(s) to be arranged. Offered on the credit/no credit basis only. Author a substantial research paper of a scholarly nature and perform associated post-candidacy doctoral recitals. Restricted to students approved to pursue the treatise option for the Doctoral of Musical Arts degree. Prerequisite: Passage of preliminary and comprehensive examinations for the Doctor of Musical Arts degree, admission to candidacy, and approval by the Graduate Academic Affairs Committee.
• 22810

MUS 399N NONTREATISE LECT/RECITAL DOCUM
Hour(s) to be arranged. Offered on the credit/no credit basis only. Author a research paper of a scholarly nature and perform associated post-candidacy doctoral recitals. 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 and admission to candidacy.
• 22815

MUS 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 22820

MUS 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 22825

MUS 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 22830

MUS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Music 399R, 699R, or 999R.
• 22835

MUS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Music 399R, 699R, or 999R.
• 22840

MUS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Music 399R, 699R, or 999R.
• 22845

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.
• 22900

10/11/2018

course unique days time room instructor

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.
• 22905

BSN 312 LOWER-DIV BASSOON: MAJOR
Hour(s) to be arranged. 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.
• 22910

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.
• 22915

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.
• 22920

BSN 362 UPPER-DIV BASSOON: MAJOR
Hour(s) to be arranged. 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.
• 22925

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.
• 22930

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.
• 22935

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.
• 22940

course unique days time room instructor

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.
• 22945

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.
• 23000

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.
• 23005

CLA 312 LOWER-DIV CLARINET: MAJOR
Hour(s) to be arranged. 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.
• 23010

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.
• 23015

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.
• 23020

CLA 362 UPPER-DIV CLARINET: MAJOR
Hour(s) to be arranged. 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.
• 23025

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.
• 23030

course unique days time room instructor

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.
• 23035

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.
• 23040

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.
• 23045

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.
• 23100

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.
• 23105

D B 212 LOWER-DIV DOUBLE BASS: MAJOR
Hour(s) to be arranged. 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.
• 23110

D B 312 LOWER-DIV DOUBLE BASS: MAJOR
Hour(s) to be arranged. 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.
• 23115

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.
• 23120

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.
• 23125

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.
• 23130

D B 362 UPPER-DIV DOUBLE BASS: MAJOR
Hour(s) to be arranged. 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.
• 23135

D B 362J UPPER-DIV DOUBLE BASS: IMPROV
Hour(s) to be arranged. 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.
• 23140

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.
• 23145

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.
• 23150

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 (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.
• 23155

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.
• 23160

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.
• 23165

course unique days time room instructor

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.
• 23170

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.
• 23175

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.
• 23180

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.
• 23185

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.
• 23240

DRS 362J UPPER-DIV DRUM SET: IMPROV
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.
• 23245

DRS 280J GRAD DRUM SET: JAZZ IMPROV
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.
• 23250

DRS 480J GRAD DRUM SET: JAZZ IMPROV
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.
• 23255

DRS 290J ADV GRAD DRUM SET: JAZZ IMPROV
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.
• 23260

DRS 490J ADV GRAD DRUM SET: JAZZ IMPROV
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.
• 23265

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.
• 23320

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.
• 23325

EUP 312 LOWER-DIV EUPHONIUM: MAJOR
Hour(s) to be arranged. 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.
• 23330

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.
• 23335

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.
• 23340

EUP 362 UPPER-DIV EUPHONIUM: MAJOR
Hour(s) to be arranged. 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.
• 23345

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.
• 23350

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.
• 23355

EUP 290 ADVANCED GRADUATE EUPHONIUM
Hour(s) to be arranged. 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.
• 23360

EUP 490 ADVANCED GRADUATE EUPHONIUM
Hour(s) to be arranged. 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.
• 23365

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.
• 23420

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.
• 23425

FLU 312 LOWER-DIV FLUTE: MAJOR
Hour(s) to be arranged. 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.
• 23430

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.
• 23435

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.
• 23440

FLU 362 UPPER-DIV FLUTE: MAJOR
Hour(s) to be arranged. 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.
• 23445

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.
• 23450

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.
• 23455

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.
• 23460

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.
• 23465

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.
• 23520

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.
• 23525

F H 312 LOWER-DIV FRENCH HORN: MAJOR
Hour(s) to be arranged. 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.
• 23530

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.

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Prerequisite: Course 201 in the secondary instrument for four semesters,or the equivalent, and approval of the area faculty.
• 23535

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.
• 23540

F H 362 UPPER-DIV FRENCH HORN: MAJOR
Hour(s) to be arranged. 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.
• 23545

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.
• 23550

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.
• 23555

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.
• 23560

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.
• 23565

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.
• 23620

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.
• 23625

GUI 212 LOWER-DIV GUITAR: MAJOR
Hour(s) to be arranged. 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.
• 23630

GUI 312 LOWER-DIV GUITAR: MAJOR
Hour(s) to be arranged. 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.
• 23635

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.
• 23640

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.
• 23645

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.
• 23650

GUI 362 UPPER-DIV GUITAR: MAJOR
Hour(s) to be arranged. 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.
• 23655

GUI 362J UPPER-DIV GUITAR: IMPROV
Hour(s) to be arranged. 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.
• 23660

GUI 280 GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class.
• 23665

GUI 380 GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class.
• 23670

GUI 480 GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class.
• 23675

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, saxo-

phone, trombone, trumpet, and vibraphone. Prerequisite: Graduate standing in music and consent of the graduate adviser.
• 23680

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.
• 23685

GUI 290 ADVANCED GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class.
• 23690

GUI 490 ADVANCED GRADUATE GUITAR
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class.
• 23695

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.
• 23700

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.
• 23705

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.
• 23760

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.
• 23765

HAR 312 LOWER-DIV HARP: MAJOR
Hour(s) to be arranged. 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.
• 23770

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.
• 23775

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.
• 23780

HAR 362 UPPER-DIV HARP: MAJOR
Hour(s) to be arranged. 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.
• 23785

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.
• 23790

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.
• 23795

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.
• 23800

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.
• 23855

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.
• 23860

OBO 312 LOWER-DIV OBOE: MAJOR
Hour(s) to be arranged. 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.
• 23865

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.
• 23870

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.
• 23875

OBO 362 UPPER-DIV OBOE: MAJOR
Hour(s) to be arranged. 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.
• 23880

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.
• 23885

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.
• 23890

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.
• 23895

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.
• 23900

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.
• 23955

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.
• 23960

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.
• 23965

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.
• 23970

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.
• 24025

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.
• 24030

ORG 312 LOWER-DIV ORGAN: MAJOR
Hour(s) to be arranged. 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.
• 24035

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.
• 24040

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.
• 24045

ORG 362 UPPER-DIV ORGAN: MAJOR
Hour(s) to be arranged. 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,

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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.
• 24050

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.
• 24055

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.
• 24060

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.
• 24065

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.
• 24070

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.
• 24125

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.
• 24130

PER 212 LOWER-DIV PERCUSSION: MAJOR
Hour(s) to be arranged. 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.
• 24135

PER 312 LOWER-DIV PERCUSSION: MAJOR
Hour(s) to be arranged. 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.
• 24140

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.
• 24145

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.
• 24150

PER 362 UPPER-DIV PERCUSSION: MAJOR
Hour(s) to be arranged. 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.
• 24155

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.
• 24160

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.
• 24165

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, 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.
• 24170

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.
• 24175

course unique days time room instructor

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.
• 24230

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.
• 24235

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.
• 24240

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.
• 24245

PIA 212 LOWER-DIV PIANO: MAJOR
Hour(s) to be arranged. 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.
• 24250

PIA 312 LOWER-DIV PIANO: MAJOR
Hour(s) to be arranged. 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.
• 24255

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.
• 24260

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.
• 24265

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.
• 24270

PIA 362 UPPER-DIV PIANO: MAJOR
Hour(s) to be arranged. 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.
• 24275

course unique days time room instructor

PIA 362J UPPER-DIV PIANO: IMPROV
Hour(s) to be arranged. 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.
• 24280

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.
• 24285

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.
• 24290

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.
• 24295

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.
• 24300

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.
• 24305

PIA 280V GRADUATE PIANO: COLLABORATIVE
Hour(s) to be arranged. 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.
• 24310

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.
• 24315

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.
• 24320

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.
• 24325

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.
• 24330

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.
• 24335

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.
• 24340

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.
• 24345

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.
• 24400

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.
• 24405

SAX 212 LOWER-DIV SAXOPHONE: MAJOR
Hour(s) to be arranged. 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.
• 24410

SAX 312 LOWER-DIV SAXOPHONE: MAJOR
Hour(s) to be arranged. 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.
• 24415

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.
• 24420

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.
• 24425

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.
• 24430

SAX 362 UPPER-DIV SAXOPHONE: MAJOR
Hour(s) to be arranged. 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.
• 24435

SAX 362J UPPER-DIV SAXOPHONE: IMPROV
Hour(s) to be arranged. 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.
• 24440

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.
• 24445

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 standing in music, course 462 in the same instrument, and consent of the graduate adviser.
• 24450

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.
• 24455

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.
• 24460

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.
• 24465

Draft 11/20/18

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.
• 24470

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.
• 24475

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.
• 24480

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.
• 24535

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.
• 24540

TRO 212 LOWER-DIV TROMBONE: MAJOR
Hour(s) to be arranged. 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

TRO 312 LOWER-DIV TROMBONE: MAJOR
Hour(s) to be arranged. 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

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.
• 24555

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.
• 24560

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.
• 24565

TRO 362 UPPER-DIV TROMBONE: MAJOR
Hour(s) to be arranged. 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

TRO 362J UPPER-DIV TROMBONE: IMPROV
Hour(s) to be arranged. 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

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.
• 24580

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.
• 24585

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 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.
• 24590

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.
• 24595

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.
• 24600

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.
• 24605

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, saxo-

phone, trombone, trumpet, and vibraphone. Prerequisite: Admission to a doctoral degree program in music and consent of the graduate adviser.
• 24610

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.
• 24615

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.
• 24670

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.
• 24675

TRU 212 LOWER-DIV TRUMPET: MAJOR
Hour(s) to be arranged. 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.
• 24680

TRU 312 LOWER-DIV TRUMPET: MAJOR
Hour(s) to be arranged. 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.
• 24685

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.
• 24690

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.
• 24695

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.
• 24700

TRU 362 UPPER-DIV TRUMPET: MAJOR
Hour(s) to be arranged. 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.
• 24705

TRU 362J UPPER-DIV TRUMPET: IMPROV
Hour(s) to be arranged. 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.
• 24710

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.
• 24715

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.
• 24720

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.
• 24725

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.
• 24730

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.
• 24735

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.
• 24740

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.
• 24745

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.
• 24750

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.
• 24805

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.
• 24810

TBA 312 LOWER-DIV TUBA: MAJOR
Hour(s) to be arranged. 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.
• 24815

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.
• 24820

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.
• 24825

TBA 362 UPPER-DIV TUBA: MAJOR
Hour(s) to be arranged. 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.
• 24830

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.
• 24835

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.
• 24840

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.
• 24845

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.
• 24850

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.
• 24905

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.
• 24910

VIA 312 LOWER-DIV VIOLA: MAJOR
Hour(s) to be arranged. 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.
• 24915

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.
• 24920

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.
• 24925

VIA 362 UPPER-DIV VIOLA: MAJOR
Hour(s) to be arranged. 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

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instruments, course 412 in the major instrument for four semesters, or the equivalent, and approval of the music faculty.
• 24930

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.
• 24935

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.
• 24940

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.
• 24945

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.
• 24950

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.
• 24955

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.
• 25010

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.
• 25015

VIO 312 LOWER-DIV VIOLIN: MAJOR
Hour(s) to be arranged. 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.
• 25020

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.
• 25025

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.
• 25030

VIO 362 UPPER-DIV VIOLIN: MAJOR
Hour(s) to be arranged. 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.
• 25035

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 (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.
• 25040

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.
• 25045

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.
• 25050

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.
• 25055

course unique days time room instructor

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.
• 25060

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.
• 25115

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.
• 25120

V C 312 LOWER-DIV VIOLONCELLO: MAJOR
Hour(s) to be arranged. 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.
• 25125

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.
• 25130

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.
• 25135

V C 362 UPPER-DIV VIOLONCELLO: MAJOR
Hour(s) to be arranged. 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.
• 25140

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.
• 25145

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.
• 25150

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.
• 25155

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.
• 25160

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.
• 25165

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.
• 25220

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.
• 25225

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.
• 25230

course unique days time room instructor

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.
• 25235

VOI 362 UPPER-DIV VOICE: MAJOR
Hour(s) to be arranged. 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.
• 25240

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.
• 25245

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.
• 25250

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.
• 25255

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.
• 25260

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.
• 25265

DEPARTMENT OF THEATRE AND DANCE

Theatre and Dance - T D

course unique days time room instructor

T D 301 INTRODUCTION TO THEATRE
Additional hour(s) to be arranged. 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. Partially taught as a Web-based course.
• 25320 TTH 200 - 330P VERA, E

T D 302T BALLET I-NONMAJOR
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.
• 25325 TTH 930 - 1100 RSC 1.104 PAUL, S

BEGINNING TAP: NONMAJOR
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.
• 25330 MW 930 - 1100 RSC 1.104 ANDERSON, C

INTRO TO 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.
• 25335 MW 930 - 1100 BEL 502A HECKLER, M

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.
• 25340 TTH 800 - 930 WIN 1.134 SIMONS, S
• 25345 TTH 830 - 1000 WIN B.202 SHOEMAKER, J
• 25350 TTH 930 - 1100 LTH 1.110 CHISHOLM, B
• 25355 MW 1200 - 130P WIN 1.108 CHISHOLM, B
• 25360 TTH 1230 - 200P WIN B.202 SHOEMAKER, J

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.
• 25364 MW 330 - 500P WIN 1.108 GRAPKO, A

T D 306 INTRO TO IMPROVISATIONAL DRAMA
General introduction to improvisational activities with application to the theatre.
• 25365 TTH 800 - 930 WIN 1.108 SIMONS, S

INTRO TO IMPROVISATIONAL DRAMA
Designed to accommodate 35 or fewer students. General introduction to improvisational activities with application to the theatre.
• 25369 MW 1200 - 130P WIN 1.134 GRAPKO, A

T D 311D PERFORMANCE AS COLLAB PRACTICE
Additional hour(s) to be arranged. Explores and defines the creative process of performance collaboration. Theatre and Dance 311 and 311D may not both be counted. Restricted to students with a major in the Department of Theatre and Dance.
• 25370 TTHF 1100 - 1230P LTH 1.110 ALRUTZ, M

T D 311T ASIAN AMERICAN CREATIVE ARTS
Designed to accommodate 35 or fewer students. 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. meets with AAS 310 (TOPIC 4), WGS 301.
• 25375 MWF 1100 - 1200 RLP 1.108 SHORB, K

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.
• 25380 MWF 100 - 300P BEL 502A MASON, G

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.
• 25385 MWF 100 - 300P WIN 1.172 ANDERSON, C

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.
• 25390 TTHF 1100 - 100P RSC 1.104 PAUL, S

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.
• 25395 TTHF 1100 - 100P WIN 1.172 ORGAN, S

T D 312N MOVEMENT COMPOSITION
Continuation of Theatre and Dance 312M. Prerequisite: Theatre and Dance 312M or consent of instructor.
• 25400 TTH 200 - 330P WIN 2.120 MASON, G

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course	unique	days	time	room	instructor

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.

• 25405	MWF	300 - 500P	WIN 1.172	GIONFRIDDO, E
	TTH	330 - 530P	WIN 1.172	

T D 313D ACTING II

Continuation of Acting I. Application of Stanislavksi-based principles to scene work selected from realistic genres. Restricted to Department of Theatre and Dance majors. Prerequisite: Theatre and Dance 313C.

• 25410	TTH	930 - 1100	WIN 2.180	CUDD, J

ACTING II

Additional hour(s) to be arranged. Continuation of Acting I. Application of Stanislavksi-based principles to scene work selected from realistic genres. Restricted to Department of Theatre and Dance majors. Prerequisite: Theatre and Dance 313C.

• 25415	TTH	930 - 1100	WIN 1.134	DOUGLAS, L
• 25420	TTH	1230 - 200P	WIN 2.180	CUDD, J
• 25425	TTH	200 - 330P	WIN 1.134	DAVIS, C

ACTING II

Additional hour(s) to be arranged. Continuation of Acting I. Application of Stanislavksi-based principles to scene work selected from realistic genres. Restricted to Department of Theatre and Dance majors. Prerequisite: Theatre and Dance 313C. Restricted to Bachelor of Fine Arts in Acting students.

• 25430	MW	1000 - 1200	WIN 1.134	CARPENTER, L

T D 313G VOICE AND MOVEMENT II

Restricted enrollment; contact the department for permission to register for this class. Continuation of Voice and Movement I. Deeper understanding of the vocal-physical connection as a means of playing dramatic action. Prerequisite: Theatre and Dance 313F. Restricted to Bachelor of Fine Arts in Acting students.

• 25435	MW	1200 - 200P	WIN 2.120	DAVIS, C

T D 313L VOICE LABORATORY II

Continuation of Voice Laboratory I. Advanced voice and speech work connected to personalization and truth in classical and heightened text. Prerequisite: Theatre and Dance 313K. Restricted to Bachelor of Fine Arts in Acting students.

• 25440	TTH	1200 - 130P	WIN 2.120	RAMIREZ, R

T D 313N MOVEMENT LABORATORY II

Continuation of Movement Laboratory I. The practice of physical theatre disciplines as a means of deepening the actor's understanding of character and behavior. Prerequisite: Theatre and Dance 313M. Restricted to Bachelor of Fine Arts in Acting students.

• 25445	TTH	930 - 1100	WIN 2.120	DAVIS, C

T D 314C DESIGN FOR PERFORMANCE

Introduction to the techniques, practices, and processes in costume, lighting, scenic, and sound design. Prerequisite: A major in the Department of Theatre and Dance.

• 25450	TTH	930 - 1100	WIN 2.138	BLOODGOOD, W

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.

• 25455	TTH	200 - 400P	WIN 1.320	CLOYES, R

T D 314P 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. meets with AET 319.

• 25460	MTWTHF	530 - 1000P	WIN 1.140	TOLIN, D
	S	1000 - 1000P	WIN 1.140	

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.

• 25465

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. Class meets February 2-April 1. meets with AET 319.

• 25470	MTWTHF	530 - 1000P	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. Class meets February 21-March 15.

• 25475	MTWTHF	530 - 1000P	WIN 1.100	TOLIN, D
	S	1000 - 1000P	WIN 1.100	

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. Class meets February 4-18. meets with AET 319.

• 25480	MTWTHF	530 - 1000P	WIN 1.140	TOLIN, D
	S	1000 - 1000P	WIN 1.140	

T D 314Q PRODUCTION SHOP

May be repeated for credit. Assist in the creation of props, lighting, costumes, projection, audio, or scenery for department productions. Restricted to theatre studies majors. Prerequisite: A major in the Bachelor of Fine Arts in Theatre Studies. meets with T D 324P.

• 25485	MWF	800 - 900	WIN 1.100	CLOYES, R
• 25490	MWF	900 - 1200	WIN 1.140	
• 25495	TTH	1230 - 500P	PAC 1.208	SWITZER, R
• 25500	MWF	200 - 500P	PAC 2.216	JOHNSON, J
• 25505	MWF	200 - 500P	WIN 1.138	PEREZ, C
• 25510	MWF	200 - 500P	WIN 1.320	
• 25515	MWF	200 - 500P	WIN 2.170	ACOSTA, N

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.

• 25520	TTH	200 - 330P	WIN B.202	MARINELLI, D
• 25525	TTH	330 - 500P	WIN B.202	CHIU, I

T D 317D THEATRE HISTORY SINCE 18TH CEN

Prerequisite: For theatre and dance majors, Theatre and Dance 311 or 311C; for others, none.

• 25530	MWF	900 - 1000	WIN 2.112	
• 25535	MWF	1000 - 1100	WIN 2.112	

T D 121P FESTIVAL PROJECT & PRODUCTION

May be repeated for credit. Students initiate, develop, and/or participate in an approved departmental major festival project or production under the supervision of a faculty member. Prerequisite: Consent of instructor.

• 25540

T D 221P FESTIVAL PROJECT & PRODUCTION

May be repeated for credit. Students initiate, develop, and/or participate in an approved departmental major festival project or production under the supervision of a faculty member. Prerequisite: Consent of instructor.

• 25545

T D 321P FESTIVAL PROJECT & PRODUCTION

May be repeated for credit. Students initiate, develop, and/or participate in an approved departmental major festival project or production under the supervision of a faculty member. Prerequisite: Consent of instructor.

• 25550

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.

• 25555	MWF	100 - 300P	BEL 502A	MASON, G

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.

• 25560	MWF	100 - 300P	WIN 1.172	ANDERSON, C

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.

• 25565	MWF	100 - 300P	RSC 1.104	ANDERSON, C

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.

• 25570	TTHF	1100 - 100P	RSC 1.104	PAUL, S

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.

• 25575	TTHF	1100 - 100P	WIN 1.172	OVERBEY, D

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.

• 25580	TTHF	1100 - 100P	BEL 502A	OVERBEY, D

T D 222P PROJECTS IN DANCE PERF AND REP

Laboratory hour(s) to be arranged. 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.

• 25585	MWF	300 - 500P	RSC 1.104	BECKHAM, A
	TTH	330 - 530P	RSC 1.104	

T D 323C DIRECTING I

Laboratory hour(s) to be arranged. Study and practice of the fundamentals of stage directing: composition, picturization, movement, gesture, and unit structure. Theatre and

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course	unique	days	time	room	instructor

Dance 316D and 323C may not both be counted. Prerequisite: Upper-division standing and a major in the Department of Theatre and Dance.

	• 25590	TTH	200 - 330P	LTH 1.110	SUSSMAN, A

T D 323D DIRECTING II

Dramatic and environmental analysis of full-length plays. Prerequisite: Theatre and Dance 316D or 323C.

• 25595	TTH	1230 - 200P	LTH 1.110	AVILA, M
• 25600	MW	100 - 230P	LTH 1.110	SANCHEZ, K
• 25605	TTH	200 - 330P	WIN 2.180	SHAW, P

T D 323F ACTING SHAKESPEARE

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 bachelor of fine arts in acting majors. Prerequisite: Theatre and Dance 313E or consent of instructor. Restricted to Bachelor of Fine Arts Theatre and Dance Sophomores.

• 25610	MW	1000 - 1200	WIN 2.180	DORN, F

T D 123P 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.

• 25615

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.

• 25620

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.

• 25625

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. meets with T D 314Q.

• 25630	MWF	900 - 1200	WIN 1.140	
• 25635	TTH	1230 - 500P	PAC 1.208	SWITZER, R
• 25640	MWF	200 - 500P	PAC 2.216	JOHNSON, J
• 25645	MWF	200 - 500P	WIN 1.138	PEREZ, C
• 25650	MWF	200 - 500P	WIN 1.320	
• 25655	MWF	200 - 500P	WIN 2.170	ACOSTA, N

ADVANCED PRODUCTION LABORATORY

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. meets with T D 314Q.

• 25660	MWF	800 - 900	WIN 1.100	CLOYES, R

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.

• 25665	TTH	1230 - 200P	WIN 1.148	SHAW, P

T D 326F CREATIVE DRAMA II

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Advanced investigation of drama and drama-based instructional strategies. Observation, teaching and/or co-teaching in one or more practical contexts during the semester as a way to hone skills needed to successfully plan, implement, and evaluate drama-based lessons. Only one of the following may be counted: Theatre and Dance 326F, 351T (Topic: Creative Drama II), 151T (Topic 1), 251T (Topic 1), 351T (Topic 1). Prerequisite: Upper-division standing, Theatre and Dance 326C, and consent of instructor

• 25668	TTH	1100 - 1230P	WIN 1.108	SIMONS, S
• 25669	TTH	1100 - 1230P	WIN 1.134	SCHROEDER-ARCE, R

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.

• 25670

T D 332N CHOREOG: DSGN FOR DNC/MOV THTR

May be repeated for credit. Continuation of Theatre and Dance 332M. Prerequisite: Theatre and Dance 332M.

• 25675	TTH	200 - 330P	BEL 502A	GIONFRIDDO, E

T D 232Q ADV PROJ IN DNC PERF & REP II

May be repeated for credit. Prerequisite: Upper-division standing, Theatre and Dance 232P or 332P, a major in the Department of Theatre and Dance, and consent of the dance faculty.

• 25680	MWF	300 - 500P	BEL 502A	ANDERSON, C
	TTH	330 - 530P	BEL 502A	

T D 351T CREATIVE DRAMA II

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing and consent of instructor.

• 25685	TTH	1100 - 1230P	WIN 1.108	SIMONS, S
• 25690	TTH	1100 - 1230P	WIN 1.134	SCHROEDER-ARCE, R

DRAMATURGY

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing and consent of instructor.

• 25695	TTH	200 - 330P	WIN 1.148	

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.

• 25700

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.

• 25705

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.

• 25710

T D 152T BALLET PARTNERING/REPERTORY

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.

• 25715	TTH	100 - 200P	WIN 1.172	OVERBEY, D

T D 352T ADVANCED PILATES: EVOLVED LAB

Laboratory hour(s) to be arranged. 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. Topic description: Utilizes Pilates-evolved techniques, equipment, and readings to investigate a daily mind/body practice of efficient alignment, core strengthening, movement re-education and execution to enhance mov ement expressivity in performance.

• 25720	MW	1100 - 1230P	WIN 2.124	BECKHAM, A

INTRO TO GYROKINESIS

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.

• 25725	TTH	930 - 1100	WIN 1.172	OVERBEY, D

T D 353C DEVISED WORK

A survey of contemporary devising techniques. Work explores present-day parallels for making performance for both individual and collaborative practices. Prerequisite: Upper-division standing meets with T D 387N.

• 25730	TTH	1000 - 1130	WIN B.202	LYNN, K

T D 353E ACTING AND THE CAMERA II-L A

Hour(s) to be arranged. Advanced technique for the camera. Professional audition protocols and career preparation. Theatre and Dance 351T (Topic: Acting for the Camera II) and 353E may not both be counted. Prerequisite: Upper-division standing and Theatre and Dance 353D. Taught in Los Angeles, California.

• 25735				COHEN, M

T D 353K VOICE-OVER AND NARRATION

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.

• 25740	TTH	1230 - 200P	WIN 1.134	CARPENTER, L

T D 353R BUSINESS OF ACTING-L A

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Survey of marketing oneself as an actor, the actor's relationship to agents and casting directors, and methods for initiating and maintaining a professional acting career. Restricted to majors in the Department of Theatre and Dance. Prerequisite: Upper-division standing. Taught in Los Angeles, California.

• 25745				COHEN, M

T D 353T ACTING FOR DIRECTORS

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.

• 25750	MW	330 - 500P	LTH 1.110	SANCHEZ, K

ACTING SHAKESPEARE

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.

• 25755	MW	1200 - 130P	WIN 2.180	RAMIREZ, R

APPLICATION/REHEARSAL-L A

Hour(s) to be arranged. 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. Taught in Los Angeles, California.

• 25760				FINE, H

AUDITION TECHNIQUES

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 Depart-

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ment 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.
• 25765 TTH 1100 - 1230P WIN 2.180 DOUGLAS, L

COMEDY- A CRITIQUE OF CULTURE
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.
• 25770 MW 1200 - 130P WIN 1.134 LYNN, K

FOUNDATIONS OF ACTING-L A
Hour(s) to be arranged. 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. Restricted to students admitted to the Semester in Los Angeles Program. Taught in Los Angeles, California.
• 25775 FINE, H

INTRO TO CREATING NEW MEDIA
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.
• 25780 MW 1100 - 1230P WIN 1.148 CUDD, J

SINGING IN MUSICAL THEATRE
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.
• 25782 TTH 130 - 300P WIN 2.112 STRAKOWSKI, S

STAGE COMBAT FOR THE ACTOR
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.
• 25785 MW 900 - 1030 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.
• 25790 W 900 - 1000 WIN 1.148 CLOYES, R

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.
• 25795

T D 354T ADVANCED STAGE MANAGEMENT
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor.
• 25800 TTH 930 - 1100 WIN 1.164 CLOYES, R

CONCERT AND EVENT LIGHTING
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 348.
• 25810 T 200 - 500P PAC 3.204 SMITH, M

DESIGN SKILLS: DIGTL RENDERING
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: Consent of instructor. Topic description: Digital painting and image manipulation techniques using Adobe Photoshop. Projects include the development of scenic and costume renderings, paint elevations, model pieces, drawings indicative of lighting choices, projections, and full scale output. Present drawing examples when seeking consent. meets with T D 388L.
• 25815 TTH 1100 - 1230P WIN 1.138 BLOODGOOD, W

DRAPING II
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388J (TOPIC 2).
• 25820 TTH 1100 - 1230P WIN 2.170 GLAVAN, J
M 600 - 800P WIN 2.170

FABRIC DYING & PAINTING
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388L.
• 25825 W 630 - 930P WIN 1.139 GLAVAN, J

LIGHTING FOR FILM/TV
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388J.
• 25830 M 1100 - 200P WIN 2.121

MEDIA CREATION FOR LIVE PERFOR
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 329, T D 388L.
• 25835 M 200 - 500P WIN 1.138 ORTEL, S

PORTFOLIO FOR DESIGNERS
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. Topic description: Explores the study and preparation of students' work as it relates specifically to their chosen career including business plan, resume, CV, website, business card, and portfolio. Examines interview ing techniques and professional networking methodologies for beginning, sustaining, and archiving a professional career. meets with T D 388L.
• 25840 TTH 1230 - 200P WIN 2.138 MICKEY, S

PRACTICAL SPECIAL EFFECTS
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388L.
• 25845 M 830 - 1000 PAC 2.208 JOHNSON, J
F 1000 - 1130 PAC 2.208
• 25850 M 830 - 1000 PAC 2.208 JOHNSON, J
F 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.
• 25855 M 900 - 1200 WIN 2.138 BLOODGOOD, W

SCENIC SCULPTING & FINISHES
Course number may be repeated for credit when the topics vary. Prerequisite: Consent of instructor. meets with T D 388L.
• 25860 MWF 800 - 900 PAC 2.208 MANESS, K

14-FIGURE AND FABRIC RENDERING
Course number may be repeated for credit when the topics vary. Principles of figure and fabric painting from life. Prerequisite: Consent of instructor. meets with T D 388L (TOPIC 29).
• 25865 F 200 - 600P WIN B.204 MANESS, K
MTH 600 - 900P WIN B.204

T D 355 PLAYWRITING III
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.
• 25870 MW 1100 - 1230P WIN 1.164 SHAW, P

T D 357T GENDER AND SEXUALITY IN PERFOR
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with T D 387D.
• 25875 TTH 930 - 1100 WIN 1.148 ROSSEN PAVKOVIC, R

LGBTQ OPPRESSION:DIALOG
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with WGS 335 (TOPIC 2), S W 360K.
• 25880 W 300 - 600P PAR 204 NGUYEN, Q
M 300 - 600P PAR 105

THTR DIALOG:EXPL INTPRSNL VIOL
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing.
• 25885 W 400 - 700P WIN 2.112

T D 375H HONORS SEMINAR
Comprehensive introduction to research in the area of theatre and dance. Restricted to majors in the Department of Theatre and Dance. Prerequisite: Upper-division standing; admission to the Honors Program in Theatre and Dance; and consent of the head of the Theatre and Dance Honors Program.
• 25890 TTH 1100 - 1230P WIN 1.130

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.
• 25895 M 1000 - 1130 WIN B.202 ENGELMAN, E
• 25900 F 1200 - 200P WIN 1.108 DAWSON, K

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.
• 25905

T D 381F DIRECTING METHODS & PRACTICES
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.
• 25910 MWF 330 - 500P LTH 1.110 SANCHEZ, K

T D 183N THEATRE OUTREACH PRACTICUM
Hour(s) to be arranged. Practical application of theatre outreach methods in communities. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.
• 25915

Draft 1/20/18

course	unique	days	time	room	instructor

T D 383N THEATRE OUTREACH PRACTICUM
Practical application of theatre outreach methods in communities. May be repeated for credit when the projects vary. Prerequisite: Graduate standing and consent of instructor.
• 25920

T D 383P HISTORIOGRAPHY DRAMA FOR YOUTH
Course number may be repeated for credit when the topics vary. Topics pertinent to students' training and development in drama and theatre for youth. Prerequisite: Graduate standing and consent of instructor.
• 25925 T 200 - 500P WIN 1.108 ALRUTZ, M

PRE-THESIS: RSCH AND PRACTICE
Course number may be repeated for credit when the topics vary. Topics pertinent to students' training and development in drama and theatre for youth. Prerequisite: Graduate standing and consent of instructor.
• 25930 TH 1230 - 330P WIN 1.108 DAWSON, K

TEACH ARTISTS IN SCHLS & COMMS
Course number may be repeated for credit when the topics vary. Topics pertinent to students' training and development in drama and theatre for youth. Prerequisite: Graduate standing and consent of instructor.
• 25935 W 900 - 1200 WIN 1.108 DAWSON, K

T D 385D NEW PLAY DRAMATURGY
Course number may be repeated for credit when the topics vary. Topics pertinent to students' training and development in dramaturgical theory and practice. Prerequisite: Graduate standing and consent of instructor.
• 25940 W 900 - 1200 WIN B.202 ENGELMAN, E

T D 387D GENDER AND SEXUALITY IN PERFOR
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 T D 357T.
• 25945 TTH 930 - 1100 WIN 1.148 ROSSEN PAVKOVIC, R

PERFORMANCE AS RESEARCH
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.
• 25950 TTH 1230 - 200P WIN 1.164 ROSSEN PAVKOVIC, R

T D 387N ADVANCED PLAYWRITING WORKSHOP
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.
• 25955 F 900 - 1200 WIN 1.148 BASSETT, A

DEVISED WORK
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with T D 353C.
• 25960 TTH 1000 - 1130 WIN B.202 LYNN, K

T D 388J DESIGN CONCEPTS FOR THE STAGE
Additional 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.
• 25965 W 200 - 500P WIN 2.138 MICKEY, S

LIGHTING FOR FILM/TV
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.
• 25970 M 1100 - 200P WIN 2.121

MEDIA DESIGN AND TECHNOLOGY IV
Additional 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.
• 25975 W 1230 - 200P PAC 3.204 ORTEL, 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.
• 25980 TTH 1100 - 1230P WIN 2.170 GLAVAN, J
M 600 - 800P WIN 2.170

3-LIGHTING DESIGN
Additional 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.
• 25985 W 800 - 1100 WIN 2.121 HABECK, M

4-SCENIC DESIGN
Additional 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.
• 25990 W 800 - 1100 WIN 2.138 ISACKES, R

T D 388L DESIGN SKILLS: DIGTL RENDERING
Additional 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: Digital painting and image manipulation techniques using Adobe Photoshop. Projects include the development of scenic and costume renderings, paint elevations, model pieces, drawings indicative of lighting choices, projections, and full scale output. Present drawing examples when seeking consent. meets with T D 354T.
• 26000 TTH 1100 - 1230P WIN 1.138 BLOODGOOD, W

FABRIC DYING & PAINTING
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.
• 26005 W 630 - 930P WIN 1.139 GLAVAN, J

MEDIA CREATION FOR LIVE PERF
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. Topic description: Designed to teach common techniques and skills used to create imagery, moving or still, for a variety of applications in the field of live performance. Explores the creation of imagery that is gene rated or manipulated in realtime by performers or sensors. These techniques are relevant to include theatre, concerts, art installations, and events. meets with AET 329, T D 354T.
• 26010 M 200 - 500P WIN 1.138 ORTEL, S

PERFORMANCE DESIGN THEORY
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.
• 26015 F 900 - 1200 WIN 2.138 ISACKES, R

PORTFOLIO FOR DESIGNERS
Additional 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. meets with T D 354T.
• 26020 TTH 1230 - 200P WIN 2.138 MICKEY, S

PRACTICAL SPECIAL EFFECTS
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.
• 26025 M 830 - 1000 PAC 2.208 JOHNSON, J
F 1000 - 1130 PAC 2.208
• 26030 M 830 - 1000 PAC 2.208 JOHNSON, J
F 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.
• 26035 M 900 - 1200 WIN 2.138 BLOODGOOD, W

SCENIC SCULPTING AND FINISHES
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.
• 26040 MWF 800 - 900 PAC 2.208 MANESS, K

29-FIGURE AND FABRIC RENDERING
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. Principles of figure and fabric painting from life. Prerequisite: Graduate standing and consent of instructor. meets with T D 354T (TOPIC 14).
• 26045 F 200 - 600P WIN B.204 MANESS, K
MTH 600 - 900P WIN B.204

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.
• 26050 W 1100 - 1200 WIN 2.112 BLOODGOOD, W
• 26055 W 1100 - 1200 WIN 2.112 GLAVAN, J
• 26060 W 1100 - 1200 WIN 2.112 HABECK, M
• 26065 W 1100 - 1200 WIN 2.112 MICKEY, S
• 26070 W 1100 - 1200 WIN 2.112 ORTEL, S

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.
• 26075

T D 390C PRO DEVELOPMENT WORKSHOP
Offered on the letter-grade basis only. May be repeated for credit. New project development workshop for second year Playwrights and Directors who will collaborate with other students in teams to explore and develop new works. May be repeated for credit. Restricted to theatre and dance majors. Prerequisite: Graduate Standing and consent of intructor
• 26080 M 1230 - 330P WIN B.202 ENGELMAN, E

T D 391 TPCS IN PERF AND PUBLIC PRACT
Course number may be repeated for credit when the topics vary. Topics, restricted or broad in scope, related to performance as public practice. Prerequisite: Graduate standing and consent of instructor.
• 26085 TTH 1100 - 1230P WIN 2.136 CANNING, C

T D 395 RDNGS HIST/THRY/CRIT/PERF STDS
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.
• 26090

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.
• 26095

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.
• 26100

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).
• 26105

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).
• 26110

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.
• 26115

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.
• 26120

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.
• 26125

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.
• 26130

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.
• 26135

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.
• 26140

JOHN A. AND KATHERINE G. JACKSON SCHOOL OF GEOSCIENCES

ENERGY AND EARTH RESOURCES GRADUATE PROGRAM

Energy and Earth Resources - EER

EER 194 ENERGY STUDIES
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.
• 26195

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.
• 26200

EER 396 ENERGY FINANCE
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.
• 26205 MW 200 - 330P BUTLER, J

ENERGY FINANCE
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. Topic description: Fundamentals of finance in the petroleum industry, including petroleum project financing techniques, investigating sources of capital, and methods used to evaluate an oil company's financial perfor mance. meets with PGE 371, PGE 383 (TOPIC 41).
• 26210 TH 400 - 700P CPE 3.159 MALIK, K

ENERGY TECHNOLOGY AND POLICY
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. meets with P A 388K, MAN 385, M E 382Q (TOPIC 4), CHE 384T, CHE 359, M E 363M.
• 26215 TTH 800 - 930 CPE 2.204 WEBBER, M

GROUNDWATER RESOURCE EVALUATN
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.
• 26220 M 200 - 500P EPS 4.104 KREITLER, C

INTL PETROL CONCESSN/AGREE
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. Topic description: Domestic and worldwide regulations associated with petroleum leasing, including offshore areas, and environmental provisions concerning petroleum exploration and production. meets with PGE 363, PGE 383 (TOPIC 46).
• 26225 F 300 - 600P CPE 2.202 MALIK, K

LAW/FIN/SCI: GLBL ENERGY
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. Graduate seminar covering a wide range of issues in energy and earth resources. Prerequisite: Graduate standing. meets with LAW 379M.
• 26230 W 345 - 630P TNH 3.124 ANDERSON, O

REGULATING ENERGY MARKETS
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. meets with LEB 380 (TOPIC 39), LAW 379M, P A 388K.
• 26235 MW 1145 - 115P TNH 2.138 SPENCE, D

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.
• 26240

STATISTICAL ANALYSIS/LEARNING
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. meets with M E 397, INF 397, P A 397C.
• 26245 W 900 - 1200 SRH 3.122 RAI, V

10/11/2018

course	unique	days	time	room	instructor

EER 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 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.

- 26250

EER 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 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.

- 26255

DEPARTMENT OF GEOLOGICAL SCIENCES

Environmental Science - EVS
Geological Sciences - GEO

EVS 311 FIELD SMNR IN SUSTAINABILITY fee: $250.00

Introduces field observation and analysis of environmental processes and sustainability issues. Subjects include ecology, hydrogeology, marine science, climate science, energy, and campus sustainability. Restricted to environmental science majors. Prerequisite: Consent of instructor.

• 26310	W	300 - 400P	JGB 3.120	WONG, C
	F	100 - 600P	EPS 2.102	
• 26315	W	300 - 400P	JGB 3.120	WONG, C
	F	100 - 600P	EPS 2.103	

EVS 121 RESEARCH METHODS

Offered on the letter-grade basis only. Overview of the methods involved in research projects designed to help prepare students in independent research projects or internships. Restricted to students pursuing a Bachelor of Science in Environmental Science. Prerequisite: Environmental Science 311 with a grade of at least C-.

• 26320	M	300 - 500P	JGB 3.120	MAHLER, B

EVS 151 ENVIR SCI PROFESSIONALISM II

Examines the fundamental, nontechnical aspects of environmental science and sustainability practices. Focuses on the use of interdisciplinary communication for addressing and assessing environmental science processes, the challenges posed by communicating across disciplines, the development of professional communication and public speaking skills, effective presentation of research, the ethics and practices of peer research review, and effective communication of the effects of environmental science in a global society. Restricted to environmental science majors. Prerequisite: Environmental Science 141.

• 26325	M	400 - 500P	EPS 1.126	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.

- 26330

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.

- 26335

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.

• 26390	TTH	930 - 1100	GSB 2.124	LIN, J
	M	800 - 1000	JGB 2.310	
• 26395	TTH	930 - 1100	GSB 2.124	LIN, J
	M	1000 - 1200	JGB 2.310	
• 26400	TTH	930 - 1100	GSB 2.124	LIN, J
	W	1000 - 1200	JGB 2.310	
• 26405	TTH	930 - 1100	GSB 2.124	LIN, J
	F	1000 - 1200	JGB 2.310	
• 26410	TTH	930 - 1100	GSB 2.124	LIN, J
	M	1200 - 200P	JGB 2.310	
• 26415	TTH	930 - 1100	GSB 2.124	LIN, J
	T	1200 - 200P	JGB 2.310	
• 26420	TTH	930 - 1100	GSB 2.124	LIN, J
	W	1200 - 200P	JGB 2.310	
• 26425	TTH	930 - 1100	GSB 2.124	LIN, J
	TH	1200 - 200P	JGB 2.310	
• 26430	TTH	930 - 1100	GSB 2.124	LIN, J
	T	200 - 400P	JGB 2.310	

GEO 302C CLIMATE: PAST, PRESENT, FUTURE

Designed to accommodate 100 or more students. Designed for non-geological sciences majors. Principal factors that determine Earth's climate, evidence of climate change, causes of climatechange, natural climatic variations and human-induced changes, prediction of climate in the next one hundred years, and uncertainties in climate prediction.

• 26435	MWF	900 - 1000	JGB 2.216	YANG, Z
	TH	800 - 930	JGB 2.308	
• 26440	MWF	900 - 1000	JGB 2.216	YANG, Z
	M	1100 - 1230P	JGB 2.308	
• 26445	MWF	900 - 1000	JGB 2.216	YANG, Z
	T	1100 - 1230P	JGB 2.308	
• 26450	MWF	900 - 1000	JGB 2.216	YANG, Z
	W	1100 - 1230P	JGB 2.308	
• 26455	MWF	900 - 1000	JGB 2.216	YANG, Z
	TH	1100 - 1230P	JGB 2.308	
• 26460	MWF	900 - 1000	JGB 2.216	YANG, Z
	F	1100 - 1230P	JGB 2.308	
• 26465	MWF	900 - 1000	JGB 2.216	YANG, Z
	M	500 - 630P	JGB 2.308	
• 26470	MWF	900 - 1000	JGB 2.216	YANG, Z
	W	500 - 630P	JGB 2.308	

GEO 302D AGE OF DINOSAURS

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.

• 26475	TTH	200 - 330P	MEZ 1.306	ROWE, T
	T	800 - 930	JGB 3.116	
• 26480	TTH	200 - 330P	MEZ 1.306	ROWE, T
	T	800 - 930	JGB 3.116	
• 26485	TTH	200 - 330P	MEZ 1.306	ROWE, T
	W	800 - 930	JGB 3.116	
• 26490	TTH	200 - 330P	MEZ 1.306	ROWE, T
	TH	800 - 930	JGB 3.116	
• 26495	TTH	200 - 330P	MEZ 1.306	ROWE, T
	F	800 - 930	JGB 3.116	
• 26500	TTH	200 - 330P	MEZ 1.306	ROWE, T
	M	930 - 1100	JGB 3.116	
• 26505	TTH	200 - 330P	MEZ 1.306	ROWE, T
	TH	930 - 1100	JGB 3.116	
• 26510	TTH	200 - 330P	MEZ 1.306	ROWE, T
	F	930 - 1100	JGB 3.116	
• 26515	TTH	200 - 330P	MEZ 1.306	ROWE, T
	M	1100 - 1230P	JGB 3.116	

GEO 302E EARTH, WIND, AND FIRE

Designed to accommodate 100 or more students. Designed for non-geological sciences majors. Geologic phenomena that affect everyday life, including global warming, earthquakes, volcanism, desertification, river and coastline flooding and erosion, groundwater, mineral resources, and plate tectonics. May not be counted toward a degree in environmental science or geological sciences.

• 26520	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	T	930 - 1100	JGB 2.308	
• 26525	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	W	930 - 1100	JGB 2.308	
• 26530	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	TH	930 - 1100	JGB 2.308	
• 26535	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	M	930 - 1100	JGB 2.308	
• 26540	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	M	1230 - 200P	JGB 2.308	
• 26545	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	T	1230 - 200P	JGB 2.308	
• 26550	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	TH	1230 - 200P	JGB 2.308	
• 26555	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	F	1230 - 200P	JGB 2.308	
• 26560	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	M	200 - 330P	JGB 2.308	
• 26565	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	T	200 - 330P	JGB 2.308	
• 26570	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	W	200 - 330P	JGB 2.308	
• 26575	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	TH	200 - 330P	JGB 2.308	
• 26580	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	M	330 - 500P	JGB 2.308	
• 26585	MWF	1100 - 1200	ART 1.102	JOHNSON, J
	W	330 - 500P	JGB 2.308	

GEO 302G EARTH SCIENCE/SUSTAINABILITY

Offered on the letter-grade basis only. Inquiry-based; explores grand challenges in earth science that affect sustainability and society, including climate change, energy production,soil erosion and agriculture, water availability, and natural hazards risk assessment and prediction. Activities include authentic data, simple models and maps used in geoscience gathering, and analysis and real-world application. Geological

10/11/2018

Sciences 302K (Topic: Earth Science/Sustainability) and 302G may not both be counted.

• 26590	TTH	1230 - 200P	UTC 1.102	POTEET, M

GEO 302J CRISIS OF OUR PLANET

Designed for nonscience majors. Explores the interactions between humansand the Earth system by investigating the different time and spatial scales of the natural hazards that the planet presents, and exploring the societal and economic implications of civilizations co-existing withan evolving planet. Discussion of both long-term and punctuated catastrophic hazards, focusing on those from volcanoes, hurricanes, and earthquakes, using a combination of systems level exploration of the driving mechanisms as well as case histories. Discussion of issues related to risk, mitigation, and resilience for humans facing the vast array of natural hazards.

• 26595	TTH	1100 - 1230P	PAI 3.02	GARDNER, J

GEO 303 INTRODUCTION TO GEOLOGY

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.

• 26600	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	W	800 - 1000	JGB 2.306	
• 26605	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	M	1000 - 1200	JGB 2.306	
• 26610	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	T	1200 - 200P	JGB 2.306	
• 26615	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	TH	1200 - 200P	JGB 2.306	
• 26620	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	F	1200 - 200P	JGB 2.306	
• 26625	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	T	200 - 400P	JGB 2.306	
• 26630	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	TH	200 - 400P	JGB 2.306	
• 26635	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	F	200 - 400P	JGB 2.306	
• 26640	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	TH	400 - 600P	JGB 2.306	

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.

• 26645	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	W	1000 - 1200	JGB 2.306	
• 26650	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	F	1000 - 1200	JGB 2.306	
• 26655	TTH	1100 - 1200	UTC 3.110	
	M	1200 - 200P	JGB 2.306	
• 26660	TTH	1100 - 1200	UTC 3.110	
	W	1200 - 200P	JGB 2.306	
• 26665	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	F	1200 - 200P	JGB 2.306	
• 26670	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	M	200 - 400P	JGB 2.306	
• 26675	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	W	200 - 400P	JGB 2.306	
• 26680	MW	100 - 200P	JGB 2.324	SHANAHAN, T
	W	400 - 600P	JGB 2.306	

GEO 303C INTRO TO THE SOLAR SYSTEM

Examines the origin and evolution of our solar system; how processes such as volcanism and impacts have shaped planet surfaces, as well as the workings of planetary interiors; the unique properties of Earth that allowed life to arise and evolve; the prospects for seeking life on other planets in our own solar system and beyond; and the history of planetary exploration and the methods scientists use to explore fundamental questions regarding our place in the universe. Geological Sciences 303C and 310C (Topic: Introduction to the Solar System) may not both be counted. May not be counted towards a degree in environmental science, geological sciences, or geosystems engineering and hydrogeology.

• 26685	MWF	100 - 200P	JGB 2.216	LASSITER, J

GEO 303E EARTH IN 2100-WB

Hour(s) to be arranged. Examination of the climate system and future impacts of human-induced climate change; discussion of possible mitigation strategies with a focus on energy resources. Participation in a carbon-reduction challenge. Restricted to non-geological science majors. Taught as a Web-based course.

• 26689				CATANIA, G

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. Registration priority given to geological sciences majors. Prerequisite: Geological Sciences 401, 303, or 420H with a grade of at least C-.

• 26690	TTH	930 - 1100	JGB 3.120	MARTINDALE, R
	W	1100 - 100P	JGB 3.116	
• 26695	TTH	930 - 1100	JGB 3.120	MARTINDALE, R
	T	1200 - 200P	JGB 3.116	
• 26700	TTH	930 - 1100	JGB 3.120	MARTINDALE, R
	M	530 - 730P	JGB 3.116	

GEO 012N GEO MENTORS PROG FIRST YR

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the pass/fail basis only. Introduction to the various geosciences disciplines and corresponding degree programs and research areas. Emphasis on the skills needed for success in graduate school and the professional workplace, such as interactive sessions with the Jackson School of Geosciences Career Center to address internships, career planning, and job search skills. May not be counted toward a degree in geological sciences or environmental sciences. Restricted to first-year students in the Jackson School of Geosciences. Prerequisite: Consent of instructor.

• 26705	T	1130 - 1230P	EPS 1.126	SALAZAR, Z

GEO 316P SEDIMENTARY ROCKS

Examines the fundamentals of sedimentary rocks, including siliciclastic grain parameters and mineralogy, sediment transport and sedimentary structures; and carbonate mineralogy and geochemistry, grain and matrix constituents, modern facies, and classification. Reviews the principal siliciclastic and carbonate depositional systems, their process of formation and facies architecture and the role of process and architecture in petrophysical patterns, distribution of permeability and porosity, flow units, reservoir heterogeneities, and hydrocarbon recovery. May not be counted toward any degree in environmental science or geological sciences. Registration priority given to petroleum and geosystems engineering majors and Energy and Management Certificate Program students. Prerequisite: Geological Sciences 401, 303, or 420H with a grade of at least C-.

• 26710	MWF	800 - 900		OLARIU, C

SEDIMENTARY ROCKS

Designed to accommodate 100 or more students. Examines the fundamentals of sedimentary rocks, including siliciclastic grain parameters and mineralogy, sediment transport and sedimentary structures; and carbonate mineralogy and geochemistry, grain and matrix constituents, modern facies, and classification. Reviews the principal siliciclastic and carbonate depositional systems, their process of formation and facies architecture and the role of process and architecture in petrophysical patterns, distribution of permeability and porosity, flow units, reservoir heterogeneities, and hydrocarbon recovery. May not be counted toward any degree in environmental science or geological sciences. Registration priority given to petroleum and geosystems engineering majors and Energy and Management Certificate Program students. Prerequisite: Geological Sciences 401, 303, or 420H with a grade of at least C-.

• 26711	TTH	800 - 930	RLP 0.112	OLARIU, C

GEO 420K INTRO TO FIELD/STRAT METHS fee: $100.00

Additional hour(s) to be arranged. Field observation of geological processes and study of the mineralogy, petrology, stratigraphy, paleontology, and structural geology of centralTexas. Geological Sciences 420K and 320L may not both be counted. Restricted to Jackson School of Geosciences majors. Prerequisite: For general geology majors: Geological Sciences 416K and 416M with a grade of at least C- in each, and credit or registration in Geological Sciences 426P with a grade of at least C-. For others: Geological Sciences 416K and 416M with a grade of at least C- in each.

• 26715	MW	200 - 300P	JGB 2.218	HELPER, M
	F	200 - 500P	EPS 2.104	
• 26720	MW	200 - 300P	JGB 2.218	HELPER, M
	F	200 - 500P	EPS 2.136	
• 26725	MW	200 - 300P	JGB 2.218	HELPER, M
	F	200 - 500P	EPS 4.104	
• 26730	MW	200 - 300P	JGB 2.218	HELPER, M
	F	200 - 500P	JGB 2.308	

INTRO TO FIELD/STRAT METHS fee: $100.00

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Field observation of geological processes and study of the mineralogy, petrology, stratigraphy, paleontology, and structural geology of centralTexas. Geological Sciences 420K and 320L may not both be counted. Restricted to Jackson School of Geosciences majors. Prerequisite: For general geology majors: Geological Sciences 416K and 416M with a grade of at least C- in each, and credit or registration in Geological Sciences 426P with a grade of at least C-. For others: Geological Sciences 416K and 416M with a grade of at least C- in each.

• 26735	TTH	200 - 300P	JGB 3.120	HORTON, B
	F	200 - 500P	JGB 3.116	
• 26740	TTH	200 - 300P	JGB 3.120	HORTON, B
	F	200 - 500P	JGB 3.204	

GEO 325G COMP APPLS IN GEO

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. An introduction to programming in MATLAB and applications to simulation of physical processes and data analysis in the geosciences. Geological Sciences 325J and 325G may not both be counted. Restricted to environmental science and geological sciences majors. Prerequisite: Geological Sciences 303 or 401, Mathematics 408D or 408M, and Physics 301 or 303K.

• 26745	MW	300 - 400P	JGB 3.116	TISATO, N
	MW	400 - 500P	JGB 2.312	

Draft

course	unique	days	time	room	instructor

GEO 325J PROGRAMMING IN FORTRAN/MATLAB

Laboratory hour(s) to be arranged. FORTRAN for students without knowledge of a computer programming language: survey of all variable types, loops, arrays, subroutines, and functions; overview of UNIX and MATLAB. Geological Sciences 325J and 325G may not both be counted. Restricted to geological sciences majors. Prerequisite: Mathematics 427J or 427K with a grade of at least C-.

unique	days	time	room	instructor
• 26750	TTH	930 - 1100	JGB 2.312	HESSE, M

GEO 325M NUMERICAL MODELING GEOSCI

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Covers numerical solution of dynamical problems arising in the solid earth geosiences. Entails development of individual codes in Matlab and application of codes to understanding heat transfer, wave propagation, elastic, and viscous deformations. Requires familiarity with Matlab. Prerequisite: Upper-division standing; Geological Sciences 325G, and Mathematics 427J and 427L with a grade of at least C-; or consent of instructor. meets with GEO 325M.

unique	days	time	room	instructor
• 26753	TTH	930 - 1100	JGB 2.312	HESSE, M
• 26754	TTH	930 - 1100	JGB 2.312	HESSE, M

GEO 426P IGNEOUS & METAMORPH PETROLOGY

Mineralogy, geochemistry, and processes of magmatism and metamorphism. Restricted to geological sciences majors. Prerequisite: Geological Sciences 416K with a grade of at least C-; and registration or a grade of at least C- in either Physics 301 and 101L, or 303K and 103M.

unique	days	time	room	instructor
• 26755	MWF	1000 - 1100	EPS 1.126	GARDNER, J
	TTH	1000 - 1200	EPS 2.102	
• 26760	MWF	1000 - 1100	EPS 1.126	GARDNER, J
	MW	1200 - 200P	EPS 2.102	
• 26765	MWF	1000 - 1100	EPS 1.126	GARDNER, J
	TTH	200 - 400P	EPS 2.102	
• 26770	MWF	1000 - 1100	EPS 1.126	GARDNER, J
	MW	400 - 600P	EPS 2.102	

GEO 327G GIS & GPS APPLICS IN EARTH SCI

Designed to accommodate 35 or fewer students. 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-.

unique	days	time	room	instructor
• 26772	TTH	1100 - 1230P	JGB 2.312	HELPER, M
	T	200 - 400P	JGB 2.312	

GEO 330K ENERGY EXPLORATION

Covers the fundamental elements of the petroleum system, including the origin of source rocks and reservoirs, rock properties, migration of hydrocarbons, and correlation methods for rock formations. During the final weeks of the course, students form exploration teams and work up real subsurface data from the Gulf of Mexico in order to participate in a simulated lease sale. Registration priority given to environmental science and geological sciences majors. Prerequisite: The following with a grade of at least C- in each: Geological Sciences 416M; and Physics 303L and 103N, or Physics 316 and 116L.

unique	days	time	room	instructor
• 26775	MW	100 - 200P	EPS 1.126	FLEMINGS, P
	T	1000 - 1200	JGB 2.310	
• 26780	MW	100 - 200P	EPS 1.126	FLEMINGS, P
	W	200 - 400P	JGB 2.310	

GEO 338T MARINE TECTONICS

Designed to accommodate 35 or fewer students. Tectonic processes within the dynamic Earth, with a focus on oceanic structures. Subjects may include fundamentals of plate tectonics; plate motion, driving forces, and mantle convection; evolution of triple junction and plate margins; plate reconstructions; earthquakes and focal mechanisms; structure and geochemistry of the Earth's interior; mantle structure and tomography; rheology and deformation mechanisms in mantle and crust; heat flow, gravity, the geoid, and paleomagnetism; hotspots and mantle plumes; seafloor spreading and oceanic spreading ridges; oceanic transform faults and fracture zones; and subduction zones, volcanic island arcs, and marginal seas. Only one of the following may be counted: Geological Sciences 338T, 371C (Topic: Tectonics I), 381T, 391 (Topic: Tectonics I). May not be substituted for any required geological sciences course. Restricted to geological sciences majors. Prerequisite: Geological Sciences 428 with a grade of at least C-. meets with GEO 381T.

unique	days	time	room	instructor
• 26785	TTH	200 - 330P	JGB 3.222	HAYMAN, N

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-.

unique	days	time	room	instructor
• 26790	TTH	930 - 1100	EPS 2.104	REMPE, D

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-. meets with GEO 371C.

unique	days	time	room	instructor
• 26791	MW	1000 - 1130	EPS 2.104	CARDENAS, M

GEO 347D GLOBAL WARMING

Offered on the letter-grade basis only. Discussion of the fundamental sciences of global warming, including an active investigation of contemporary climate change issues. Geological Sciences 347D and 371C (Topic: Global Warming) may not both be counted. Prerequisite: Upper-division standing.

unique	days	time	room	instructor
• 26795	MWF	1200 - 100P	JGB 2.218	COOK, K

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.

unique	days	time	room	instructor
• 26800	MWF	1000 - 1100	JGB 3.120	HELPER, M
	M	200 - 400P	JGB 3.102	
• 26805	MWF	1000 - 1100	JGB 3.120	HELPER, M
	M	200 - 400P	JGB 3.102	

GEO 354 PHYSICS OF EARTH

Examines the kinematics and dynamics of the solid Earth as well as its evolution through time. Observations from multiple geophysical techniques are reviewed and applied towards understanding the planet. Geological Sciences 354 and 384D may not both be counted. Registration priority given to geophysics majors. Prerequisite: The following with a grade of at least C-: Geological Sciences 465K, Mathematics 427J or 427K, and Physics 315 and 115L. meets with GEO 384D.

unique	days	time	room	instructor
• 26810	MWF	100 - 200P	JGB 3.120	GRAND, S

GEO 365N SEISMIC DATA PROCESSING

Additional hour(s) to be arranged. Reduction of seismic data from field records to final geologic images, using real data sets and open-source data analysis software. Restricted to students with a major in the Jackson School of Geosciences; registration priority given to geophysics majors. Prerequisite: Upper-division standing, and Geological Sciences 325K and 465K with a grade of at least C- in each. meets with GEO 384S.

unique	days	time	room	instructor
• 26815	TTH	200 - 330P	JGB 3.204	FOMEL, S

GEO 365P POTENTIAL FLD APPL IN GEOPHYS

Designed to accommodate 35 or fewer students. Introduction to the theory, measurement, and application of gravity and magnetic and electric fields to exploration and global-scale problems. Registration priority given to geophysics majors. Prerequisite: The following with a grade of at least C-: Mathematics 427J or 427K, 427L, and Physics 315 and 115L. meets with GEO 383P.

unique	days	time	room	instructor
• 26820	TTH	1100 - 1230P	JGB 3.222	LAVIER, L

GEO 365Q GEOMORPHOLOGY PROCESS & FORM

Additional hour(s) to be arranged. Explores how Earth surface processes combine to shape landscapes through erosion and deposition. Includes discussion of open channel flow, sediment transport, fluvial and hillslope processes, and tectonic controls on landscape evolution. Only one of the following may be counted: Geological Sciences 365Q, 371C (Topic: Geomorphology: Landscape Process, Form, and Evolution), 385Q, 391 (Topic: Geomorphology: Landscape Process, Form, and Evolution). May not be substituted for any required geological sciences course. Registration priority given to majors in the Jackson School of Geosciences. Prerequisite: Upper-division standing, and Mathematics 408C or 408L with a grade of at least C-. meets with GEO 385Q.

unique	days	time	room	instructor
• 26825	TTH	1100 - 1230P	EPS 4.104	JOHNSON, J

GEO 171C CONFERENCE COURSE

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.

• 26830

GEO 271C CONFERENCE COURSE

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.

• 26835

GEO 371C GUIDED RESEARCH PROJECT

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.

• 26840

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course	unique	days	time	room	instructor

ICE IN THE CLIMATE SYSTEM
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.
• 26841 CATANIA, G

INTRO MATH MODELING GEOSCI
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. meets with GEO 346C.
• 26845 MW 1000 - 1130 EPS 2.104 CARDENAS, M

PETROLEUM BASIN EVALUATION
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.
• 26850 KERANS, C

GEO 271T DEPOSITIONAL MECHANICS
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.
• 26855 TTH 1000 - 1100 EPS 2.136 KIM, W

GEO 371T DYNAMS OF ATMOSPHERES & OCEANS
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 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. Topic description: This course examines fluid dynamics in relation to the atmosphere and oceans and applies it to the study of climate and weather. meets with GEO 387F.
• 26860 MW 130 - 300P GAR 1.134 COOK, K

ECOHYDROLOGY/BIOMETEOROLOGY
Designed to accommodate 35 or fewer students. 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.
• 26862 TTH 1100 - 1230P JGB 3.120 MATHENY, A

GEOPHYSCL MEASRMNT/MONITRNG
Designed to accommodate 35 or fewer students. 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.
• 26864 TTH 200 - 330P JGB 2.312 TISATO, N

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.
• 26865 KIM, W

PHYSICAL OCEANOGRAPHY
Designed to accommodate 35 or fewer students. 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.
• 26869 TTH 200 - 330P GDC 1.406 HEIMBACH, P

RSRCH DSGN/DATA ANLY/VISLTN
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.
• 26870 MW 130 - 300P JGB 3.116 CLARKE, J

SEDIMENTARY BASIN ANALYSIS
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.
• 26875 W 200 - 500P EPS 4.104 HORTON, B

VADOSE ZONE HYDROLOGY
Designed to accommodate 35 or fewer students. 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.
• 26879 TTH 200 - 330P EPS 2.104 REMPE, D

GEO 172H HONORS RESEARCH METHODS II
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 with a grade of at least B-. meets with GEO 379H.
• 26880 MW 400 - 500P JGB 3.204 CLOOS, M

GEO 376E ENVIRONMENTAL ISOTOPE GEOCHEM
The application of the isotope and trace element geochemistry of natural waters and sediments to studies of the hydrologic cycle. Stable, radiogenic, and cosmogenic isotopes are used as tracers of the evolution of groundwater, surface water, and ocean water. Restricted to majors in the Jackson School of Geosciences. Prerequisite: The following with a grade of at least C-: Chemistry 302, 204, Geological Sciences 416K, 416M, 346C, Mathematics 408D or 408M, and Physics 303L and 103N. meets with GEO 388H.
• 26885 MWF 100 - 200P JGB 3.222 BREECKER, D

GEO 379H HONORS THESIS IN GEO SCI
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. meets with GEO 172H.
• 26890 MW 400 - 500P JGB 3.204

GEO 380N SEQUENCE STRATIGRAPHY
Organization and interpretation of stratigraphic successions in time-bounded units of genetically related strata. Sequence stratigraphy, as a predictive branch of stratigraphic analysis, provides insight into the origin of the entire spectrum of siliciclastic, carbonate, and evaporite sediments from shallow to deep settings. Laboratory component involves the interpretation of sequences using outcrop measured sections, core data, wireline log sections, field trips, and 2D and 3D seismic data from modern and ancient settings. Prerequisite: Graduate standing, and Geological Sciences 416M and 465K or their equivalents.
• 26895 TTH 930 - 1100 JGB 3.222 KERANS, C
W 930 - 1100 EPS 2.136
• 26900 TTH 930 - 1100 JGB 3.222 KERANS, C
W 1130 - 100P EPS 2.104

GEO 381T MARINE TECTONICS
Designed to accommodate 35 or fewer students. Tectonic processes within the dynamic Earth, with a focus on oceanic structures. Subjects may include fundamentals of plate tectonics; plate motion, driving forces, and mantle convection; evolution of triple junction and plate margins; plate reconstructions; earthquakes and focal mechanisms; structure and geochemistry of the Earth's interior; mantle structure and tomography; rheology and deformation mechanisms in mantle and crust; heat flow, gravity, the geoid, and paleomagnetism; hotspots and mantle plumes; seafloor spreading and oceanic spreading ridges; oceanic transform faults and fracture zones; and subduction zones, volcanic island arcs, and marginal seas. Only one of the following may be counted: Geological Sciences 338T, 371C (Topic: Tectonics I), 381T, 391 (Topic: Tectonics I). May not be substituted for any required geological sciences course. Prerequisite: Graduate standing in geological sciences, or graduate standing and consent of instructor. meets with GEO 338T.
• 26905 TTH 200 - 330P JGB 3.222 GULICK, S

GEO 383P POTENTIAL FLD APPL IN GEOPHYS
Designed to accommodate 35 or fewer students. Introduction to the theory, measurement, and application of gravity and magnetic and electric fields to exploration and global-scale problems. Prerequisite: Graduate standing. meets with GEO 365P.
• 26910 TTH 1100 - 1230P JGB 3.222 LAVIER, L

GEO 383S SEDIMENTARY BASIN ANALYSIS
Quantitative and applied study of basin subsidence and sediment accumulation. The first half of the course considers theoretical basin evolution due to flexural, thermal, dynamic, and fault-related subsidence. The second half of the course involves in-depth analysis of selected basin systems and includes student research projects and presentations on assigned topics. Specific topics vary from year to year. Prerequisite: Graduate standing, and Geological Sciences 383 or the equivalent.
• 26915 W 200 - 500P EPS 4.104 HORTON, B

GEO 384D PHYSICS OF EARTH
Geophysics of the whole Earth: seismic methods of inferring Earth structure, chemical makeup of Earth, tides and rotational variations, geomagnetism, heat flow, earthquakes, and seismicity. Geological Sciences 354 and 384D may not both be counted. Prerequisite: Graduate standing. meets with GEO 354.
• 26920 MWF 100 - 200P JGB 3.120 GRAND, S

GEO 384M INVERSE THEORY
Vector spaces; model parameter estimation methods from inaccurate, insufficient, and inadequate measurements; linear, quasi-linear, and highly non-linear problems; local and global optimization methods. Emphasis on practical problem solving. Prerequisite: Graduate standing and knowledge of linear algebra, basic calculus, and statistics.
• 26925 M 200 - 400P JGB 3.204 SEN, M
W 200 - 300P JGB 3.204

10/11/2018

course	unique	days	time	room	instructor

GEO 384S SEISMIC DATA PROCESSING
Additional hour(s) to be arranged. Reduction of seismic data from field records to final geologic images, using real data sets and open-source data analysis software. Prerequisite: Graduate standing, and Geological Sciences 384R. meets with GEO 365N.

• 26930	TTH	200 - 330P	JGB 3.204	FOMEL, S
	W	100 - 200P	JGB 2.312	

GEO 385Q GEOMORPHOLOGY PROCESS & FORM
Additional hour(s) to be arranged. Explores how Earth surface processes combine to shape landscapes through erosion and deposition. Emphasis on open channel flow, sediment transport, fluvial and hillslope processes, and tectonic controls on landscape evolution. Only one of the following may be counted: Geological Sciences 365Q, 371C (Topic: Geomorphology: Landscape Process, Form, and Evolution), 385Q, GEO 391 (Topic: Geomorphology: Landscape Process, Form, and Evolution). May not be substituted for any required geological sciences course. Prerequisite: Graduate standing in geological sciences. meets with GEO 365Q.

• 26935	TTH	1100 - 1230P	EPS 4.104	JOHNSON, J

GEO 387F DYNAMS OF ATMOSPHERES & OCEANS
Study of fluid dynamics as applied to the atmosphere and oceans, with anemphasis on large-scale processes. The governing equations for weather, climate, and ocean circulations are derived and applied, including conservation laws, fundamental forces, and rotational effects. Geological Sciences 387F and 391 (Topic: Dynamics of Atmospheres and Oceans) may not both be counted. May not be substituted for any requiredgeological sciences course. Prerequisite: Graduate standing and two semesters of college-level calculus. meets with GEO 371T.

• 26940	MW	130 - 300P	GAR 1.134	COOK, K

GEO 388H ENVIRONMENTAL ISOTOPE GEOCHEM
May be repeated for credit. The application of the isotope and trace element geochemistry of natural waters and sediments to studies of the hydrologic cycle. Stable,radiogenic, and cosmogenic isotopes are used as tracers of the evolution of groundwater, surface water, and ocean water. Prerequisite: Graduate standing. meets with GEO 376E.

• 26945	MWF	100 - 200P	JGB 3.222	BREECKER, D

GEO 389E EVOLUTION OF REEF ECOSYSTEMS
Designed to accommodate 35 or fewer students. 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.

• 26947	W	300 - 600P	EPS 1.126	MARTINDALE, R

GEO 390D SEISMOLOGY III
Advanced treatment of elastic wave propagation in heterogeneous anisotropic media, vectors and tensors, Christoffel equation, group and phase velocities, invariant embedding (reflectivity), finite difference, finite elements, and spectral elements. Prerequisite: Graduate standing, and Geological Sciences 380F or the equivalent.

• 26950	TTH	930 - 1100	EPS 1.126	SEN, M

GEO 191 GRAD SEMINAR IN SCIENCE COMM
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 26955	M	600 - 830P	JGB 4.102	BANNER, J

PLANET TEXAS 2050
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 26959	M	430 - 600P	RLP 0.106	BANNER, J

PROPOSAL WRITING
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 26960	T	330 - 500P	JGB 4.102	SPIKES, K

WATER FOR EVERYONE
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 LAW 179M, P A 188G.

• 26965	W	630 - 815P	JON 6.257	COHEN, J

GEO 291 DEPOSITIONAL MECHANICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 26970	TTH	1000 - 1100	EPS 2.136	KIM, W

PALEOCLIMATE SEMINAR
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 26975	TTH	400 - 500P	EPS 1.102	SHANAHAN, T

GEO 391 DYNAMS OF ATMOSPHERES & OCEANS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 26980	MW	130 - 300P	JGB 3.222	COOK, K

EARTH IN DEEP TIME
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 26985	TTH	930 - 1100	EPS 1.126	LASSITER, J

ECOHYDROLOGY/BIOMETEOROLOGY
Designed to accommodate 35 or fewer students. 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.

• 26987	TTH	1100 - 1230P	JGB 3.120	MATHENY, A

GEOPHYSCL MEASRMNT/MONITRNG
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 in geological sciences; additional prerequisites vary with the topic. Topic description: Course explores measurement and error theory; motivations, methods, and techniques to measure field and lab physical quantities; theory and design of sensors and instruments; microcontroller progra mming; and 3D printing. meets with GEO 371T.

• 26990	TTH	200 - 330P	JGB 2.312	TISATO, N

INTRO GEOSCIENCE COMPUTATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 26995	TTH	930 - 1100	JGB 2.312	HESSE, M

INTRO MATH MODELING GEOSCI
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 27000	MW	1000 - 1130	EPS 2.104	CARDENAS, M

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

• 27005				LIN, J

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.

• 27010				KIM, W

PETROLEUM BASIN EVALUATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 27015				KERANS, C

PETROLEUM BASIN EVALUATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic. Topic description: Experience the creative process and high-tech science foundational to the Energy Industry. Analyze geology, geophysics, land, production infrastructure, and other relevant materials as part of a co mpetitive team. Present results to a panel of industry experts, who will judge work based on technical quality, clarity and originality of presentation.

• 27020	M	700 - 900P	JGB 6.142	KERANS, C

PHYSICAL OCEANOGRAPHY
Designed to accommodate 35 or fewer students. 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.

• 27024	TTH	200 - 330P	GDC 1.406	HEIMBACH, P

PHYSICS OF THE EARTH'S INTERIO
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.

• 27025				LIN, J

RSRCH DSGN/DATA ANLY/VISLTN
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.

• 27030	MW	130 - 300P	JGB 3.116	CLARKE, J

SMNR: WATER FOR EVERYONE
Additional 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. meets with LAW 397S, C E 397, P A 387K.

• 27035	W	345 - 545P	JON 6.257	COHEN, J

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

• 27040	TTH	930 - 1100	JGB 3.204	STOCKLI, D

WATER LAW/POLICY 21ST CENT
Additional 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. meets with LAW 376L, P A 388K.

• 27045	TTH	215 - 330P	JON 5.206	COHEN, J

10/11/2018

3D ANALYSIS OF VOLUMETRIC DATA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing in geological sciences; additional prerequisites vary with the topic.
• 27047 TTH 930 - 1100 JGB 3.206 KETCHAM, R

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.
• 27050 TTH 330 - 500P JGB 2.324 CATLOS, E

GEO 194 RESEARCH IN GEOLOGICAL SCIENCE
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.
• 27055

GEO 294 GEOSCIENCES INDIV RESEARCH
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.
• 27060

GEO 394 RSCH IN GEOLOGICAL SCIENCES
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.
• 27065

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.
• 27070

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.
• 27075

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.
• 27080

GEO 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27085

GEO 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27090

GEO 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 27095

GEO 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geological Sciences 399R, 699R, or 999R.
• 27100

GEO 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geological Sciences 399R, 699R, or 999R.
• 27105

GEO 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geological Sciences 399R, 699R, or 999R.
• 27110

SCHOOL OF INFORMATION

Identify Management and Security - IMS
Information Studies - INF

IMS 385T PROFESSIONL EXPRNCE/PROJECT
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.
• 27165

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.
• 27170

IMS 388 IDENTITY AND LAW
Hour(s) to be arranged. Identity-related laws and other policy instruments, different classes ofprotected personal information, and multiple genres of legal information and legal writing. Legal requirements and social responsibilities as they pertain to data protection and the prevention of different types of identity theft crimes. Restricted to students in the Master of Science in Identity Management and Security program. Prerequisite: Graduate standing.
• 27175

IMS 189 INDIVIDUAL STUDIES
May be repeated for credit. In-depth study of a problem or topic related to Identity Management and Security. Restricted to identity management and security majors. Prerequisite: Graduate standing, consent of instructor, and consent of graduate adviser.
• 27180

IMS 289 INDIVIDUAL STUDIES
May be repeated for credit. In-depth study of a problem or topic related to Identity Management and Security. Restricted to identity management and security majors. Prerequisite: Graduate standing, consent of instructor, and consent of graduate adviser.
• 27185

IMS 389 INDIVIDUAL STUDIES
May be repeated for credit. In-depth study of a problem or topic related to Identity Management and Security. Restricted to identity management and security majors. Prerequisite: Graduate standing, consent of instructor, and consent of graduate adviser.
• 27190

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.
• 27195

INF 303D ACADEM SUCCESS IN DGTL UNIV-WB
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.
• 27250 MCGEE, M

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.
• 27255 SIMONS, R

INF 304D INTRO TO INFORMATION STUDIES
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.
• 27260

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 or-

ganization and preservation. Information Studies 304D and 304W may not both be counted. Taught as a Web-based course.
• 27265 BLAHA, C

INF 315C USER RESEARCH
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.
• 27270 MW 700 - 830P PAR 208 BROUSSARD, R

INF 315E INFORMATION LITERACY
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.
• 27275 MW 1230 - 200P WASSENICH, J

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.
• 27280 LOPEZ, Z

INF 121 INDIVIDUAL STUDIES
May be repeated for credit. In-depth study of a problem or topic related to information studies. Prerequisite: Consent of Instructor
• 27285

INF 221 INDIVIDUAL STUDIES
May be repeated for credit. In-depth study of a problem or topic related to information studies. Prerequisite: Consent of Instructor
• 27290

INF 321 INDIVIDUAL STUDIES
May be repeated for credit. In-depth study of a problem or topic related to information studies. Prerequisite: Consent of Instructor
• 27295

INF 322T CHILDREN'S LITERATURE
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.
• 27300 M 1200 - 300P SZB 296 JANSEN, B
• 27305 T 600 - 900P ROCCO, M
• 27310 W 600 - 900P SZB 330 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.
• 27315 OGLESBEE, K

INF 327E COMICS/GRAPHIC NOVELS/MANGA
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.
• 27320 TH 730 - 900P PAR 304 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.
• 27325 M 600 - 900P UTA 1.212 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.
• 27330
• 27335
• 27340 BLAHA, C
• 27345 BROUSSARD, R

INF 350C EVALUATION OF INTRCTIVE SYSTMS
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.
• 27350 TH 1200 - 300P UTA 1.502 GWIZDKA, J

INF 350E INFORMATION SECURITY
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.
• 27355 F 900 - 1200 UTA 1.212 HAYDEN, L

INTRO TO DIGITAL HUMANITIES
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 383H.
• 27360 T 300 - 600P UTA 1.210A CLEMENT, T

INTRO TO SCI DATA INFORMATICS
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 382R.
• 27365 TH 1200 - 300P UTA 1.212 ANDERSON, W

INTRODUCTION TO BLOCKCHAIN
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.
• 27370 HAYDEN, L

PERSONAL INFORMATICS
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.
• 27375 TH 900 - 1200 UTA 1.504 THOMAZ, E

INF 350G 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.
• 27380 T 600 - 900P UTA 1.212 CUNNINGHAM, S

TRUST/TRNSPRNCY INFO SOCTY
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.
• 27385 TH 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.
• 27390 M 300 - 600P UTA 1.208 ROY, L
• 27395 W 300 - 600P UTA 1.208 ACKER, A

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.
• 27400 TH 1200 - 300P UTA 1.208
• 27405 T 300 - 600P UTA 1.208 LEASE, M

INF 181 INDIVIDUAL STUDIES
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.
• 27410

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.
• 27415

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.
• 27420

Draft 1/20/18

course | unique | days | time | room | instructor

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.
• 27425

INF 381W ADV PROBS IN INFO STUDIES-WB
Hour(s) to be arranged. 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.
• 27430

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.
• 27435 M 600 - 900P UTA 1.212 KESSLER, A

INF 382R INTRO TO SCI DATA INFORMATICS
Introduction to the characteristics of scientific data and the emerging practices applied toward their management and preservation. Prerequisite: Graduate standing. meets with INF 350E.
• 27440 TH 1200 - 300P UTA 1.212 ANDERSON, W

INF 382S LIBRARY INSTRUCT/INFO LITERACY
Hour(s) to be arranged. History of instruction in information service settings; learning theory, including learning styles; professional organizations involved in supporting instruction; instructional delivery modes and materials; and evaluation. Prerequisite: Graduate standing. Information Studies 382D is strongly recommended.
• 27445 ROY, L

INF 383H INTRO TO DIGITAL HUMANITIES
A hands-on introduction to guiding infrastructural and institutional developments involved in digital scholarship. Areas of focus include archives, collection, and scholarly editions; data curation; funding; text encoding; tool building; scholarly publishing; and visualization. Information Studies 383H and 385T (Topic: Introduction to Digital Humanities) may not both be counted. Prerequisite: Graduate Standing. meets with INF 350E.
• 27450 T 300 - 600P UTA 1.210A CLEMENT, T

INF 384M THRYS/APPLICTNS OF METADATA
Course number may be repeated for credit when the topics vary. Principles and practices for describing information resources. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27455 T 900 - 1200 UTA 1.502 ACKER, A

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.
• 27460 T 300 - 600P UTA 1.502 ZHANG, Y
• 27465 TH 630 - 930P UTA 1.210A SEAY, A

INF 385G ADVANCED USABILITY
Designed to build upon the skills covered in Information Studies 385P. Individual project evaluating a Web site or other software user interface. Students devise a plan for testing, secure IRB approval to test human subjects, conduct study, analyze date, write a report, and present the results and conclusions. Prerequisite: Graduate standing and Information Studies 385P.
• 27470 M 300 - 600P UTA 1.504 BIAS, R

INF 385K PROJS HUMAN-COMPUTER INTERACTN
Restricted enrollment; contact the department for permission to register for this class. Projects based on theories of human-computer interaction design, modeling of computer users and interfaces, empirical techniques for analyzing systems and interfaces, interface design, and styles of interaction. Prerequisite: Graduate standing.
• 27475 W 1200 - 300P UTA 1.504 GWIZDKA, J

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.
• 27480 T 600 - 900P UTA 1.210A WALCZYK, C

DATABASE MANAGEMENT-WB
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.
• 27485 GUNN, S

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.
• 27490 DILLON, A
• 27495 W 1200 - 300P UTA 1.502 NORDQUIST, E

INF 385T APPLIED ENCRYPTION II
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.
• 27500 TH 900 - 1200 UTA 1.210B RILEY, W

CNCPTS/PRACTCS 3-D PRINTING
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.
• 27505 TH 300 - 600P UTA 1.506A RILEY, W

CRIT PRSP ON CULTRL DATA ANLYS
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 HIS 385P.
• 27510 M 300 - 600P UTA 1.210A CLEMENT, T

CROWDSOURCING CPU VISION
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 description: Explore "computer vision," the sub-discipline of artificial intelligence that tries to create computers that can "see." Use prior programming experience to examine fundamental and state of the ar t problems as they relate to computer vision.
• 27515 W 300 - 600P UTA 1.210A GURARI, D

DIGITAL ASSET MANAGEMENT
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.
• 27520 TH 300 - 600P UTA 1.502 FOSTER, M

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.
• 27525 W 900 - 1200 UTA 1.504 BAILEY, J

EXHBTS IN CULTRL INSTITUTNS
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.
• 27530 TH 1200 - 300P UTA 1.506B PAVELKA, K

FNDMNTL HUMAN/MCHNE INTERCT
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.
• 27535 M 1200 - 300P UTA 1.212 NORDQUIST, E

GENDER, TECHNOL, & INFORMATION
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.
• 27540 DOTY, P

IMPLMENTING LIBRARY IT SYSTEMS
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.
• 27545 TH 300 - 600P UTA 1.210B WALCZYK, C

INFORMATION SECURITY
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 350E.
• 27550 F 900 - 1200 UTA 1.212 HAYDEN, L

INTRODUCTION TO BLOCKCHAIN
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 350E.
• 27555 HAYDEN, L

METADATA GEN/INTERFC MAS DTSTS
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.
• 27560 KARADKAR, U

course unique days time room instructor

PERSONAL INFORMATICS
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 350E.
• 27565 TH 900 - 1200 UTA 1.504 THOMAZ, E

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.
• 27570 M 900 - 1200 UTA 1.212 NORDQUIST, E

TRUST/TRNSPRNCY INFO SOCTY
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.
• 27575 TH 1200 - 300P UTA 1.504 FLEISCHMANN, K

VIRTUAL ENVIRONMENTS
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.
• 27580 BAILEY, J

1-PRESENTING INFORMATION
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.
• 27585 T 900 - 1200 UTA 1.210A BAILEY, D

2-VISUALIZATION
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. Concepts, principles, strategies, techniques, and tools for the visual presentation of large, high-density, or complex information resources from a variety of disciplines such as the sciences, humanities, law, arts, and business. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27590 KARADKAR, U

9-DATA WRANGLING
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 working with data - reading a variety of formats, designing a database schema, and introductory programming skills for inserting, querying, and transforming of data. Information 385T (Topic: Data Wrangling Excel SQL Beynd) and 385T (Topic9) may not both be counted. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27595 TTH 1030 - 1200 UTA 1.210A HOWISON, J

INF 387C MANAGING INFO ORGANIZATIONS
Management theory, concepts, processes, and practices as applied to information agencies and systems. Prerequisite: Graduate standing.
• 27600 M 300 - 600P UTA 1.212 BAILEY, D

INF 388K 5-RARE BOOK/SPECIAL COLLECTNS
Course number may be repeated for credit when the topics vary. Mission, goals, and objectives of specific information settings. Administration of rare book and manuscript collections. Introduction to analytical bibliography. Prerequisite: Graduate standing; prerequisites may vary with the topic.
• 27605 TH 900 - 1200 HRC 3.212 BALLOU, J

6-LAW LIBRARIES
Course number may be repeated for credit when the topics vary. Mission, goals, and objectives of specific information settings. Overview of law librarianship, the discipline of law, and the culture ofthe legal environment, including the context in which law librarians, legal publishers, and other legal information professionals work. Prerequisite: Graduate standing; prerequisites may vary with the topic. meets with LAW 335L.
• 27610 W 1200 - 300P JON 2.206J BINTLIFF, B

INF 388L PROFESSNL EXPERIENCE & PROJECT
Offered on the credit/no credit basis only. 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 twenty-seven semester hours of coursework in the graduate program in information studies. Partially taught as a Web-based course. meets with INF 388R.
• 27615 W 1200 - 300P UTA 1.208
• 27620 TH 300 - 600P UTA 1.208

INF 388R PRACTICUM IN SCHOOL LIBRARIES
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. Fieldwork in varied school library settings under the supervision of qualified personnel. Prerequisite: Graduate standing; concurrent enrollment in Information Studies 181E, completion of at least twenty-seven semester hours of coursework in the graduate program in information studies, and consent of either the Assistant Dean for Student Affairs or the Associate Dean in the School of Information. Participants will not receive monetary compensation. Partially taught as a Web-based course. meets with INF 388L.
• 27625 W 1200 - 300P UTA 1.208
• 27630 TH 300 - 600P UTA 1.208

INF 188T INTSHP IN LIBS/OTH INFO AGENS
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. Supervised fieldwork. May not be counted toward any degree in the School of Information. Prerequisite: Graduate standing and consent of graduate adviser.
• 27635

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.
• 27640

INF 388T INTSHP IN LIBS/OTH INFO AGENS
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.
• 27645

INF 389J APPRAISAL & SELECTN OF RECORDS
Investigates the history, theory, and practice of selecting and appraising records information for permanent or quasi-permanent retention in an archival environment. Explores influences of other stakeholders on the selection and appraising process. Prerequisite: Graduate standing.
• 27650 M 1200 - 300P UTA 1.502 GALLOWAY, P

INF 389S INTRO ARCHIVAL ENTERPRISE II
Administrative and professional issues, including organizing the work ofa repository, management issues, marketing, space, law, and ethics. Prerequisite: Graduate standing.
• 27655 W 900 - 1200 UTA 1.204 TRACE, C

INF 391D 6-DIRECTED READINGS
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. 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.
• 27660

7-DIRECTED RESEARCH
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. 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.
• 27665

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.
• 27670 T 300 - 600P UTA 5.428 FLEISCHMANN, K

INF 391G DOCTORAL WRITING SEMINAR
May be repeated for credit. Intensive writing, critique, and rewriting to assist senior doctoral students with refining their research writing in preparation for qualifying papers, dissertation proposals, and formal publications. Prerequisite: Graduate standing and consent of instructor.
• 27675 DILLON, A

INF 392F RISK ASSMNT & COLLECTIONS MGMT
Agents of deterioration, including physical forces, security, disaster, and environmental conditions; risk assessment, strategies to reduce risk, and personal safety. Prerequisite: Graduate standing.
• 27680 TH 900 - 1200 UTA 1.506B PAVELKA, K

INF 392K DIGITAL ARCHIVING/PRESERVATION
Examines the permanent archiving of digital information. Covers media refreshment, emulation, migration, and electronic records repository construction and administration. Case study projects involving campus repositories and off-campus institutions. Students use legacy hardware and software and digital forensics tools to preprocess digital collections for repository storage. Also explores issues in long-term electronic records preservation. Prerequisite: Graduate standing and consent of instructor.
• 27685 TH 1200 - 300P UTA 1.210A GALLOWAY, P

INF 392L INTRO TO AUDIO PRES & REFORMAT
Designed to accommodate 35 or fewer students. Study of audio recording through a chronological examination of the development of recording; basic care and preserva-

tion of recordings; economics of audio preservation; and stability concerns of modern media. Prerequisite: Graduate standing. meets with INF 350G.
• 27690 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.
• 27695 W 1200 - 300P UTA 1.506B PAVELKA, K

11-TREATMENT TECHS BOUND MATLS
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.
• 27700 M 900 - 1200 UTA 1.506A ELDER, R

INF 397 STATISTICAL ANALYSIS/LEARNING
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 M E 397, EER 396, P A 397C.
• 27705 W 900 - 1200 SRH 3.122 RAI, V

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.
• 27710 M 1200 - 300P UTA 1.208 ZHANG, Y

INF 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 information studies, Information Studies 397C, and written consent of the graduate adviser; for 698B, Information Studies 698A and concurrent enrollment in Information Studies 181E.
• 27715

INF 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 information studies, Information Studies 397C, and written consent of the graduate adviser; for 698B, Information Studies 698A and concurrent enrollment in Information Studies 181E.
• 27720

INF 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 information studies, Information Studies 397C, concurrent enrollment in Information Studies 181E, and written consent of the graduate adviser.
• 27725

INF 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.
• 27730

INF 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.
• 27735

INF 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.
• 27740

INF 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: Information Studies 399R, 699R, or 999R.
• 27745

INF 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: Information Studies 399R, 699R, or 999R.
• 27750

INF 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: Information Studies 399R, 699R, or 999R.
• 27755

SCHOOL OF LAW

Law - LAW

LAW 421 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.
• 27810 TTH 900 - 1030 TNH 2.137 GOLDEN, J
W 100 - 215P TNH 2.137
• 27815 MTW 1030 - 1145 TNH 2.139 DAMMANN, J

LAW 423 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.
• 27820 MWF 900 - 1030 TNH 2.140 LAURIN, J
• 27825 MWF 1145 - 100P TNH 2.140 STRONG, G

LAW 427 TORTS
Additional hour(s) to be arranged. Limits of liability and methods of establishing liability for intentional and unintentional injuries to persons or property.
• 27830 MTWF 1030 - 1130 TNH 2.140 ROBERTSON, D
• 27835 MTW 215 - 330P TNH 2.137 WASSERMAN, M

LAW 431 PROPERTY
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.
• 27840 MWF 900 - 1030 TNH 3.142 KULL, A
• 27845 TTH 900 - 1030 TNH 3.142 JOHANSON, S
W 900 - 1030 TNH 2.137

LAW 331D REAL ESTATE DEVELOPMENT
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.
• 27850 RIDER, B

LAW 132C 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.
• 27855 W 1030 - 1230P JON 3.222 BROWNFIELD, M

ADV RESEARCH: CORP/SECURITIES
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. Prerequisite: Varies with topic.
• 27860 F 1030 - 1230P JON 3.222 ZHANG, L

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.
• 27865 TH 900 - 1100 JON 3.222 HILKIN, E

LAW 132D LEGAL WRITING IN PLAIN ENGLISH
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.
• 27870 FS 930 - 500P TNH 2.138 GARNER, B

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.
• 27875 M 345 - 545P TNH 3.115 SHARP, S
• 27880 T 545 - 745P TNH 3.115 PALIN, L

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.
• 27885 MW 345 - 545P TNH 2.123 DEROSE, Z
• 27890 TH 415 - 615P TNH 3.124 BORDEN, D

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.
• 27895 T 1030 - 1230P JON 6.207 KIMBOL, P
• 27900 TH 1030 - 1230P JON 6.207 KIMBOL, P

LAW 232H APPELLATE CLERKSHIP WRITING
Offered on the pass/fail basis only. Designed to familiarize students about to begin appellate clerkships with the writing and research skills expected of clerks, as well as provide a glimpse into the judicial process at the appellate level. Students will analyze briefs and record excerpts, write bench memos, and draft and edit opinions and dissents. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Appellate Clerkship Writing) and Law 232H, 332H, 432H may not both be counted. Prerequisite: Consent of instructor.
• 27905 TH 415 - 615P CCJ 3.306 GREENMAN, J

10/11/2018

course	unique	days	time	room	instructor

LAW 232S PERSUASIVE WRTG AND ADVOCACY

Introduction to advocacy in court. Focuses on legal research, writing mechanics, persuasive legal analysis, and oral argument before courts.

• 27910	TTH	900 - 1030	TNH 3.124	YOUNGDALE, E
• 27915	TTH	1030 - 1145	TNH 3.126	SCHAEFFER, A
• 27920	TTH	1030 - 1145	TNH 3.127	PETRIE, S
• 27925	MT	100 - 215P	TNH 3.124	SCHIESS, W
• 27930	MT	100 - 215P	TNH 3.125	ROBBI, N
• 27935	TTH	100 - 215P	JON 5.206	YOUNGDALE, E
• 27940	TTH	100 - 215P	TNH 2.123	BRIDGES, K
• 27945	TTH	100 - 215P	TNH 2.124	PERIS, S
• 27950	TTH	100 - 215P	TNH 2.138	MASON, L
• 27955	TTH	100 - 215P	TNH 3.127	SCHAEFFER, A
• 27960	MT	215 - 330P	TNH 3.124	SCHIESS, W
• 27965	MT	215 - 330P	TNH 3.125	ROBBI, N
• 27970	TTH	215 - 330P	TNH 2.123	BRIDGES, K
• 27975	TTH	215 - 330P	TNH 2.124	PERIS, S
• 27980	TTH	215 - 330P	TNH 2.138	MASON, L

PERSUASIVE WRTG AND ADVOCACY

Additional hour(s) to be arranged. Introduction to advocacy in court. Focuses on legal research, writing mechanics, persuasive legal analysis, and oral argument before courts.

• 27985	TTH	100 - 215P	TNH 3.126	PETRIE, S

LAW 433 CIVIL PROCEDURE

Introduction to the civil adjudicative process, primarily that of the federal courts, including jurisdiction, pleading, dispositive motions, discovery, and trial procedure.

• 27990	MTWTH	900 - 1000	TNH 2.138	BONE, R
• 27995	MTWTH	1030 - 1130	TNH 2.138	WOOLLEY, P

LAW 434 CONSTITUTIONAL LAW I

Distribution of powers between federal and state governments; constitutional limitations on and judicial review of governmental action.

• 28000	MW	215 - 415P	TNH 2.138	ALBERT, R

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.

• 28005	MW	1030 - 1145		FRANKLIN, C
	F	1145 - 100P		

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.

• 28010	M	345 - 630P	JON 5.202	BALL, C

LAW 235G READING GRP: START/MANAGE PRAC

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.

• 28015	W	345 - 545P	TNH 3.126	JORDAN, D

LAW 335L LAW LIBRARIES

An overview of law librarianship and the legal information environment. Designed to convey an understanding of the context in which law librarians, legal publishers, and other legal information professionals work. Introduces students to the organization and communication of legal information and the particular roles and responsibilities of legal information providers and institutions. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Law Libraries) and Law 235L, 335L, 435L may not both be counted. meets with INF 388K (TOPIC 6).

• 28020	W	1200 - 300P	JON 2.206J	BINTLIFF, B

LAW 235P RDG GRP: LAW'S 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.

• 28025	W	345 - 545P		

LAW 339 JURISPRUDENCE

Underlying problems in the functioning of a legal order; legal definition and justice as factors in decision making; discovery and interpretation of authority; rights and privileges of the person relative to society and government; conditions for imposing legal responsibility on a person; procedures for decision making; the relationship between law and the market in economic decision making.

• 28030	TWTH	900 - 1000	JON 5.206	POWERS, W

LAW 439 JURISPRUDENCE

Designed to accommodate 35 or fewer students. Underlying problems in the functioning of a legal order; legal definition and justice as factors in decision making; discovery and interpretation of authority; rights and privileges of the person relative to society and government; conditions for imposing legal responsibility on a person; procedures for decision making; the relationship between law and the market in economic decision making.

• 28031	TWTH	1030 - 1145	JON 5.206	POWERS, W

LAW 340 FAMILY LAW

Legal problems related to the establishment, dissolution, and reorganization of family relationships, including marriage, divorce, annulment, alimony and child support, custody, and injuries to family relations.

• 28035	MW	900 - 1030	TNH 3.124	WILLIAMS, S

LAW 440M ANTITRUST: ECON ANLY/LEGAL INT

Hour(s) to be arranged. An examination of the business functions and competitive impact of practices that are subject to antitrust regulation to determine their legality under United States antitrust laws.

• 28040				MARKOVITS, R

LAW 341G SPORTS LAW

An amalgam of contracts, antitrust, and labor law as they affect professional and collegiate sports in the United States. Emphasis on issues affecting professional team sports. Individual and college (especially Title IX) sports and the regulation of agents. Course is best taken during the student's third year. Prerequisite: Knowledge of baseball, basketball, and football are required. Law 260K, 360K, or 460K and Law 261K, 361K, or 461K are recommended.

• 28045	MTW	800 - 900	TNH 3.126	POWE, L

LAW 341L ENVMNTL LAW: AIR & WATER

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with topic.

• 28050	MTW	115 - 215P	JON 6.207	MCGARITY, T

LAW 342M BANKRUPTCY

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.

• 28055	MTW	115 - 215P	TNH 3.142	WESTBROOK, J

LAW 444 INTERNATL BUSINESS TRANSACTNS

Additional hour(s) to be arranged. Problems confronting exporters, importers, and firms doing business abroad; emphasizes American and foreign tariff, antitrust, corporation, and arbitration law, and the European Union.

• 28060	MTTH	215 - 330P	TNH 2.140	HANSEN, P

LAW 345D CONSUMER PROTECTION (DTPA)

Additional hour(s) to be arranged. Overview of the primary common law causes of action available to purchasers of real property, goods, and services. Case law under the Texas Deceptive Trade Practices Act and Article 21.21 of the Texas Insurance Code.

• 28065	M	345 - 645P	TNH 3.124	NEWBURGER, M

LAW 346K NEGOTIATION

An exploration, largely through simulated exercises, of the lawyer's role in the negotiation of transactions.

• 28070	T	345 - 645P	TNH 3.127	SCHLESS, M

NEGOTIATION

Hour(s) to be arranged. Designed to accommodate 35 or fewer students. An exploration, largely through simulated exercises, of the lawyer's role in the negotiation of transactions.

• 28075				LASS, J

NEGOTIATION

Designed to accommodate 35 or fewer students. An exploration, largely through simulated exercises, of the lawyer's role in the negotiation of transactions.

• 28080	MT	900 - 1030	TNH 3.127	JURY, J

LAW 348D AMERICANS WITH DISABILITIES

Designed to accommodate 35 or fewer students. The history of disability law, the trends in federal rulings, and emerging issues as Congress debates new legislation related to persons with disabilities. meets with P A 388K, ELP 394K.

• 28085	T	345 - 645P	TNH 2.140	CANTU, N

LAW 348E INTERNATIONAL HUMAN RIGHTS LAW

Additional hour(s) to be arranged. 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.

• 28090	W	345 - 645P		

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.

• 28095	MTW	1030 - 1145		

LAW 350K COPYRIGHT

Hour(s) to be arranged. Literary and artistic property, the law related to trade identity, and other rules of the competitive game.

• 28100				BRACHA, O

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.

• 28105	MWTH	215 - 315P		

AUG 1/2018

course unique days time room instructor

LAW 350R PATENT LITIGATION
Hour(s) to be arranged. Analysis of the case law and statutes governing patent enforcement, and comparison with the most recent decisions of the US Court of Appeals forthe Federal Circuit. Includes study of infringement and remedies. Prerequisite: Law 250P, 350P, or 450P is recommended but not required.
• 28110 HURT, C

LAW 250T PATENT PROSECUTION WORKSHOP
Offered on the pass/fail basis only. An overview of the rules of practice before the Patent and Trademark Office, and an introduction to the practical considerations in preparingand prosecuting a patent application. Prerequisite: Law 250P, 350P, or 450P, or concurrent enrollment in Law 250R or 350R.
• 28115 W 345 - 545P TNH 3.142 KRAWZSENEK, M

LAW 351K CRIM PROCEDURE: INVESTIGATION
Additional hour(s) to be arranged. Rules governing police conduct and the effect of these rules on admission of evidence; search and seizure, lineups, confessions, and similar matters.
• 28120 MT 215 - 330P TNH 3.142 STRONG, G

LAW 353L ECON EFFICIENCY ANALYSIS
Addresses the economically efficient ways to forecast and analyze the economic efficiency of a choice in economies that contain imperfections and inconsistencies.
• 28125 MTW 900 - 1000

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).
• 28130 TH 330 - 630P RRH 4.416 CUNNINGHAM, W

LAW 354J FEDERAL INCOME TAXATION
An overview of the federal income tax, mostly as it applies to individuals.
• 28135 MTW 900 - 1000

LAW 454J FEDERAL INCOME TAXATION
Additional hour(s) to be arranged. An overview of the federal income tax, mostly as it applies to individuals.
• 28140 MTW 1030 - 1145 TNH 2.123 MORSE, S

LAW 354Q PARTNERSHIP TAX
Hour(s) to be arranged. Prerequisite: Law 254J, 354J, 454J, 554J, 254N, or 354N. Law 274K, 374K,474K, or 574K and a course in corporate income tax are recommended.
• 28145 BOWERS, W

LAW 354R CORPORATE TAX
Hour(s) to be arranged. Examines taxation of corporations and their shareholders. Students should be familiar with basic concepts of taxable income including basis, calculation of gain and loss, capital gains, and treatment of nonrecognition transactions. Representative transactions covered include the formation of a corporation, distributions to shareholders, redemptions of stock, liquidations of corporations, and corporate reorganizations. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Corporate Tax) and Law 254R, 354R, 454R may not both be counted. Prerequisite: Law 254J, 354J, 454J, 554J, 254N, 354N, 254P, or 354P.
• 28150 JOHNSON, C

LAW 454R CORPORATE TAX
Designed to accommodate 35 or fewer students. Examines taxation of corporations and their shareholders. Students should be familiar with basic concepts of taxable income including basis, calculation of gain and loss, capital gains, and treatment of nonrecognition transactions. Representative transactions covered include the formation of a corporation, distributions to shareholders, redemptions of stock, liquidations of corporations, and corporate reorganizations. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Corporate Tax) and Law 254R, 354R, 454R may not both be counted. Prerequisite: Law 254J, 354J, 454J, 554J, 254N, 354N, 254P, or 354P.
• 28155 TWTH 215 - 315P JON 5.201 JOHNSON, C

LAW 254U FED INC TAX OF TRUSTS/ESTATES
Hour(s) to be arranged. Federal income taxation of estates, trusts, grantors, and beneficiaries,as prescribed by subchapter J of the Internal Revenue Code. Prerequisite: Law 254J, 354J, 454J, or 554J.
• 28160 ASCHER, M

LAW 354U FED INC TAX OF TRUSTS/ESTATES
Federal income taxation of estates, trusts, grantors, and beneficiaries,as prescribed by subchapter J of the Internal Revenue Code. Prerequisite: Law 254J, 354J, 454J, or 554J.
• 28165 MTW 215 - 315P

LAW 355L HIGHER EDUCATION AND THE LAW
Academic freedom and tenure; related constitutional issues; employment discrimination and collective bargaining in the university context.
• 28170 TWTH 1030 - 1130

LAW 360K ANTITRUST
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.
• 28175 MT 900 - 1030 JON 6.207 WICKELGREN, A

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.
• 28180 WTHF 900 - 1000 TNH 3.127

LAW 461 ADMINISTRATIVE LAW
Hour(s) to be arranged. 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.
• 28185 ADELMAN, D

LAW 361J EMPLOYMENT LAW
An examination of legal doctrines governing employment relations outsidethe collective bargaining arena: development of the common law doctrine of at-will employment, the doctrine of free market control of employment, and problems raised by new employee rights, including affirmative action, pregnancy disability, and comparable worth.
• 28190 MW 1145 - 115P TNH 3.126 DURST, P

LAW 462L REMEDIES
Additional hour(s) to be arranged. Compensatory, restitutionary, and exemplary damages for breach of contract or for injury of personal and property interests; injunctions and other equitable relief.
• 28195 MTW 1030 - 1145 TNH 3.124

LAW 362L REMEDIES
Designed to accommodate 35 or fewer students. Compensatory, restitutionary, and exemplary damages for breach of contract or for injury of personal and property interests; injunctions and other equitable relief.
• 28196 MTW 115 - 215P JON 5.206 LAYCOCK, H

LAW 269 INSURANCE
Solicitation and sale of insurance; persons and interests protected by insurance; selection and control of risks; disposition of claims.
• 28200 TW 800 - 1015 JON 6.257 AVRAHAM, R

LAW 370M CRIM PROCEDURE: PROSECUTION
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.
• 28205 TTH 215 - 330P TNH 3.127

LAW 371V CRISIS MANAGEMENT
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 MAN 385, P A 383C.
• 28210 F 900 - 1200 SRH 3.122 INMAN, B

LAW 272P FINANCIAL MTHDS FOR LAWYERS
Hour(s) to be arranged. 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.
• 28215 LENDECKY, B

LAW 274J MERGERS AND ACQUISITIONS
Additional hour(s) to be arranged. Legal issues involved in the acquisition of business enterprises by multinational corporations: initial negotiations, documentation, financial structuring of the purchase, and sale of business enterprises.
• 28220 T 215 - 400P TNH 3.126 CALDER, A

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).
• 28225 MTWTH 1030 - 1130 TNH 3.142 SOKOLOW, D

LAW 374R 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.
• 28230 M 345 - 500P JON 6.206
T 345 - 500P JON 5.206

LAW 376L WATER LAW
Additional hour(s) to be arranged. Judicial, legislative, and administrative problems in water resources development, allocation, and control. meets with GEO 391, P A 388K.
• 28235 TTH 215 - 330P JON 5.206 COHEN, J

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.
• 28240 MW 1145 - 115P TNH 3.140 GONZALEZ, D

draft 10/21/2016

course	unique	days	time	room	instructor

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.

course	unique	days	time	room	instructor
•	28245	M	600 - 900P	CCJ 3.310	SHEPPERD, E
•	28250	M	600 - 900P	CCJ 3.312	NISHIMURA, C
•	28255	M	600 - 900P	CCJ 3.334	KELLY, C
•	28260	M	600 - 900P	CCJ 3.336	LEIN, D
•	28265	W	600 - 900P	CCJ 3.302	WILLIAMS, A
•	28270	W	600 - 900P	CCJ 3.310	THOMAS, S
•	28275	W	600 - 900P	CCJ 3.312	WILLIAMS, A
•	28280	W	600 - 900P	CCJ 3.334	MUNSON, S
•	28285	W	600 - 900P	CCJ 3.336	BLEDSOE, M

LAW 476P TEXAS CIVIL PROCEDURE: SURVEY

A survey of the rules governing civil litigation in the Texas state courts, including pleadings, forum selection, discovery, summary judgment, jury charge, judgments, appeals, and settlements. Only one of the following may be counted: Law 376C, 376D, 276P, 376P, 476P.

course	unique	days	time	room	instructor
•	28290	MTWTH	900 - 1000	TNH 3.125	MCCOWN, F

LAW 376T TX CIV LIT: PRETRIAL/TRL STRAT

Offered on the pass/fail basis only. Preparation of a civil case for trial, including ethical considerations and client relations, preparation of pleadings, preparation of discovery requests and responses to discovery requests, taking depositions, handling experts, evaluation of cases, and final trial preparation.

course	unique	days	time	room	instructor
•	28295	TH	215 - 515P	TNH 2.139	INCERTO, M

LAW 476W ADVOC PRAC/THRY FOR NEW MILLEN

Offered on the pass/fail basis only. For students who have mastered the basic advocacy skills and will focus on cutting edge advocacy theories and techniques. Study centers on recent developments in behavioral science, communication, psychology, and technology.

course	unique	days	time	room	instructor
•	28300	MT	115 - 315P	TNH 3.140	MCCORMACK, T

LAW 377D MARITIME INJURIES LITIGATION

Hour(s) to be arranged. A review of recent important decisions dealing with the rights of maritime workers, harbor workers, and others injured under circumstancesof potential admiralty jurisdiction. Prerequisite: Law 277, 377, or 477.

course	unique	days	time	room	instructor
•	28305				ROBERTSON, D

LAW 378J DOMESTIC VIOLENCE AND THE LAW

Additional hour(s) to be arranged. Social and historical context of battering; related civil and criminal law issues; alternative procedural frameworks and legislative reforms; state-of-the-art court programs working to combat domestic violence.

course	unique	days	time	room	instructor
•	28310	W	1030 - 115P	JON 5.206	MARTINSON, E

LAW 378N TEXAS CRIM PROCEDURE: PRETRIAL

Hour(s) to be arranged. The statutory law and appellate case law related to pretrial criminal court procedure in Texas. Prerequisite: Law 251K, 351K, 270M, or 370M.

course	unique	days	time	room	instructor
•	28315				SHEPPARD, 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.

course	unique	days	time	room	instructor
•	28320	M	345 - 615P	TNH 2.124	STEIKER, J

LAW 179M INTNL LAW OF CYBER CONFLICT

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.

course	unique	days	time	room	instructor
•	28325	FS	930 - 500P	TNH 3.125	SCHMITT, M

RELIGIOUS LIBERTY

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.

course	unique	days	time	room	instructor
•	28327				YOUNG, E

SPACE LAW

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.

course	unique	days	time	room	instructor
•	28330				

TPCS THEORY/PRACT OF ARBITRATN

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.

course	unique	days	time	room	instructor
•	28335				BONE, R

WATER FOR EVERYONE WORKSHOP

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 GEO 191, P A 188G.

course	unique	days	time	room	instructor
•	28340	W	630 - 815P	JON 6.257	COHEN, J

LAW 279M ADVOCACY OUTSIDE COURTROOM A

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.

course	unique	days	time	room	instructor
•	28345	W	1200 - 300P	CCJ 3.306	GOLDEN, M

CONSTITUTIONAL LAW

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. Topic title: Public policy issues, climate change & the renewable electric industry. Restricted to students in the Master of Laws program.

course	unique	days	time	room	instructor
•	28350	F	1030 - 1230P	TNH 3.114	PERRY, H

CRNT ISSUES/IN HOUSE PRAC

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.

course	unique	days	time	room	instructor
•	28355	TH	215 - 415P	TNH 3.128	BLOUNT, S

EMINENT DOMAIN & PRIVATE PROP

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.

course	unique	days	time	room	instructor
•	28360	M	345 - 545P	TNH 2.140	ELLIS, L

INTL ARBITRATN: PRACTCL SKILLS

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.

course	unique	days	time	room	instructor
•	28365	M	900 - 1100	JON 6.206	GOLDBERG, M

THE GREAT WRIT

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.

course	unique	days	time	room	instructor
•	28367	W	545 - 745P		OLDHAM, A

TPCS THEORY/PRACT OF ARBITRATN

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.

course	unique	days	time	room	instructor
•	28370	MW	1030 - 1130	TNH 3.126	BONE, R

LAW & SOCIAL MEDIA

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.

course	unique	days	time	room	instructor
•	28375	F	1030 - 1230P	TNH 3.124	GARCIA, R

OIL AND GAS, ADVANCED

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.

course	unique	days	time	room	instructor
•	28380				SMITH, E

PRCTCL LAWYERING/COUNSELING

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.

course	unique	days	time	room	instructor
•	28385	TH	415 - 615P		THOMAS, C

PRIVACY LAW: PERSNL DATA US/EU

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.

course	unique	days	time	room	instructor
•	28390	F	1030 - 1230P	JON 5.206	HUFFMAN, B

TECHNOLOGY TRANSACTIONS

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.

course	unique	days	time	room	instructor
•	28395	TH	215 - 415P		

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.

course	unique	days	time	room	instructor
•	28400	M	115 - 315P	TNH 3.129	WEINBERG, L

SUPREME COURT B

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.

course	unique	days	time	room	instructor
•	28405	T	115 - 315P	TNH 3.129	WEINBERG, L

10/11/2018

course unique days time room instructor

TELECOM LAW AND POLICY
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.
• 28410 COSGROVE, J

TEXAS ENERGY 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.
• 28415 T 530 - 745P TNH 3.124 SMITHERMAN, B

TRANSACTIONS
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.
• 28417 ORTMAN, D

VENTURE CAPITAL
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.
• 28420 M 345 - 545P TNH 3.142 GANOR, M

LAW 379M AMER STRUGGLING MID CLASS
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, ELP 394K.
• 28425 TTH 215 - 330P TNH 2.140 DICKERSON, M

ANIMAL 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.
• 28430 TH 100 - 330P TNH 3.129 REVELEY, D

ART/CULTURAL PROPERTY LAW
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.
• 28435 FIELDER, L

BUSINESS LAW WORKSHOP
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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28440 GANOR, M

CITY ATTORNEY LAW
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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28445

CORE READINGS IN PUBLIC 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 be counted unless the topics vary. Prerequisite: Varies with topic. meets with GOV 384N.
• 28455 T 330 - 630P BAT 1.104 PERRY, H

ENERGY LAW: REG ENERGY MKTS
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 be counted unless the topics vary. Prerequisite: Varies with topic. meets with LEB 380 (TOPIC 39), EER 396, P A 388K.
• 28460 MW 1145 - 115P TNH 2.138 SPENCE, D

ENVRNMNTL LAW/PUBLIC HEALTH
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 be counted unless the topics vary. Prerequisite: Varies with topic. meets with CRP 383 (TOPIC 12).
• 28465 MW 1230 - 200P SUT 3.112 RAWLINS, R

HEALTHCARE LAW & 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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28470 MW 1145 - 115P TNH 3.127 SILVER, C

INTL INVESTOR/STATE 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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28475 M 345 - 700P JON 6.257 TYLER, T

course unique days time room instructor

NONPROFIT LAW
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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28480 MW 1145 - 115P TNH 2.139

LAW/FIN/SCI: GLBL ENERGY
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 be counted unless the topics vary. Prerequisite: Varies with topic. meets with EER 396.
• 28485 W 345 - 630P TNH 3.124 ANDERSON, O

LAW/POL IN BIOPHARM INDSTRY
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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28490 WASSERMAN, M

NTL SEC LAW/INTEL COMMUNITY
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 be counted unless the topics vary. Prerequisite: Varies with topic. meets with P A 380L.
• 28495 TW 900 - 1030 TNH 3.125 CHESNEY, R

NTL SEC LAW/DETENTN/TRTMNT
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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28500 MW 215 - 330P TNH 2.124 VLADECK, S

PRESERVATION LAW
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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28506

TECHNOLOGY TRANSACTIONS
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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28510 TH 415 - 615P

CAP PUNISHMENT: ADVANCED
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 be counted unless the topics vary. Prerequisite: Varies with topic. Topic description: Examines the issue of race within American law and jurisprudence in a historical and contemporary context. Analyzes intersection of race, ethnicity, gender, and class. Discussion and analysis of la w and cases through lens of critical race theory.
• 28515 MW 1145 - 115P JON 6.207 SCHONEMANN, R

RESTORATIVE JUSTICE
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 be counted unless the topics vary. Prerequisite: Varies with topic. Class meets January 25-February 23. meets with S W 393U (TOPIC 18).
• 28520 F 530 - 830P SSW 2.122 ARMOUR, M
S 900 - 530P SSW 2.122

SPECIAL EDUCATION LAW
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 be counted unless the topics vary. Prerequisite: Varies with topic.
• 28525 WOOD, L

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 be counted unless the topics vary. Prerequisite: Varies with topic. meets with ACC 384 (TOPIC 4).
• 28530 TTH 1230 - 200P CBA 4.304 SINGER, S

TERROR/CONSENT: CONST/INTL 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 be counted unless the topics vary. Prerequisite: Varies with topic. meets with P A 388K.
• 28535 TTH 545 - 800P TNH 2.123 BOBBITT, P

TEXAS VENTURE LABS PRACTICUM
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 be counted unless the topics vary. Prerequisite: Varies with topic. meets with MAN 385, E M 397, ASE 396, M E 397.
• 28540 M 330 - 630P RRH 3.406 ADAMS, R

10/11/2018

course	unique	days	time	room	instructor

TPCS CRIM JUSTICE OVERSIGHT
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.
• 28545 LAURIN, J

LAW 179P ADV SKILLS: CRIMINAL COURT
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.
• 28550 TH 1030 - 1230P TNH 3.125 BLEDSOE, M

IMMGRTN CONSQ/CRIM CONDUCT
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.
• 28555 W 345 - 545P STEGLICH, E

EMERGING SKILLS: LITIGATORS
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.
• 28560 TH 1030 - 1230P HORTON, B

CRIMINALIZATION OF POVERTY
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.
• 28565 TH 615 - 815P STEIKER, C

LGL SPANSH/PRACTICNG ATTRNY
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.
• 28570 T 600 - 700P TNH 3.126 TREVINO, C

NARRATION/PROB SOLVING FOR LIT
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.
• 28575 MW 600 - 900P TNH 3.140 MCCORMACK, T

SUSTAINING ORBITAL ACTIVITY
Hour(s) to be arranged. 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.
• 28580 HOWARD, D

LAW 279P ADVOCACY OUTSIDE COURTROOM B
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. 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.
• 28585 TH 115 - 215P CCJ 3.306 GOLDEN, M

IMGRTN CONSEQNCS OF CRIM CNDCT
Hour(s) to be arranged. 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.
• 28590 STEGLICH, E

PREP FOR FED DSTRCT CLRKSHP
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.
• 28595 W 345 - 545P TNH 3.129 AUSTIN, A

MERGERS AND ACQUISITIONS
Hour(s) to be arranged. 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.
• 28600 CALDER, A

TRANSACTNL PRACTICE SKILLS
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.
• 28605 TH 415 - 715P
W 900 - 1000

LAW 379P CAP PUNISHMENT: ADVANCED
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. 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.
• 28610 TTH 215 - 330P JON 6.257 SCHONEMANN, R

LAW 380C PAYMENT SYSTEMS
Hour(s) to be arranged. Covers Articles 3, 4, 5, and 7 of the Uniform Commercial Code. Deals primarily with payment systems.
• 28615 KULL, A

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.
• 28620 MW 1145 - 115P TNH 3.142 LITTWIN, A

LAW 381C CON LAW II: RGTS-BASED LITIGAT
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.
• 28625 MTW 1030 - 1130 TNH 3.129 WEINBERG, L

CONST LAW II: CONST DESIGN
Designed to accommodate 35 or fewer students. 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.
• 28630 TTH 215 - 330P LEVINSON, S

CONST LAW II: CONST INTERP
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.
• 28635 TTH 900 - 1030 JON 6.206 BOBBITT, P

CONST LAW II: DUE PROC & EQUAL
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. Topic title: Constitutional law II: Equal protection, race discrimination.
• 28640 TTH 215 - 330P JON 6.207

CONST LAW II: ELECTION LAW
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.
• 28645 MW 215 - 330P TNH 3.127 FISHKIN, J

CONST LAW II: FREE SPEECH
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.
• 28650 RABBAN, D

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.
• 28655 WTH 215 - 330P TNH 3.124 VAN GINKEL, E

LAW 381S MEDIATION
Skills and techniques needed for effective negotiation and mediation.
• 28660 M 345 - 645P TNH 3.125 SCHLESS, M

MEDIATION
Additional hour(s) to be arranged. Skills and techniques needed for effective negotiation and mediation.
• 28665 M 215 - 330P JON 6.207 JURY, J
T 215 - 330P JON 6.206

LAW 282 CONFLICT OF LAWS
Treatment of claims concerning breach of contract, tortious injury of person or property, ownership of land or chattels, and status, where the claims involve facts foreign to the adjudicating state; jurisdiction and enforcement of foreign judgments.
• 28670 MTWTH 900 - 1000 TNH 3.129 WOOLLEY, P

LAW 382G INTERNATIONAL LAW
Additional hour(s) to be arranged. Survey of the history and major principles of international law including sources and subjects of international law, the law and interpretation of treaties, the relationship between international law and United States law, and the peaceful resolution of disputes. Also examines a number of specific subjects including human rights, humanitarian law, international criminal law, and the use of force.
• 28675 WTH 215 - 330P TNH 3.142 JINKS, D

LAW 382N COMPARATIVE LAW
Nature and functions of the comparative study of law; study in detail ofhistory, territorial expansion, and basic features of the civil law.
• 28680 MTW 1030 - 1130 TNH 3.115

10/11/2018

course | unique | days | time | room | instructor

LAW 382T INTERNATL BUSINESS LITIGATION
Hour(s) to be arranged. Resolution of disputes from transnational business transactions. International arbitration, gathering evidence abroad, and enforcement ofjudgments transnationally.
• 28685 WESTBROOK, J

LAW 383 EVIDENCE
Principles and rules governing admissibility and relevance of evidence in trial courts; qualification, privileges, and examination of witnesses; burden of proof and presumptions.
• 28690 MWTH 1030 - 1130 TNH 3.140

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.
• 28695 TWTH 900 - 1030 TNH 2.139 GOODE, S

EVIDENCE
Hour(s) to be arranged. Principles and rules governing admissibility and relevance of evidence in trial courts; qualification, privileges, and examination of witnesses; burden of proof and presumptions.
• 28700 MCCORMACK, T

LAW 384N SECURITIES REGULATION
Federal and state regulation of the distribution of, and trading in, securities, with particular emphasis on problems of coverage and administration of the Securities Act of 1933, the Securities and Exchange Act of 1934, and the Investment Company Act of 1940. Prerequisite: Law 274K, 374K, 474K, or 574K.
• 28710 MTW 800 - 900 TNH 2.124 HU, H

LAW 285 PROFESSIONAL RESPONSIBILITY
The lawyer's responsibility in making and administering the law; the codes of ethics and problems of professional conduct.
• 28715 WTH 800 - 900 TNH 3.124 WOOD, L

LAW 385 PROFESSIONAL RESPONSIBILITY
Additional hour(s) to be arranged. The lawyer's responsibility in making and administering the law; the codes of ethics and problems of professional conduct.
• 28720 MW 1145 - 115P TNH 2.123 SILVER, C
• 28725 MW 215 - 330P TNH 2.123 HAYNES, K

PROFESSIONAL RESPONSIBILITY
Hour(s) to be arranged. The lawyer's responsibility in making and administering the law; the codes of ethics and problems of professional conduct.
• 28730 SAGE, W

LAW 486 FEDERAL COURTS
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.
• 28735 MW 545 - 745P

FEDERAL COURTS
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.
• 28740 MWF 1030 - 1145 TNH 3.127 VLADECK, S

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.
• 28745 MTTH 900 - 1015
• 28750 MTTH 1030 - 1145 TNH 2.124 ASCHER, M

LAW 390 OIL AND GAS
Additional hour(s) to be arranged. 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.
• 28755 MW 215 - 330P BECKWORTH, J

LAW 390E OIL AND GAS TAXATION
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. An analysis of the United States federal income taxation of domestic oil and gas operations and transactions. Examines taxation associated with the operational life cycle of oil and gas operations including exploration, development, production, and abandonment, as well as transactions involving oil and gas interests analysis acquisition, disposition, structuring and investment. Law 179M, 279M, 379M, 479M, 579M, 679M (Topic: Oil and Gas Taxation) and Law 290E, 390E, 490E may not both be counted. meets with ACC 384 (TOPIC 9).
• 28760 T 345 - 630P TNH 2.124 SPELLINGS, J

LAW 396K LEGISLATION
Hour(s) to be arranged. Roles of persons, institutions, courts, administrative agencies, and legislatures in lawmaking; interpretation of legislation; decision making and legal advocacy in the legislative process; drafting of legislation.
• 28765 NELSON, J

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.
• 28770 TH 215 - 445P JON 6.203 MCCOWN, F

CLIN PROG: CRIM DEF CLIN-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.
• 28775 TH 415 - 615P TNH 3.127

LAW 497C CLIN PROG: CAPITAL PUNISHMENT
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.
• 28780 W 345 - 545P CCJ 3.306 MARCUS, J

CLIN PROG: HOUSING
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. Taught at Texas Rio Grande Legal Aid 4920 N IH-35 in Austin, Texas.
• 28785 T 345 - 545P FUCHS, F

LAW 697C CLIN PGM: CRIM DEFENSE-CENT
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. Practical experience in different areas of law. Topics to be announced. Prerequisite: Varies with topic.
• 28789 TH 415 - 615P TNH 3.140 ROBERTS, W

CLIN PROG: ACTUAL INNOCENCE
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.
• 28790 T 115 - 315P TNH 3.114 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.
• 28795 TTH 215 - 330P CCJ 3.306 NATARAJAN, R

CLIN PROG: DOMESTIC VIOLENCE
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.
• 28800 T 215 - 445P JON 5.208

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.
• 28805 TH 900 - 1000 CCJ 3.306 WAY, H
M 215 - 415P CCJ 3.306

CLIN PROG: ENVIRONMENTAL
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.
• 28810 TH 215 - 415P JON 5.208 HARAGAN, K

CLIN PROG: HMN RGTS
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.
• 28815 MW 215 - 330P TNH 3.114 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.
• 28820 TTH 345 - 515P TNH 3.129 GILMAN, D

CLIN PROG: JUVENILE JUSTICE
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.
• 28825 TW 215 - 330P TNH 3.115 SIGMAN, P

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.
• 28830 TTH 215 - 330P JON 6.202 BRADY, H

CLIN PROG: MENTAL HEALTH
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.
• 28835 MW 345 - 515P TNH 4.110 CHURGIN, M

CLIN PROG: SUPREME COURT
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.
• 28840 STURLEY, M

course	unique	days	time	room	instructor

CLIN PROG: TRANSNATL WRKR RTS
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.

course	unique	days	time	room	instructor
	• 28845	TH	415 - 615P		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.

course	unique	days	time	room	instructor
	• 28850				MCCOWN, F
	• 28855				MCCOWN, F

CLIN PROG: PRAC SKL-CRIM DEF
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.

course	unique	days	time	room	instructor
	• 28860				
	• 28865				

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.

course	unique	days	time	room	instructor
	• 28870				

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.

course	unique	days	time	room	instructor
	• 28875				

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.

course	unique	days	time	room	instructor
	• 28880				

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.

course	unique	days	time	room	instructor
	• 28885				

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.

course	unique	days	time	room	instructor
	• 28890				

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.

course	unique	days	time	room	instructor
	• 28895				

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.

course	unique	days	time	room	instructor
	• 28900				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.

course	unique	days	time	room	instructor
	• 28902				

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.

course	unique	days	time	room	instructor
	• 28905				

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.

course	unique	days	time	room	instructor
	• 28910				KLEIN, S

LAW 397P — INTRNSHP: LEGISLATIVE
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.

course	unique	days	time	room	instructor
	• 28915				WOOD, L

LAW 497P — INTRNSHP: NONPROFIT
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. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.

course	unique	days	time	room	instructor
	• 28920	M	115 - 245P	JON 5.206	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.

course	unique	days	time	room	instructor
	• 28925	T	345 - 515P	CCJ 3.306	CROUTER, M

INTRNSHP: GOVERNMENT
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. Internship under the supervision of a faculty member. Prerequisite: Varies with topic.

course	unique	days	time	room	instructor
	• 28930	M	215 - 330P	JON 5.208	GAEBLER, H

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.

course	unique	days	time	room	instructor
	• 28933				

LAW 597P — INTRNSHP: PROSECUTION
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.

course	unique	days	time	room	instructor
	• 28934	W	545 - 745P		KEPPLE, R

LAW 897P — 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.

course	unique	days	time	room	instructor
	• 28935				

LAW 397S — SMNR: AQUINAS: TREATISE ON LAW
Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth. meets with GOV 382M, PHL 387.

course	unique	days	time	room	instructor
	• 28937	M	1000 - 100P	JES A215A	BUDZISZEWSKI, J

SMNR: CLMT CHNG/ENTRPRNRLSM
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.

course	unique	days	time	room	instructor
	• 28940	M	545 - 745P	TNH 3.129	BOWMAN, A

SMNR: ADV ADMIN PRACTICE
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.

course	unique	days	time	room	instructor
	• 28945	W	345 - 545P		DE LEON, H

SMNR: ART/CULTURAL PROP 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.

course	unique	days	time	room	instructor
	• 28950	M	345 - 545P	JON 5.208	FIELDER, L

SMNR: BEHAVIORAL LAW AND ECON
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.

course	unique	days	time	room	instructor
	• 28955				WILLIAMS, S

SMNR: BUSN/REG ASP OF HLTH 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.

course	unique	days	time	room	instructor
	• 28960	TH	415 - 615P	TNH 3.114	BELL, J

SMNR: BUSINESS LAW 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.

course	unique	days	time	room	instructor
	• 28965	M	345 - 545P	JON 5.207	GANOR, M

SMNR: CORP LAW/CAP MARKETS
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.

course	unique	days	time	room	instructor
	• 28970	T	545 - 745P	TNH 3.129	SPINDLER, J

SMNR: COMPARTV CONSTITUTNL LAW
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.

course	unique	days	time	room	instructor
	• 28975				FIELDER, L

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course unique days time room instructor

SMNR: CORP & INTERNATL FINANCE
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.
• 28980 T 345 - 545P JON 6.203 HU, H

SMNR: CRIMINAL JUSTICE POLICY
Designed to accommodate 35 or fewer students. 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.
• 28985 M 200 - 500P SRH 3.220 DEITCH, M

SMNR: ENTERTAINMENT 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.
• 28990 W 345 - 545P TNH 3.125 PAJAK, K

SMNR: ENVIRONMENTAL LITIGATION
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.
• 28995 M 345 - 545P JON 5.206 CIVINS, J

SMNR: EQUAL OPPORTUNITY 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.
• 29000 M 345 - 545P JON 6.203 FISHKIN, J

SMNR: EVIDENCE, ADVANCED
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.
• 29005 W 345 - 545P TNH 3.114 GOODE, S

SMNR: EXEC BRANCH/TX GOV
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.
• 29010 W 345 - 545P TNH 3.127 ERBEN, R

SMNR: ISLAM/POLIT VIOLENCE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Different sections explore different areas of the law in depth. meets with MES 384.
• 29012 W 300 - 600P JON 6.207 AYOUB, S

SMNR: POLICING THE POLICE
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.
• 29015 F 1030 - 1230P LAURIN, J

SMNR: FEDERAL CRIMINAL 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.
• 29020 TH 415 - 615P JON 6.257 PITMAN, R

SMNR: FOOD SAFETY 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.
• 29025 M 345 - 545P TNH 3.128 MCGARITY, T

SMNR: HIGHER EDUCATN & THE LAW
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.
• 29030 RABBAN, D

SMNR: INTELLECTUAL PROP THEORY
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.
• 29035 T 345 - 545P TNH 3.114 BRACHA, O

SMNR: INTERNATL HUMAN RIGHTS
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.
• 29040 ENGLE, K

SMNR: INTL BUSINESS LITIGATION
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.
• 29045 M 345 - 545P TNH 3.129 WESTBROOK, J

SMNR: INTL HUMANITARIAN LAW
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.
• 29050 JINKS, D

SMNR: INTL PETROLEUM TRANS
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.
• 29055 T 345 - 545P JON 6.206

SMNR: INTNATL TRADE LAW/POLICY
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.
• 29060 THORNTON, J

course unique days time room instructor

SMNR: JURY IN THRY & PRACTICE
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.
• 29065 W 345 - 545P TNH 3.115 ABRAMSON, J

SMNR: LAW & ECONOMICS
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.
• 29070 M 345 - 545P TNH 3.126 AVRAHAM, R

SMNR: LAW AND JUSTICE
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.
• 29075 W 345 - 545P TNH 3.128 DEIGH, J

SMNR: HEALTH JUSTICE/MED-LGL
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 S W 395K.
• 29080 T 345 - 545P TNH 3.128 SAGE, W

SMNR: MANAG CLN ENERGY TRANSTN
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.
• 29085 SPENCE, D

SMNR: CRIME AND PUNISHMENT
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 S W 395K.
• 29090 W 345 - 545P JON 6.203 HENDERSON, S

SMNR: RACE AND POLITICS
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.
• 29095 F 1030 - 1230P JON 6.207 MOORE, L

SMNR: REFUGEE LAW AND POLICY
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.
• 29100 GILMAN, D

SMNR: REGULATN OF FINANCL MKTS
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.
• 29105 TH 415 - 615P JON 6.207 STUTTS, W

SMNR: REPRODUCTIVE RIGHTS
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.
• 29110 TH 215 - 415P TNH 3.115

SMNR: SFTWR/VID GM/INTRACT ENT
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: Law of software, video games, and interactive entertainment.
• 29115 T 545 - 745P TNH 3.142 CAVAZOS, E

SMNR: SUPREME COURT
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.
• 29120 SAGER, L

SMNR: POPULAR SOVEREIGNTY
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 W 345 - 545P LEVINSON, S

SMNR: TECH/LAW/POLCY ISSUES
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.
• 29130 M 345 - 545P JON 6.207 TAIT, M

SMNR: MARITIME LAW-COMMRC PROB
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 M 345 - 545P TNH 3.127 STURLEY, M

SMNR: TPCS CORP LAW/CAP MRKTS
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 JON 5.206

SMNR: TRANSNATL CLASS ACTIONS
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.
• 29145 MULLENIX, L

SMNR: WATER FOR EVERYONE
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 GEO 391, C E 397, P A 387K.
• 29150 W 345 - 545P JON 6.257 COHEN, J

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SMNR: WHITE COLLAR CRIME
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.
• 29155 BRAININ, S

SMNR:US INTL/FBI/HMLND SEC/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.
• 29160 T 345 - 545P JON 6.207

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.
• 29165

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.
• 29170

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.
• 29175

COLLEGE OF LIBERAL ARTS

COGNITIVE SCIENCE

Cognitive Science - CGS

CGS 360 COG SCIENCE: STUDY OF MIND
Course number may be repeated for credit when the topics vary. An introduction to the study of mind known as cognitive science, focusing on key areas such as vision and language, cognition and problem solving, artificial intelligence. Prerequisite: Upper-division standing.
• 29230 TTH 800 - 930 RLP 1.104 BEAVER, D

THOMAS JEFFERSON CENTER FOR THE STUDY OF CORE TEXTS AND IDEAS

Core Texts and Ideas - CTI

CTI 301G INTRO TO ANCIENT GREECE
Designed to accommodate 100 or more students. 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.
• 29285 TTH 930 - 1100 FAC 21

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).
• 29290 TTH 930 - 1100 WAG 112 BENNETT, Z
• 29295 MWF 1000 - 1100 GAR 0.120 WENSVEEN, J
• 29300 MWF 200 - 300P GAR 0.132 DEMPSEY, E
• 29305 TTH 330 - 500P MEZ 1.210 GREGG, B

CTI 304 JUDAISM, CHRISTIANITY, & ISLAM
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. meets with J S 311 (TOPIC 2), ISL 311 (TOPIC 2), HIS 304R, R S 304.
• 29310 TTH 1230 - 200P WAG 101 SMITH, G

1-THE BIBLE & ITS INTERPRETERS
Designed to accommodate 35 or fewer students. 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).
• 29315 MWF 1100 - 1200 WAG 208 LEACH, N
• 29320 MWF 1200 - 100P RLP 1.108 KING, B
• 29325 TTH 1230 - 200P GAR 0.128 YOO, P
• 29330 MWF 100 - 200P GAR 2.128 WILSON-WRIGHT, A

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. meets with C C 304C (TOPIC 6), PHL 301K.
• 29335 TTH 930 - 1100 WAG 302 HANKINSON, R

HISTORY OF RELIGIONS OF ASIA
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 ANS 301R, R S 302.
• 29340 MWF 1000 - 1100 UTC 3.102 BRERETON, J

THE RISE OF CHRISTIANITY
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: Introduction to the origins and development of Christianity. meets with J S 311 (TOPIC 3), C C 318, R S 318.
• 29345 MWF 1100 - 1200 BUR 212 WHITE, L

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course unique days time room instructor

WESTERN CIV IN MODERN TIMES
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 HIS 309L.
• 29350 TTH 200 - 330P JGB 2.218 VAUGHN, J

3-INTRO TO PHILOS OF RELIGION
Course number may be repeated for credit when the topics vary. Introduction to fundamental texts and questions that have helped shape the world. A critical examination of various conceptions of God and of the relationship of the human and the divine. Core Texts and Ideas 310 and Western Civilization 303 may not both be counted unless the topics vary. Only one of the following may be counted: Core Texts and Ideas 310 (Topic: Introduction to the Philosophy of Religion), 310 (Topic 3), Philosophy 305, Religious Studies 305. same as PHL 305, R S 305.
• 29355 TTH 200 - 330P WAG 214 MARTINICH, A

CTI 320 CLASSICAL QUEST FOR JUSTICE
Introduces students to classical political thought through a study of seminal works of antiquity, focusing on those of Plato and Aristotle. Only one of the following may be counted: Core Texts and Ideas 320, 335 (Topic: Classical Quest for Justice), Government 335M (Topic: Classical Quest for Justice), 351C. Prerequisite: Completion of at least thirty semester hours of coursework. same as GOV 351C.
• 29360 TTH 1100 - 1230P UTC 3.112 STAUFFER, D

CTI 322 CRITICS OF MODERN LIBERALISM
Selected critics of the philosophy of the Enlightenment from both the Left and the Right, and from the time of Rousseau to the present. Only one of the following may be counted: Core Texts and Ideas 322, Government 335M (Topic: Liberalism and its Critics), 351G. Prerequisite: Upper-division standing. same as GOV 351G.
• 29365 TTH 200 - 330P UTC 3.122 STAUFFER, D

CTI 325 MORALITY AND POLITICS
Interdisciplinary readings from major works exploring issues of ethics and leadership. Only one of the following may be counted: Core Texts and Ideas 325, Government 335M (Topic: Morality and Politics), 351L. Prerequisite: Upper-division standing. same as GOV 351L.
• 29370 MWF 100 - 200P RLP 0.112 STAUFFER, D

CTI 326 CIVIL LIBERTIES
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. Prerequisite: Varies with the topic. Prerequisite: Six semester-hours of lower-division coursework in government. meets with GOV 357M (TOPIC 4).
• 29375 TTH 930 - 1100 UTC 4.112 PERRY, H

STRUCTURE OF INDIV LIBERTIES
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. Prerequisite: Varies with the topic. meets with GOV 357M (TOPIC 8).
• 29380 TTH 930 - 1100 PAR 203 JACOBSOHN, G

CTI 335 LIBERTY AND RELIGION
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with GOV 335M.
• 29385 MW 400 - 530P MEZ 1.204 VIROLI, M

REGIME PERSP AMER POLTC-HONORS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with GOV 379S (TOPIC 3), LAH 350.
• 29390 M 330 - 630P BAT 1.104 TULIS, J

4-ORIGINS OF LIBERALISM
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Core Texts and Ideas 335 (Topic: Origins of Liberalism), 335 (Topic 4), European Studies 346 (Topic: Origins of Liberalism), Philosophy 354 (Topic: Origins of Liberalism), 354 (Topic 5). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as PHL 354 (TOPIC 5).
• 29395 TTH 1100 - 1230P WAG 308 MARTINICH, A

CTI 345 ARTHUR-ELIZABETH: LEADERSHIP
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.
• 29400 TTH 930 - 1100 MEZ 1.118 LANG, E

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.
• 29405 TTH 1230 - 200P BEN 1.108 RAFFA, G

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.
• 29410 TTH 1100 - 1230P GAR 0.132 PATTERSON, J
• 29415 TTH 200 - 330P GAR 1.126 PATTERSON, J

CTI 370 DARWIN ON ORIGIN OF SPECIES
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Studies works of major scientists, mathematicians, and philosophers, andexplores the fundamental ideas from one discipline or time period and the nature and grounds of human knowledge. Prerequisite: Varies with the topic. meets with HIS 362G.
• 29420 TTH 1100 - 1230P MEZ 1.210 ALANIZ, R

2-BIO, BEHAVIOR, AND INJUSTICE
Course number may be repeated for credit when the topics vary. Studies works of major scientists, mathematicians, and philosophers, andexplores the fundamental ideas from one discipline or time period and the nature and grounds of human knowledge. Explores questions about human behavior related to biological factors ascompared with personal experiences and societal standards. Only one of the following may be counted: Core Texts and Ideas 370 (Topic: Biology, Behavior, and Injustice), 370 (Topic 2), History 322R, 366N (Topic: Biology, Behavior, and Injustice), 366N (Topic 16). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as HIS 322R.
• 29425 TTH 200 - 330P RLP 0.112 MARTINEZ, A

CTI 372 DARWIN & POLITICS OF EVOLUTION
A careful reading of Darwin's influential Origin of the Species by Means of Natural Selection, together with an examination of the religious, political, and scientific controversies the book has inspired from its first publication to the present day. Only one of the following may be counted: Core Texts and Ideas 370 (Topic: The Politics of Evolution), 372, Government 335M (Topic: The Politics of Evolution), 353D. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. same as GOV 353D.
• 29430 TTH 1230 - 200P WAG 420 PRINDLE, D

CTI 375 FRENCH REVOLUTION AND NAPOLEON
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 EUS 346 (TOPIC 25), HIS 353.
• 29435 TTH 330 - 500P JGB 2.218 COFFIN, J

THE DEAD SEA SCROLLS
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 MES 342 (TOPIC 23), MEL 321 (TOPIC 17), J S 364 (TOPIC 4), HIS 364G (TOPIC 3), AHC 330 (TOPIC 1), R S 353D.
• 29440 MWF 100 - 200P RLP 1.106 KAPLAN, J

1-THE QUR'AN
Course number may be repeated for credit when the topics vary. Study of classic texts, connected historically or thematically. The history, language, style, and themes of the Qur'an. 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: Comparative Literature 323 (Topic: The Qur'an), 323 (Topic 37), Core Texts and Ideas 375 (Topic: The Qur'an), Core Texts and Ideas 375 (Topic 1), Islamic Studies 340 (Topic 2), Middle Eastern Languages and Cultures 321 (Topic 9), Middle Eastern Studies 342 (Topic 16), Religious Studies 325G, Women's and Gender Studies 340 (Topic: The Qur'an), 340 (Topic 54). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 37), ISL 340 (TOPIC 2), MEL 321 (TOPIC 9), MES 342 (TOPIC 16), R S 325G, WGS 340 (TOPIC 54).
• 29445 TTH 1230 - 200P PAR 1 AZAM, H

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.
• 29450

HEALTH AND SOCIETY

Health and Society - H S

H S 301 INTRO TO HEALTH & SOCIETY
Designed to accommodate 100 or more students. 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.
• 29505 TTH 1230 - 200P WCH 1.120 PALMO, N

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.
• 29510 TTH 330 - 500P UTC 3.132 TWITO, S

H S 340 1-FOUNDATIONS OF EPIDEMIOLOGY
Course number may be repeated for credit when the topics vary. Selected topics on health and society. 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: Upper-division standing; additional prerequisites may varywith the topic. Additional prerequisite: Consent of instructor. same as HED 343.
• 29514 TTH 1230 - 200P BEL 962 PASCH, K

6-CANCERLAND
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Selected topics on health and society. Explores the social and cultural terrain of cancer research, treatment, and public policy in the United States. Only one of the following may be counted: Health and Society 340 (Topic 6), Sociology 320C, 321K (Topic: Cancerland). Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. Additional prerequisite: Upper-division standing. same as SOC 320C.
• 29515 TTH 930 - 1100 BUR 214 OSBAKKEN, S

7-CONTEMP PRACT OF MEDICINE
Course number may be repeated for credit when the topics vary. Selected topics on health and society. Explores what it means to be a practicing physician in contemporary America. Structured as a series of guest lectures by doctors from different medical specialties and at different stages in their careers; physician scientists and academicians; hospital administrators and related professionals; providers of medical care from international settings; and ethicists. Health and Society 340 (Topic 7) and Sociology 321K (Topic: ContemporaryPractice of Medicine) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. Additional prerequisite: Upper-division standing.
• 29520 TTH 500 - 630P RLP 0.102 KANE, J

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.
• 29525 TTH 930 - 1100 RLP 3.106 PALMO, N

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.
• 29530 M 300 - 600P RLP 3.106 SWEARINGEN, W

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.
• 29535 TTH 200 - 330P BUR 214 OSBAKKEN, S
• 29540 TTH 330 - 500P RLP 3.106 PALMO, N

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.
• 29545 MW 830 - 1000 GDC 5.304 HAYWARD, M
• 29550 TTH 1230 - 200P BUR 214 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.
• 29555

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.
• 29560

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.
• 29615 MWF 1000 - 1100 CPE 2.214
F 1100 - 1200 RLM 5.120
• 29620 MWF 1000 - 1100 CPE 2.214
F 1100 - 1200 RLM 7.116
• 29625 MWF 1000 - 1100 CPE 2.214
F 1100 - 1200 GAR 2.112

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-.
• 29630 TTH 800 - 930 GEA 114 TRAPHAGAN, J

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.
• 29635 M 200 - 500P RLP 1.108 WARE, A
• 29640 W 200 - 500P RLP 1.108 SONNENBERG, S

HDO 380 CULT PERSPECTIVES ON HDO
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Examines broad aspects of the role of culture in organizations through a variety of disciplinary lenses. Culture includes both global cultures, as well as cultures created by organizations. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of instructor. Class meets January 16-May 11.
• 29645 S 830 - 1130 RLP 1.302B STRONG, P

HDO 382 APPROACHES TO LEADERSHIP
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Examines broad aspects of organizational leadership through a variety of disciplinary lenses. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of instructor. Class meets January 16-May 11.
• 29650 S 330 - 630P RLP 1.302B WOODRUFF, P

HDO 384 ORGANIZATIONAL INERTIA
Offered on the letter-grade basis only. Reviews theories and methods for understanding how organizational environments support habits, and how individuals and groups make decisions. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of instructor. Class meets January 16-May 11.
• 29655 F 400 - 700P RLP 1.302B MARKMAN, A

HDO 391 QUANTITATIVE RESEARCH METHODS
Additional hour(s) to be arranged. Offered on the letter-grade basis only. Quantitative approaches for studying the human dimensions of organizations. Examines the mechanics and assumptions of common methods in quantitative methods, including experimental design, survey research, and quantitative coding of archival data. Emphasizes students' ability to know and identify what types of research questions are best-suited tothe different quantitative approaches. Reviews the types of data that various designs produce, and some basic statistical assessments of quantitative data. Restricted to students in the human dimensions of organizations degree program. Prerequisite: Graduate standing and consent of instructor. Class meets January 16-May 11.
• 29660 S 1230 - 330P RLP 1.302B ROSE, M

THE HUMANITIES PROGRAM

Humanities - HMN

HMN 350 TREASURE HUNT HRC ARCH RSCH
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 values underlying humanistic disciplines. Prerequisite: Varies with the topic. Topic title: Treasure hunt in the Harry Ransom Center: Transforming archival discovery into original humanities research. Topic description: Discover and explore some islands of order that emerge from a library's col lections, and learn skills for pursuing original research projects in humanities disciplines. meets with LAH 350.
• 29715 TTH 1230 - 200P CAL 221 LANG, E

6-IN SEARCH OF MEANING
Course number may be repeated for credit when the topics vary. Study of the values underlying humanistic disciplines. Intensive lecture course exploring various disciplinary perspectives andvalues underlying humanistic disciplines. Concepts include: monotheism, the nature and personality of this god, the soul, chosen people, linear time, history as divine classroom, original sin, heaven, hell, salvation, etc. Establishes how and when these and a host of other features came into existence and created Judeo-Christian reality, and contrast the reality created therein with other realities, such as Hinduism, Buddhism, Confucianism, and Islam. Only one of the following may be counted: Humanities 350 (Topic: In Search of Meaning), 350 (Topic: The Quest for Meaning), 350 (Topic 6), Liberal Arts Honors 350 (Topic: In Search of Meaning), 350 (Topic 10). Restricted to Plan I majors in the College of Liberal Arts. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing and a University grade point average of at least 3.50. meets with LAH 350 (TOPIC 10).
• 29720 TTH 1230 - 200P ADAMS, M

HMN 358Q SUPERVISED RESEARCH
May be repeated for credit. Prerequisite: Consent of the humanities adviser.
• 29725

10/11/2018

HMN 370 SENIOR TUTORIAL COURSE
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.
• 29730

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.
• 29735

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 counted. Prerequisite: For 679HA, admission to the Humanities Honors Program and consent of the humanities adviser; for 679HB, Humanities 679HA.
• 29740

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.
• 29745

INTERNATIONAL RELATIONS AND GLOBAL STUDIES

International Relations and Global Studies - IRG

IRG 301 INTRO INTL RELS & GLOBAL STDS
Designed to accommodate 100 or more students. Restricted to international relations and global studies majors. Prerequisite: Completion of at least twenty-four semester hours of college coursework.

• 29800	MW	1000 - 1100	SZB 104	ANDERSON, M
	F	1000 - 1100	JES A217A	
• 29805	MW	1000 - 1100	SZB 104	ANDERSON, M
	F	1000 - 1100	SZB 286	
• 29810	MW	1000 - 1100	SZB 104	ANDERSON, M
	F	1100 - 1200	JES A207A	
• 29815	MW	1000 - 1100	SZB 104	ANDERSON, M
	F	1100 - 1200	SZB 524	

IRG 320F FOUND INTL REL/GLOBAL STDS-CHI
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Maymester Abroad Program. Class meets May 26-July 10. Taught in Santiago, Chile. Students must consult with the department as travel and orientation dates may be in addition to these dat es.
• 29820 HOLMSTEN, S

FOUNDATN INTL RELS/GLOBAL STDS
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.
• 29825 TTH 1230 - 200P MEZ 1.306 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. Recommended for students pursuing culture, media, and the arts; or science, technology, and the environment tracks.
• 29830 M 300 - 600P PAR 308 HOLMSTEN, S
• 29835 W 300 - 600P PAR 308 HOLMSTEN, S

CAPSTONE RESEARCH IN IRG
Designed to accommodate 35 or fewer students. Restricted to international relations and global studies majors. Prerequisite: Upper-division standing and International Relations and Global Studies 301 and 320F. Recommended for students pursuing the international political economy track.
• 29840 TTH 930 - 1100 JES A205A WANG, D
• 29845 MW 1000 - 1130 CAL 21 WANG, D

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. Recommended for students pursuing the international security track.
• 29850 T 330 - 630P MEZ 2.102 MOSSER, M
• 29855 W 330 - 630P JES A203A MOSSER, M

IRG 678HB HONORS TUTORIAL COURSE
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. 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.
• 29860 W 300 - 600P GAR 0.132 ANDERSON, M

LANGUAGE TEACHING AND COORDINATION

Language Teaching and Coordination - LTC

LTC 384 TECH APPS IN LANGUAGE TEACHING
Prerequisite: Graduate standing.
• 29915 T 200 - 500P GARZA, T

LIBERAL ARTS

Liberal Arts - L A

L A 101L SUCCESS STRAT: CRIT THINKNG
Course number may be repeated for credit when the topics vary. Topics related to exploring the various disciplines in the College of Liberal Arts.
• 29970 TH 200 - 330P CAL 419 BURNETT, B

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. Class meets January 17-February 28.
• 29975 W 300 - 500P FAC 18N VEGA, R

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.
• 29980 T 930 - 1100 ECJ 1.314 SCHMITT, J
• 29985 TH 930 - 1100 ECJ 1.314 SCHMITT, J
• 29990 M 400 - 500P PAR 303 SCHMITT, J
• 29995 W 400 - 500P PAR 306 SCHMITT, J

L A 104R 2-CIV ENGAGEMENT/CIV RESPONSBL
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.
• 30000 W 400 - 500P RLP 0.124 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.
• 30005 VEGA, R

L A 212C COMMUN ORG/LDRSHIP DEV AUSTIN
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary.
• 30010 W 100 - 300P SSB G1.104 GURURAJ, S

L A 113P IMPACT MALES THRU MENTOR II
Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary.
• 30015 M 600 - 700P SZB 434 CAMPOS, E

IMPACT MALES THRU MENTOR II
Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary.
• 30020 M 500 - 600P SZB 284 CAMPOS, E

L A 119 MAYMESTER SEMINAR: AUSTRIA
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 becounted unless the topics vary. Liberal Arts 119, 219, 319 and 129, 229,329 may not both be counted. Restricted to students in the Maymester Abroad Program; contact Study Abroad Office for permission to register for this class.
• 30025 T 330 - 530P BUR 436A HOELSCHER, S

MAYMESTER SEMINAR: CHINA
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 becounted unless the topics vary. Liberal Arts 119, 219, 319 and 129, 229,329 may not both be counted.

Spring 2018

course	unique	days	time	room	instructor

Restricted to students in the Maymester Abroad Program; contact the Study Abroad Office for permission to register for this class.

• 30030	M	400 - 500P	BUR 136	MOORE, L

MAYMESTER SEMINAR: CUBA

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 becounted unless the topics vary. Liberal Arts 119, 219, 319 and 129, 229,329 may not both be counted.

• 30035					

MAYMESTER SEMINAR: GUATEMALA

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 becounted unless the topics vary. Liberal Arts 119, 219, 319 and 129, 229,329 may not both be counted. Restricted to students in the Maymester Abroad Program; contact the Study Abroad Office for permission to register for this class.

• 30040	M	500 - 600P	GDC 2.502	BUSKIRK, R

L A 319 COMPUTER PROGRAMMING: LIBERAL

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 becounted unless the topics vary. Liberal Arts 119, 219, 319 and 129, 229,329 may not both be counted.

• 30045	TTH	1100 - 1230P	RLP 1.104	BOYLE, C

L A 320 INTERNSHIP

Designed to accommodate 35 or fewer students. Additional 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.

• 30050	W	500 - 630P	RLP 2.402	SERIFF, S

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.

• 30055					VEGA, R

L A 325 LATINX MASCULINITIES EDUC-MEX

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Analysis of topics in the philosophy and real-life application of the liberal arts. Prerequisite: Upper-division standing. Additional prerequisites vary with the topic. Restricted to students in the Maymester Abroad Program. Class meets May 26-July 10. Taught in Mexico City, Mexico. Students must consult with the department as travel and orientation dates may be in addition to these dates.

• 30060					CAMPOS, E

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.

• 30065					

L A 380L ENGAGED SCHOLAR SEMINAR IV

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.

• 30070	T	300 - 600P	UTC 4.114	CARTER, M

LIBERAL ARTS HONORS

Liberal Arts Honors - LAH

LAH 103H THE IDEAS OF CIVIC ENGAGEMENT

Offered on the letter-grade basis only. Introduces Liberal Arts Honors students to the resources of the University, their history, and how to make best use of them. Provides guidance on internships, scholarships, and career paths, encouraging students to prepare for a lifetime of civic engagement and public service. Humanities 116 and Liberal Arts Honors 103H may not both be counted. Restricted to students in the Liberal Arts Honors Program in the Collegeof Liberal Arts. Prerequisite: Liberal Arts Honors 102H.

• 30125	M	400 - 500P	GAR 0.102	MUSICK, M

course	unique	days	time	room	instructor

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.

• 30130	TTH	930 - 1100	SZB 380	CASEY, J
• 30135	MWF	1100 - 1200	SZB 286	LANG, E

LAH 112H THE NATURE OF INQUIRY

Offered on the letter-grade basis only. Introduction to the nature of research in liberal arts disciplines. Designed for students who plan to enter a liberal arts departmental honors program. Prerequisite: Forty-five semester hours of coursework and consent of theliberal arts honors director.

• 30140	W	200 - 300P	CAL 100	PIKUS, M

LAH 350 AFR AM FAM: HIST/CONTEM CNTXT

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 AFR 372D, SOC 321K.

• 30145	TTH	1100 - 1230P	CBA 4.342	PIKUS, M

CITIZENS IN DEMOCRATIC POL

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.

• 30150	W	330 - 630P	BAT 1.104	LUSKIN, R

COMPLEX EMERGEN HUMAN ACT

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.

• 30155	T	330 - 630P		NEWBERG, P

DATA ANALYTICS, CONTEMP SOC

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.

• 30160	MWF	1000 - 1100	CAL 221	FREELS, J

ETHICAL ISSUES/ MED & SOCIETY

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.

• 30165	TTH	200 - 330P	RLP 2.606	BROWN, V

GENDER EQUALITY/WORLD DEVEL

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.

• 30170	M	200 - 500P	CBA 4.338	HUNTER, W

GLOBAL SUSTAINABILITY/SOIL

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 GRG 356.

• 30174	TTH	200 - 330P	RLP 3.102	BEACH, T

HITLER, NAZISM, & WORLD WAR II

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 376G.

• 30175	TTH	330 - 500P	GAR 2.128	CREW, D

HOW TO BECOME A ROMANTIC

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 350M.

• 30180	MWF	1000 - 1100	PAR 210	HEINZELMAN, K

10/11/2023

IRISH CLASSICS: 20TH-C.

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. Topic title: Irish classics: literature and politics in the 20th Century. meets with E 379R.

• 30185 TTH 200 - 330P PAR 210 CULLINGFORD, E

MIDDLEMARCH TO MODERNSM

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. Topic title: From Middlemarch to Modernism meets with E 350R.

• 30187 TTH 1100 - 1230P PAR 310 MACDUFFIE, E

NEGLECTED MIDDLE CLASS

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.

• 30190 TTH 930 - 1100 RLP 2.606 DICKERSON, M

PHILANTHROPY/NONPROFIT ORGS

Restricted enrollment; contact the department for permission to register for this class. 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.

• 30195 MW 1000 - 1130 CBA 4.338 PAXTON, P

PHOTOGRAPHY/AMER CULTURE

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.

• 30200 TTH 200 - 330P RLP 0.124 ABZUG, R

REACTING/REVOLUTIONARY IDEAS

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.

• 30205 MWF 1100 - 1200 CBA 4.340 MAYHEW, L

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 GOV 379S (TOPIC 3), CTI 335.

• 30210 M 330 - 630P BAT 1.104 TULIS, J

SHAKESPEAREAN AFTERLIVES

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.

• 30215 MWF 200 - 300P PAR 210 LOEHLIN, J

SICILY: MYTH/REALITY/MAFIA

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.

• 30220 TTH 330 - 500P HRH 2.112 CARTER, D

TREASURE HUNT HRC ARCH RSCH

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. Topic title: Treasure hunt in the Harry Ransom Center: Transforming archival discovery into original humanities research. Topic description: Discover and explore some islands of order that emerge from a library's col lections, and learn skills for pursuing original research projects in humanities disciplines. meets with HMN 350.

• 30225 TTH 1230 - 200P CAL 221 LANG, E

1-DEFENSE POLICY

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. Articulation of national security strategy through decisions about Department of Defense organization and resources. Overview of military terms and organizing principles with an emphasis on policy, personnel, acquisition, budget, intelligence, and leadership. Only one of the following may be counted: Government 360N (Topic: Defense Policy), Liberal Arts Honors 350 (Topic: Defense Policy), 350 (Topic 1), Public Affairs 325 (Topic: Defense Policy). 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 360N, P A 325 (TOPIC 2).

• 30230 W 200 - 500P SRH 3.221 DORN, E

3-TECH CHANGE & FINANC CRISIS

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 economics of the business firm, the management of technical change, and the interaction between technology and finance in the writings of major twentieth century economists. Emphasis on attempting to understand the social and income-distributional consequences of technical change, the potential for system instability, and the dilemmas of public policy in this area. Liberal Arts Honors 350 (Topic: Technical Change and Financial Crisis) and 350 (Topic 3) may not both be counted. 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 358.

• 30235 W 300 - 600P CRD 007A GALBRAITH, J

8-DECOLONIZATN OF BRIT EMPIRE

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 era of decolonization of the British empire after World War II. Only one of the following may be counted: History 350L (Topic: Decolonization of British Empire), 350L (Topic 69), Liberal Arts Honors 350 (Topic: Decolonization of British Empire), 350 (Topic 8). 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 (TOPIC 69).

• 30240 TH 330 - 630P HRC 3.204 LOUIS, W

10-IN SEARCH OF MEANING

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 concepts will include: monotheism, the nature and personality of this god, the soul, chosen people, linear time, history as divine classroom, original sin, heaven, hell, salvation, etc. Establish how and when these and a host of other features came into existence and created Judeo-Christian reality, and contrast the reality created therein with other realities--Hinduism, Buddhism, Confucianism, Islam. Only one of the following may be counted: Humanities 350 (Topic: In Search of Meaning), 350 (Topic: The Quest for Meaning), 350 (Topic 6), Liberal Arts Honors 350 (Topic: In Search of Meaning), 350 (Topic 10). 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. Prerequisite: Upper-division standing and a University grade point average of at least 3.50. meets with HMN 350 (TOPIC 6).

• 30245 TTH 1230 - 200P ADAMS, M

23-HUMAN PLACE IN NATURE

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. Liberal Arts Honors 350 (Topic: Human Place in Nature) and 350 (Topic 23) may not both be counted. 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.

• 30250 MWF 1000 - 1100 RLP 0.120 TURNER, M

24-PAPER CHASE: LW SCH/LIFE LW

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. Liberal Arts Honors 350 (Topic: PAPER CHASE: LAW SCHL, LIFE) and 350 (Topic 24) may not both be counted. 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.

• 30255 TTH 800 - 930 RLP 2.606 LEVY, 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.

• 30260

LAH 679TA HONORS THESIS

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.

• 30265

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.
• 30270

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.
• 30325 W 900 - 1000 MEZ 1.122 MARTIN, K
• 30330 W 1100 - 1200 GAR 0.128 MARTIN, K

INTRO TO TEACHING PROFESSION
Designed to accommodate 35 or fewer students. 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.
• 30335 W 100 - 200P RLP 0.108 WILSON, N

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.
• 30340 MF 1100 - 1200 SZB 284 LOPEZ, M

INTRO TO TEACHING MIDDLE SCHL
Designed to accommodate 35 or fewer students. 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.
• 30345 MF 100 - 200P BEN 1.126 LOPEZ, M

UTL 640 TEACHING IN SECONDARY SCH-LOTE
Designed to accommodate 35 or fewer students. 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. 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. Restricted to students seeking certification in Languages Other Than English.
• 30350 MW 800 - 1100 UTC 4.114 WILSON, N

TEACHING SEC SCH-SOCL STUDIES
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. 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. Restricted to students seeking certification in Social Studies.
• 30355 TTH 800 - 1100 GAR 1.134 MELCHER, T

TEACHING SECONDARY SCH-ENGLISH
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. 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. Restricted to students seeking certification in English.
• 30360 MW 300 - 600P UTC 4.120 BIGGERSTAFF HAUG

UTL 360 PROBS/PRINS OF SEC EDUC-LOTE
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. 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. Restricted to students seeking certification in Languages Other Than English.
• 30365 TH 500 - 630P RLP 1.104 BAUERLE, V
TH 630 - 800P

PROBS/PRINS SEC ED-SOC STUDIES
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. 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. Restricted to students seeking certification in Social Studies.
• 30370 TH 500 - 630P RLP 1.104 BAUERLE, V
TH 630 - 800P RLP 0.104

PROBS/PRINS SEC EDUC-ENGLISH
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. 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. Restricted to students seeking certification in English.
• 30375 TH 500 - 630P RLP 1.104 BAUERLE, V
TH 630 - 800P RLP 1.102

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. Restricted to students seeking certification in English.
• 30380

DEPARTMENT OF AFRICAN AND AFRICAN DIASPORA STUDIES

African and African American Studies - AFR
Swahili - SWA
Yoruba - YOR

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.
• 30435 TTH 1100 - 1230P RLP 1.402 IRIZARRY MURPHY, Y

AFR 303 INTRODUCTION TO BLACK STUDIES
Introduction to canonical black studies literature, themes, and theories. Only one of the following may be counted: African and African Diaspora Studies 303, Anthropology 310D, 310L (Topic: Intro to African and African Diaspora Studies). 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. same as ANT 310D.
• 30440 MW 1130 - 100P GORDON, E

AFR 310K INTRODUCTION TO MODERN AFRICA
Introduction to modern Africa, with focus on colonial and postcolonial development in political organization, economics, sociolinguistics, and literature. same as HIS 310. also meets with WGS 301.
• 30445 TTH 1230 - 200P UTC 3.134 FALOLA, O

AFR 317E AFRICAN DIASPORA ARCHAEOLOGY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ANT 310L.
• 30450 MW 100 - 230P SAC 4.118 FRANKLIN, M

1-BLACK QUEER ART WORLDS
Course number may be repeated for credit when the topics vary. Exploration of over two decades of work produced by and about black queer subjects throughout the circum-Atlantic world. Provides an introduction to various artists and intellectuals of the black queer diaspora, as well as an examination of the viability of black queer aesthetic practice as a form of theorizing. Only one of the following may be counted: African and African Diaspora Studies 317E (Topic: Black Queer Diaspora Aesthetics), 317E (Topic 1), Anthropology 310L (Topic: Black Queer Diaspora Aesthetics), 310L (Topic 6), Women's and Gender Studies 301 (Topic: Black Queer Diaspora Aesthetics), 301 (Topic 17). Prerequisite: Varies with the topic. same as ANT 310L (TOPIC 6), WGS 301 (TOPIC 17).
• 30455 TTH 500 - 630P PAR 206 GILL, L

AFR 317F 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).
• 30460 MWF 1200 - 100P MRH 2.608 CARSON, C
T 500 - 600P MRH 2.604
• 30465 MWF 1200 - 100P MRH 2.608 CARSON, C
TH 500 - 600P MRH 2.604
• 30470 MWF 1200 - 100P MRH 2.608 CARSON, C
T 600 - 700P MRH 2.604
• 30475 MWF 1200 - 100P MRH 2.608 CARSON, C
TH 600 - 700P MRH 2.604
• 30480 MWF 1200 - 100P MRH 2.608 CARSON, C
T 700 - 800P MRH 2.604
• 30485 MWF 1200 - 100P MRH 2.608 CARSON, C
TH 700 - 800P MRH 2.604

AFR 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 SOC 321L, WGS 345 (TOPIC 23).
• 30490 MW 1130 - 100P PAR 306
• 30495 TTH 1230 - 200P RLP 0.106 MULLER, C
• 30500 TTH 200 - 330P RLP 1.104 IRIZARRY MURPHY, Y

AFR 345C HISTORY OF WEST AFRICA
A history of the West Africa region: the rise and fall of kingdoms, relations with Europe and Asia, the great revolutions of the nineteenth century, colonial administration, decolonization, and the search for economic development and political stability since independence. Prerequisite: Upper-division standing. same as HIS 359R.
• 30505 TTH 1100 - 1230P UTC 3.134 FALOLA, O

AFR 357D AFRICAN AMER HIST SINCE 1860
Survey of the history of African Americans in the United States from 1860 to the present: Emancipation, Reconstruction politics, migration and urbanization, and the evolution of African American culture; kinds of sources and methods valuable for analyzing African American life and culture. Only one of the following may be counted: African and African Diaspora Studies 357D, American Studies 321 (Topic: African American History since 1860), 321F, History 357D, Urban Studies 353 (Topic 1). Prerequisite: Upper-division standing. same as AMS 321F, HIS 357D, URB 353 (TOPIC 1).
• 30510 TTH 1100 - 1230P WALKER, J

AFR 360 RACE, LAW, AND US SOCIETY
Examines the intersection of racial ideology and legal culture in the United States. Only one of the following may be counted: African and African Diaspora Studies 360, 372F (Topic: Race, Law, and US Society), American Studies 370 (Topic: Race, Law, and US Society), 370 (Topic 5), History 365G (Topic: Race, Law, and US Society), 365G (Topic 13). Prerequisite: Upper-division standing. same as AMS 370 (TOPIC 5), HIS 365G (TOPIC 13).
• 30515 TTH 330 - 500P BUR 224 THOMPSON, S

AFR 372C BLACK FREEDOM MOVEMENT
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. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 374, 374C, 374D, 374E, 374F. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with AMS 321, LAS 322.
• 30520 TTH 200 - 330P MEZ 1.120 MAKALANI, M

BLACK MIDDLE CLASS
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. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 374, 374C, 374D, 374E, 374F. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with AMS 321, WGS 340.
• 30525 TTH 930 - 1100 CBA 4.348 THOMPSON, L

RACE AND PLACE
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. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 374, 374C, 374D, 374E, 374F. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with AMS 321, GRG 356T.
• 30530 TTH 330 - 500P THOMPSON, S

RETHINKING BLACKNESS
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. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 374, 374C, 374D, 374E, 374F. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with WGS 340, AMS 321, E 376M.
• 30535 TTH 1230 - 200P RLP 0.128 THOMPSON, L

5-SOCIAL MEDIA/SOCIAL IMPACT
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. Explores the social media universe through the lens of black studies. In addition to considering traditional black studies issues as they play out in the social media context, students will also engage professional development activities and service learning. Through activities, discussions, and readings, students will study black participation in the social media landscape, and will experience the possibilities for social media participation as a community benefit. Only one of the following may be counted unless the topics vary: Africanand African Diaspora Studies 372C, 374, 374C, 374D, 374E, 374F. African and African Diaspora Studies 372C (Topic: Black Studies & Social Media) and 372C (Topic 5) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing.
• 30540 MW 1130 - 100P CMA 3.114 FOSTER, K

AFR 372D AFR AM FAM: HST/CNTM CNTXT-HON
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. Only one of the following may be counted unless the topics vary: African and African Diaspora Studies 372D, 374, 374C, 374D, 374E, 374F. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Topic title: African American family: History and contemporary context. Additional prerequisite: Grade point average of at least 3.50. meets with LAH 350, SOC 321K.
• 30545 TTH 1100 - 1230P CBA 4.342 PIKUS, M

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.
• 30550 W 900 - 1200 SZB 344 URRIETA, L
• 30555 T 100 - 400P SZB 424 DE LISSOVOY, N

AFR 372E AFRO MODERNSM BLACK POP MUS
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 MUS 342.
• 30560 MWF 200 - 300P MRH 2.610 CARSON, C

INTRO ETHNOGRAPH METHOD-L A
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. Restricted to students in the Los Angeles Domestic Study Program. Taught in Los Angeles, California.
• 30565 JONES, J

JUN 11 2018

course unique days time room instructor

PERFORMANCE ETHNOGRAPHY-L A

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. Restricted to students in the Los Angeles Domestic Study Program. Taught in Los Angeles, California.

• 30570 JONES, J

SCREENING RACE

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 AMS 325, RTF 323C.

• 30575 TTH 330 - 500P CMA 3.116 MCCLEAREN, J
T 500 - 730P CMA 3.116

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.

• 30580 TTH 1230 - 200P BEN 1.102 WILKS, J

13-BLACK QUEER LITERATURE/FILM

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. Analyzes written works, films, and videos by and about lesbians, bisexual, transgender, and gay black people, with an emphasis on understanding the historical and theoretical construction of sexual and gender identities and sexual/cultural practices in black communities. 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 372E (Topic: Black Queer Literature and Film), 372E (Topic 13), 374F (Topic: Black Queer Literature and Film), English 376M (Topic: Black Queer Literature and Film), 376M (Topic 8), Women's and Gender Studies 340 (Topic: Black Queer Literature and Film), 340 (Topic 47). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: For English majors, nine semester hours of coursework in English or rhetoric and writing; for others, upper-division standing. same as E 376M (TOPIC 8), WGS 340 (TOPIC 47).

• 30585 MW 230 - 400P RLP 1.102 RICHARDSON, M

AFR 372G AFR RELIG CULTUR/CREATIVITY

Designed to accommodate 35 or fewer students. 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.

• 30590 TTH 1100 - 1230P RLM 7.112 ADELAKUN, A

CUBA IN QUESTION-CUB

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. Concurrent enrollment required in L A 119. Restricted to students in the Maymester Abroad Program; contact Study Abroad Office for permission to register for this class. Class meets May 26-July 10. Taught in Havana, Cuba. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates. meets with SPC 320C, LAS 328, HIS 363K.

• 30595 ARROYO MARTINEZ, J

SCIENCE/MAGIC/RELIGION

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 324C, AMS 327, R S 373L.

• 30600 TTH 330 - 500P CMA 3.114 CROSSON, J

3-ARCHAEOL OF AFRICAN THOUGHT

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. Archaeological, historical, and ethnographic data as they relate to the foundations of contemporary African and African American societies. Only one of the following may be counted unless the topics vary: African and African Diaspora Studies 372G, 374, 374C, 374D, 374E, 374F. African and African Diaspora 372G (Topic 3) and Anthropology 324L (Topic 24) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as ANT 324L (TOPIC 24). also meets with ANT 380K.

• 30605 MWF 100 - 200P SAC 4.174 DENBOW, J

9-AFRICAN TRAVEL NARRATIVES

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 histories of Africa and travel through eyewitness accounts. Studies journeys Africans have made within and from the continent alongside accounts of travelers visiting Africa from elsewhere. 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 Travel Narratives), 372G (Topic 9), History350L (Topic: African Travel Narratives), 350L (Topic 84). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as HIS 350L (TOPIC 84).

• 30610 M 300 - 600P GAR 3.116 OSSEO-ASARE, A

10-AFRO-LATIN AMERICA

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 historical experiences of people of African descent in Latin America and the Caribbean beginning in the slavery era, and focuses on the histories of Afro-Latin Americans after emancipation. 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: Afro-Latin America), 372G (Topic 10), 374E (Topic: Afro-Latin America), History 350L (Topic: Afro-Latin America), 350L (Topic 68), Latin American Studies 366 (Topic: Afro-Latin America), 366 (Topic 31). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as HIS 350L (TOPIC 68), LAS 366 (TOPIC 31).

• 30615 TTH 330 - 500P PAR 206 JIMENEZ, M

34-JESUS, AFRICA, AND HISTORY

Designed to accommodate 35 or fewer students. 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. Exploration of the history of Christianity in Africa, from antiquity to the present, including the ways in which African interpretations and religious expressions of Christianity are presented in this history. 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: Jesus, Africa, and History), 372G (Topic 34), Religious Studies 360 (Topic: Jesus, Africa, and History), 360 (Topic 1). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as R S 360 (TOPIC 1).

• 30620 TTH 1230 - 200P PAR 101 CHERY, T

AFR 374C COMMUNITY & SOCIAL DEVEL-GHA

Hour(s) to be arranged. 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, 374C. Prerequisite: Varies with the topic. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 28-June 21. Taught in Accra, Ghana. Students must consult with Study Abroad Prog ram Coordinator as travel and orientation dates may be in addition to these dates. meets with WGS 340, S W 360K.

• 30625 JONES, J

MANDELA:THE MAN & HIS POLITICS

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, 374C. Prerequisite: Varies with the topic. meets with HIS 364G.

• 30630 TTH 330 - 500P RLP 0.104 CHERY, T

7-DAILY LIFE IN ANCIENT EGYPT

Course number may be repeated for credit when the topics vary. Delves into all areas of Egyptian daily life from the dawn of the dynasties to the age of Cleopatra. 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: Daily Life in Ancient Egypt), 374C (Topic 7), Classical Civilization 348 (Topic: Daily Life in Ancient Egypt), 348 (Topic 24), Middle Eastern Languages and Cultures 321 (Topic: Daily Life in Ancient Egypt), 321 (Topic 29), Middle Eastern Studies 342 (Topic: Daily Life in Ancient Egypt), 342 (Topic 51). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C C 348 (TOPIC 24), MEL 321 (TOPIC 29), MES 342 (TOPIC 51). also meets with MEL 321, MES 342.

• 30635 MWF 1100 - 1200 WAG 112 NETHERCUT, W

AFR 374D AFRICAN AMERICAN RELIGIONS

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. Prerequisite: Varies with the topic. meets with R S 346.

• 30640 MW 1000 - 1130 PAR 306 SEALES, C

BLACK WOMEN ON TRIAL
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. Prerequisite: Varies with the topic. meets with HIS 350R, WGS 340.
• 30645 MW 1000 - 1130 RLP 0.108 FARMER, A

WOMEN, GENDER & BLACK POWER
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. Prerequisite: Varies with the topic. meets with HIS 350R, WGS 340.
• 30650 MW 100 - 230P PAR 208 FARMER, A

11-PSYCHOL AFR AMER EXPERIENCE
Course number may be repeated for credit when the topics vary. Examination of the psychology of people of African descent using an African-centered liberatory model. 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: Psychology of the African-American Experience), 374D (Topic 11), Educational Psychology 354G, 362 (Topic: Psychology of the African-American Experience), 362 (Topic 9: Psychology of the African-American Experience). Prerequisite: Varies with the topic. same as EDP 354G.
• 30655 TTH 930 - 1100 SZB 330 COKLEY, K

12-AFRICAN AMERICANS IN SPORTS
Course number may be repeated for credit when the topics vary. Theoretical and practical complexities in issues surrounding African Americans in sports, including the relationship between athletics and higher education. Focuses on racial stereotyping, identity theory, and how practical knowledge of these theories can aid in understanding the current state of athletics. 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 Americans in Sports), 374D (Topic 12), Curriculum and Instruction 373. Prerequisite: Varies with the topic. same as EDC 373.
• 30660 TTH 930 - 1100 SZB 104 HARRISON, L

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).
• 30665 TTH 930 - 1100 PAR 1 PHILPOT, T

17-US IN THE CIVIL RIGHTS ERA
Course number may be repeated for credit when the topics vary. Examines United States history in the post-World War II era, including how civil rights and other racial issues helped shape the politics, popular culture, and social life of this period. 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: The United States in the Civil Rights Era), 374D (Topic 17), American Studies 321 (Topic: The United States in the Civil Rights Era), 321 (Topic 9), History 356P, Mexican American Studies 374 (Topic: The United States in the Civil Rights Era), 374 (Topic 36). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AMS 321 (TOPIC 9), HIS 356P.
• 30670 TTH 1100 - 1230P UTC 3.124 GREEN, L

19-BLACKS/ASIANS: RACE/SOC MOV
Course number may be repeated for credit when the topics vary. Examines the relations between Asians and Blacks in the United States. 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: Blacks/Asians: Race/Social Movements), 374D (Topic 19), Anthropology 324L (Topic: Blacks/Asians: Race/Social Movements), 324L (Topic 77), Asian American Studies 330 (Topic: Blacks/Asians: Race/Social Movements), 330 (Topic 3). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AAS 330 (TOPIC 3), ANT 324L (TOPIC 77).
• 30675 MWF 1000 - 1100 CMA 3.114 BHALODIA, A

AFR 374F BLUEPRINT ART/ACTIVISM-L A
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. Restricted to students in the Los Angeles Domestic Study Program. Taught in Los Angeles, California.
• 30680 BRIDGFORTH, S

HOME IN CONTEMP BLK FICTION
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 C L 323.
• 30685 TTH 930 - 1100 GAR 2.112 YOUNG, H

PRODUCING ACTIVIST ART-L A
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. Restricted to students in the Los Angeles Domestic Study Program. Taught in Los Angeles, California.
• 30690 BRIDGFORTH, S

8-MUSIC OF AFRICAN DIASPORA
Course number may be repeated for credit when the topics vary. The musical legacy of the African slave trade in the Americas, the social contexts in which black musical forms have developed, and their varied forms. Subjects include the shifting meanings of "black music" in various contexts; the notion of hybridity; the uses of African influenced music as a political or oppositional tool; and African ethnicgroups represented prominently in the New World, the traditions they brought with them, and the ways they have been adapted to new ends. 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 the African Diaspora), 374F (Topic 8), Latin American Studies 326 (Topic: Music of the African Diaspora), 326 (Topic 5), Music 334 (Topic: Music of the African Diaspora), 334 (Topic 5). Prerequisite: Varies with the topic. same as LAS 326 (TOPIC 5), MUS 334 (TOPIC 5).
• 30695 TTH 1100 - 1230P MRH 2.634 MOORE, R
M 500 - 600P MRH 2.604
• 30700 TTH 1100 - 1230P MRH 2.634 MOORE, R
M 600 - 700P MRH 2.604

13-DIASPORA VISIONS
Course number may be repeated for credit when the topics vary. An exploration of border crossing by cultures and groups including Yorubas, Jews, Armenians, Tibetans, Hamish, Pakistanis, and Indians and the production of images by immigrants, exiles, and nomads in alien lands. 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: Diaspora Vision), 374F (Topic 13), Art History 345L, 373D (Topic: Diaspora Visions), 374 (Topic: Diaspora Vision), Women's and Gender Studies 340 (Topic: Diaspora Vision), 340 (Topic 48). Prerequisite: Varies with the topic. same as ARH 345L, WGS 340 (TOPIC 48).
• 30705 MWF 200 - 300P DFA 2.204 OKEDIJI, M

19-TWNTH-CEN AFR AMER ART
Course number may be repeated for credit when the topics vary. A survey of visual art produced by people of African descent in the United States with an emphasis on the twentieth century and its sociohistorical framework. Changes in modes of expression, formal concerns, pictorial themes, and the impact of the Black Arts movement, feminism, and Afrocentrism on art are explored, as well as the relationship of the work of black artists to art from West and Central Africa and the visual traditions of European and Euro-American artists. 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 372E (Topic: Twentieth-Century African American Art), 374F (Topic: 20th-Century African American Art), 374F (Topic 19), Art History 344J, 366N (Topic: 20th-Century African American Art). Prerequisite: Varies with the topic. same as ARH 344J.
• 30710 MWF 1200 - 100P DFA 2.204 CHAMBERS, E

AFR 375 COMMUNITY INTERNSHIP
Additional hour(s) to be arranged. Internship in a community organization that facilitates the economic, political, and social development of Austin's African American community. Students participate in research projects under the supervision of a faculty member. Prerequisite: Upper-division standing, African and African Diaspora Studies 301, and consent of instructor.
• 30715 TTH 200 - 330P PAR 310 BURROWES, N

AFR 376 SENIOR SEMINAR
A capstone course focusing on black intellectual traditions. Restricted to majors in African and African diaspora studies. Prerequisite: Completion of seventy-five semester hours of college coursework, African and African Diaspora Studies 301, and consent of instructor.
• 30720 TTH 1230 - 200P BIO 301 JIMENEZ, M

AFR 380D RACE/ETHNICITY/GENDER POLICIES
Offered on the letter-grade basis only. An exploration of the development of race, ethnicity, and gender theories and their application to social issues, policy development, and policy implementation. Prerequisite: Graduate standing. meets with WGS 393, P A 387K, S W 395K.
• 30725 W 1100 - 200P GWB 1.130

AFR 380P DRUGS IN WORLD HISTORY
Course number may be repeated for credit when the topics vary. Explores policy-related issues related to race and gender in the African diaspora, from both qualitative and quantitative perspectives. Prerequisite: Graduate standing. meets with HIS 381, LAS 386.
• 30727 M 900 - 1200 GAR 1.122 OSSEO-ASARE, A

ETHNIC RACE RELATION LATIN AME
Course number may be repeated for credit when the topics vary. Explores policy-related issues related to race and gender in the African diaspora, from both qualitative and quantitative perspectives. Prerequisite: Graduate standing. meets with LAS 381.
• 30730 W 1000 - 100P GWB 1.138 JORGE DE PAULA PAI

AFR 381 IDENTITIES
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 HIS 381.
• 30732 TH 330 - 630P GAR 1.122 FALOLA, O

course	unique	days	time	room	instructor

NEW APPROACHES: ATLNTC WRLDS
Designed to accommodate 35 or fewer students. 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 LAS 386, HIS 383M, R S 392T.
• 30734 M 1200 - 300P GAR 1.122 CANIZARES, J

AFR 387D COMMUNITY & SOCIAL DEVEL-GHA
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 28-June 21. Taught in Accra, Ghana. Students must consult with Study Abroad Prog ram Coordinator as travel and orientation dates may be in addition to these dates.
• 30735 JONES, J

VISUALIZING SLAVERY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with ARH 393D, AMS 391.
• 30737 W 900 - 1200 ART 3.432 CHAMBERS, E

AFR 388 BLACK QUEER DIASPORA
Course number may be repeated for credit when the topics vary. Explores the methodological, conceptual, aesthetic, and political gains emerging from various strands of black feminist and black queer studies perspectives. Special attention is given to the advantages and limitations of key concepts within these bodies of work, including experience, standpoint theory, and intersectionality. Prerequisite: Graduate standing. meets with ANT 391, WGS 393.
• 30740 T 1230 - 330P GWB 1.138 GILL, L

AFR 391 BLACK STUDIES METHODS
Offered on the letter-grade basis only. A survey of seminal black studies texts and methods that have transformed the social sciences, humanities, and fine arts in producing a distinct black studies epistemology. Explores what black studies scholars have done to transform traditional methods and disciplines in pursuit of a distinct black studies methodology. African and African Diaspora Studies 381 (Topic: Black Studies: Theory and Methods) and 391 may not both be counted. Prerequisite: Graduate standing.
• 30745 TH 1000 - 100P CMA 3.134 TANG, E

AFR 392 BLACK STUDIES THEORY II
Offered on the letter-grade basis only. An in-depth exploration of the innovative, complex, and distinctively 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, and African and African Diaspora Studies 390. meets with WGS 393.
• 30750 W 200 - 500P BUR 128 LIVERMON, X

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.
• 30755

AFR 698B 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.
• 30760

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.
• 30765

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.
• 30770

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.
• 30775

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.
• 30780

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.
• 30785

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.
• 30790

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.
• 30795

YOR 611C INTERMEDIATE YORUBA
An intensive intermediate course with emphasis on basic skills: listening, speaking, reading, and writing. Yoruba 611C and 312K may not both be counted. Yoruba 611C and 312L may not both be counted. Prerequisite: Yoruba 601C or 507 with a grade of at least C.
• 30850 MWF 200 - 400P RLP 0.120 AFOLABI, O

DEPARTMENT OF AIR FORCE SCIENCE

Air Force Science - AFS

AFS 100 LEADERSHIP LABORATORY
Offered on the pass/fail basis only. Various leadership techniques, including drill and ceremonies, customs and courtesies, and uniform standards. meets with AFS 120L.
• 30905 F 1100 - 100P RLP 5.404 CRIPPEN, Z

LEADERSHIP LABORATORY-GMC
Offered on the pass/fail basis only. Various leadership techniques, including drill and ceremonies, customs and courtesies, and uniform standards. General Military Course restricted to lower-division cadets who have not attended field training. meets with AFS 120L.
• 30910 TTH 1100 - 1230P ART 1.110 CRIPPEN, Z

AFS 102L FOUNDATIONS OF THE USAF II
Continuation of Air Force Science 102K. Prerequisite: Concurrent enrollment in Air Force Science 100.
• 30915 W 1200 - 100P RLP 5.404 TOMBARGE, P
• 30920 W 100 - 200P RLP 5.404 TOMBARGE, P

AFS 111L EVOL USAF AIR & SPACE POWER II
Continuation of Air Force Science 111K. Prerequisite: Concurrent enrollment in Air Force Science 100.
• 30925 W 800 - 900 RLP 5.404 CRIPPEN, Z
• 30930 W 900 - 1000 RLP 5.404 CRIPPEN, Z

AFS 120L LEADERSHIP LABORATORY-POC
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. Professional Officer Course restricted to upper-division cadets who have attended field training. meets with AFS 100.
• 30935 TTH 1100 - 1230P ART 1.110 CRIPPEN, Z
• 30940 F 1100 - 100P RLP 5.404 CRIPPEN, Z

AFS 322 AIR FORCE LEADERSHIP STDS II
Continuation of Air Force Science 321. Prerequisite: Air Force Science 321 and concurrent enrollment in Air Force Science 120L.
• 30945 TTH 800 - 930 RLP 5.404 NGUYEN, H

AFS 335 SENIOR AIR FORCE STUDIES II
Continuation of AFS 333. Air Force Science 332 and 335 may not both be counted. Prerequisite: Air Force Science 333, and concurrent enrollment in Air Force Science 120L or consent of the department chair.
• 30950 TTH 1230 - 200P RLP 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.
• 31005 TTH 930 - 1100 GAR 0.102 GUTTERMAN, L
• 31010 MWF 1000 - 1100 ART 1.102 GAUGHEN, B

AMS 311S AMERICAN CATASTROPHES
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.
• 31015 MWF 1000 - 1100 BUR 436A BLOOM, N

10/11/2018

course unique days time room instructor

EATING RIGHT IN AMERICA
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.
• 31020 MWF 1100 - 1200 BUR 436A KNERR, K

SEX, SCIENCE AND 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.
• 31024 MWF 400 - 500P BUR 436A LYON, A

THE SELFIE STICK: ART IN US
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.
• 31025 MWF 200 - 300P BUR 436A ZELT, N

AMS 315 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).
• 31030 MWF 1200 - 100P JGB 2.202 ALLISON, A

INTRO TO AMER INDIAN HISTORY
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 HIS 317L (TOPIC 8).
• 31035 MWF 200 - 300P RLP 0.126 DIXON, B

1-INTRO TO ASIAN AMER STUDIES
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Introduces the interdisciplinary study of Asian immigrants and Asian Americans in the United States. Explores key concepts, including immigration history, identity and community formation, cultural representation, and the intersections of race, class, gender, and sexuality. Only one of the following may be counted: American Studies 315 (Topic: Introduction to Asian American Studies), 315 (Topic 1), Asian American Studies 301, Sociology 308 (Topic: Introduction to Asian American Studies). Prerequisite: Varies with the topic. same as AAS 301.
• 31040 TTH 200 - 330P BUR 134 TANG, E

5-HIST OF RELIGION IN THE US
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. 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 HIS 317L (TOPIC 16), R S 316U (TOPIC 1).
• 31045 MWF 900 - 1000 RLP 0.126 GRABER, J

6-AMER JEWS: THE YIDDISH EXP
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of American cultural and intellectual life. Focuses on over a century of Yiddish-based contributions to American literature, music, and film, including works by Isaac Bashevis Singer, Michael Chabon, Woody Allen, and the Marx Brothers. Only one of the following may be counted: American Studies 315 (Topic: Jews in America: The Yiddish Experience), 315 (Topic 4), 315 (Topic 6); German, Scandinavian, and Dutch Studies 310 (Topic: Jews in America: The Yiddish Experience), 310 (Topic 1); Jewish Studies 311 (Topic: Jews in America: The Yiddish Experience), 311 (Topic 6), 311 (Topic 9); Religious Studies 313 (Topic: Jews in America: The Yiddish Experience), 313 (Topic 1), 316K (Topic 2). Prerequisite: Varies with the topic. same as GSD 310 (TOPIC 1), J S 311 (TOPIC 9), R S 316K (TOPIC 2).
• 31050 TTH 200 - 330P GOTTESMAN, Y

AMS 321 BLACK FREEDOM MOVEMENT
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 AFR 372C, LAS 322.
• 31055 TTH 200 - 330P MEZ 1.120 MAKALANI, M

BLACK MIDDLE CLASS
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 AFR 372C, WGS 340.
• 31060 TTH 930 - 1100 CBA 4.348 THOMPSON, L

CHICANA FEMINISMS
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, WGS 340.
• 31065 MW 100 - 230P ECJ 1.308 GUIDOTTI-HERNANDEZ

CULTURAL HERITAGE ON DISPLAY
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 325L (TOPIC 11).
• 31070 MWF 1000 - 1100 SAC 4.118 SERIFF, S

RACE AND PLACE
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 AFR 372C, GRG 356T.
• 31075 TTH 330 - 500P THOMPSON, S

RETHINKING BLACKNESS
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 WGS 340, AFR 372C, E 376M.
• 31080 TTH 1230 - 200P RLP 0.128 THOMPSON, L

9-US IN THE CIVIL RIGHTS ERA
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Examines United States history in the post-World War II era, including how civil rights and other racial issues helped shape the politics, popular culture, and social life of this period. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: The United States in the Civil Rights Era), 374D (Topic 17), American Studies 321 (Topic: The United States in the Civil Rights Era), 321 (Topic 9), History 356P, Mexican American Studies 374 (Topic: The United States in the Civil Rights Era), 374 (Topic 36). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AFR 374D (TOPIC 17), HIS 356P.
• 31085 TTH 1100 - 1230P UTC 3.124 GREEN, L

11-VIETNAM WARS
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Introduction to the complex and controversial history of the wars fought in Vietnam from 1941 to the 1980s. Only one of the following may be counted: American Studies 321 (Topic: Vietnam Wars), 321 (Topic 11), Asian Studies 372 (Topic: Vietnam Wars), History 365G (Topic: Vietnam Wars), 365G (Topic 4). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as HIS 365G (TOPIC 4).
• 31090 TTH 200 - 330P JGB 2.216 LAWRENCE, M

12-RACE/INTERNET/SOCIAL MEDIA
Course number may be repeated for credit when the topics vary. A study of America through its geography, language, government, or cultures. Explores the critical, theoretical and practical analysis of race and new media. Only one of the following may be counted: American Studies 321 (Topic: Race, Internet & Social Media), American Studies 321 (Topic 12), Asian American Studies 320 (Topic: Race, Internet & Social Media), Asian American Studies 320 (Topic 7), Radio-Television-Film 359 (Topic: Race, Internet & Social Media). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AAS 320 (TOPIC 7). also meets with RTF 359.
• 31095 MWF 1100 - 1200 GDC 4.304 NAULT, C

AMS 321F AFRICAN AMER HIST SINCE 1860
Survey of the history of African Americans in the United States from 1860 to the present: Emancipation, Reconstruction politics, migration and urbanization, and the evolution of African American culture; kinds of sources and methods valuable for analyzing African American life and culture. Only one of the following may be counted: African and African Diaspora Studies 357D, American Studies 321 (Topic: African American History since 1860), 321F, History 357D, Urban Studies 353 (Topic 1). Prerequisite: Upper-division standing. same as AFR 357D, HIS 357D, URB 353 (TOPIC 1).
• 31100 TTH 1100 - 1230P WALKER, J

AMS 325 AMERICAN MUSIC
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 342.
• 31105 MWF 200 - 300P MRH 2.634 LEWIS, H

INFORMATION SOCIETY/BEYOND
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 RTF 331N (TOPIC 1).
• 31110 TTH 930 - 1100 BMC 4.204 STROVER, S

SCREENING RACE
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 RTF 323C, AFR 372E.
• 31115 TTH 330 - 500P CMA 3.116 MCCLEAREN, J
T 500 - 730P CMA 3.116

2-PAINTING IN AMERICA TO 1860
Course number may be repeated for credit when the topics vary. Study of American culture and society through media and the arts. Painting in British colonial North America and the United States prior to the Civil War. Only one of the following may be counted: American Studies 325 (Topic 2), Art History 339N, 374 (Topic 1). Prerequisite: Varies with the topic. same as ARH 339N.
• 31120 TTH 330 - 500P DFA 2.204 RATHER, S

course unique days time room instructor

3-US PAINTING: 1860-1913
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of American culture and society through media and the arts. Painting in the United States from the Civil War to the Armory Show. Only one of the following may be counted: American Studies 325 (Topic 3), Art History 339P, 374 (Topic 2). Prerequisite: Varies with the topic. same as ARH 339P.
• 31124 TTH 330 - 500P DFA 2.204 RATHER, S

AMS 327 NATIVE AMERICAN RELIGION
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of religion and philosophy in American culture. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. meets with R S 346D.
• 31125 MW 100 - 230P CMA 5.190 GRABER, J

SCIENCE, MAGIC, RELIGION
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of religion and philosophy in American culture. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. meets with ANT 324C, AFR 372G, R S 373L.
• 31130 TTH 330 - 500P CMA 3.114 CROSSON, J

VIEWS OF ISLAM IN THE US
Course number may be repeated for credit when the topics vary. Interdisciplinary exploration of religion and philosophy in American culture. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. meets with ISL 372, R S 346.
• 31135 TTH 1100 - 1230P MEZ 1.204 HILLMANN, M

AMS 330 MDRNSM IN AM DESIGN/ARCH
A historical survey of artifacts, buildings, and urban environments, focusing on responses to machine-age civilization. Only one of the following may be counted: American Studies 330, Art History 339Q, Urban Studies 352 (Topic: Modernism in American Design andArchitecture), 352 (Topic 5). Prerequisite: Upper-division standing. same as ARH 339Q, URB 352 (TOPIC 5).
• 31140 TTH 200 - 330P SAC 5.102 MEIKLE, 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.
• 31145 TTH 1230 - 200P BUR 130 SMITH, M

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.
• 31150 MW 400 - 530P BUR 220 GAUGHEN, B

AMS 370 AMERICAN UTOPIAS
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.
• 31155 TTH 1100 - 1230P BUR 436A GAUGHEN, B

ENERGY AND US CAPITALISM
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.
• 31157 TTH 930 - 1100 BUR 436A BEASLEY, B

GLOBAL CITIES IN THE U.S.
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.
• 31159 TTH 200 - 330P BUR 436A BEASLEY, B

5-RACE, LAW, AND US SOCIETY
Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Examines the intersection of racial ideology and legal culture in the United States. Only one of the following may be counted: African and African Diaspora Studies 360, 372F (Topic: Race, Law, and US Society), American Studies 370 (Topic: Race, Law, and US Society), 370 (Topic 5), History 365G (Topic: Race, Law, and US Society), 365G (Topic 13). Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. Additional prerequisite: Upper-division standing. same as AFR 360, HIS 365G (TOPIC 13).
• 31160 TTH 330 - 500P BUR 224 THOMPSON, S

18-THE BEATS/AMER CUL, 1945-90
Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Examines writers such as Kerouac, Ginsberg, and Burroughs during the immediate post-World War II era. Considers their historical origins, their representations of society and culture, and their influence from the 1960s through the 1980s on writers and artists in a variety of fields. Prerequisite: Upper-division standing; additional prerequisites may varywith the topic.
• 31165 W 630 - 930P BUR 436A MEIKLE, J

30-WOMEN IN POSTWAR AMERICA
Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Only one of the following may be counted: American Studies 370 (Topic 30), History 350R (Topic 8), Women's and Gender Studies 345 (Topic 37). Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. same as HIS 350R (TOPIC 8), WGS 345 (TOPIC 37).
• 31170 TTH 200 - 330P GAR 2.128 GREEN, L

41-VIENNA: MEMORY/THE CITY-AUT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Examines the ways in which cultural memory has shaped, and continues to shape, urban life in Vienna, Austria. Only one of the following may be counted: American Studies 315 (Topic: Vienna: Memory and the City), 370 (Topic 41), European Studies 306 (Topic: Vienna: Memory and the City), 346 (Topic 5), Geography 309 (Topic: Vienna: Memory and the City), Germanic Civilization 311 (Topic: Vienna: Memory and the City), History 306N (Topic: Vienna: Memory and the City), 362G (Topic 2), Urban Studies 305 (Topic: Vienna: Memory and the City), 354 (Topic 7). Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. Additional prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 10. Taught in Vienna, Austria. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates. same as EUS 346 (TOPIC 5), HIS 362G (TOPIC 2), URB 354 (TOPIC 7). also meets with GRG 356T.
• 31175 HOELSCHER, S

45-FEM INTERVNT BORDERLAND HIS
Course number may be repeated for credit when the topics vary. Interdisciplinary seminar on themes in American life. Provides an in-depth understanding of the social, economic, and spatial transformations of the United States/Mexico borderlands in the nineteenth and early twentieth centuries. Only one of the following may be counted: American Studies 370 (Topic: Feminist Interventions in Borderlands History), 370 (Topic 45), Mexican American Studies 374 (Topic: Feminist Interventions in Borderlands History), 374 (Topic 38), Women's and Gender Studies 340 (Topic: Feminist Interventions in Borderlands History), 340 (Topic 45). Prerequisite: Upper-division standing; additional prerequisites may varywith the topic. same as MAS 374 (TOPIC 38), WGS 340 (TOPIC 45).
• 31180 MW 1000 - 1130 BUR 436B GUIDOTTI-HERNANDEZ

AMS 372 CONFERENCE COURSE
May be repeated for credit. Supervised individual study of selected subjects in American studies. Prerequisite: Upper-division standing and consent of instructor.
• 31185

AMS 679HB 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.
• 31190

AMS 386 CULTURAL HIST OF US SINCE 1865
An interdisciplinary cultural history survey of the United States. Prerequisite: Graduate standing and consent of the graduate adviser. meets with WGS 393.
• 31195 T 200 - 500P BUR 436B DAVIS, J

AMS 390 LANDMARKS IN ETHNIC STUDIES
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.
• 31200 W 100 - 400P BUR 436B CORDOVA, C

20TH-CEN US SOCIAL MOVEMENTS
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 HIS 389.
• 31205 TH 200 - 500P BUR 436B DAVIS, J

AMS 391 CRIT APPR TO YA FICTIONS
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 MAS 392, E 395M, WGS 393.
• 31210 M 1200 - 300P CAL 323 PEREZ, D

VISUALIZING SLAVERY
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 ARH 393D, AFR 387D.
• 31215 W 900 - 1200 ART 3.432 CHAMBERS, E

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.
• 31220

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.
• 31225

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.
• 31230

course	unique	days	time	room	instructor

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.
• 31235

AMS 398T SUPV TEACHING IN AMERICAN STDS
Seminar in the methods of interdisciplinary teaching and professional work in American studies. Prerequisite: Graduate standing in American studies and consent of the graduate adviser.

• 31240	M	1200 - 300P	BUR 436B	MARSHALL, S

AMS 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 31245

AMS 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 31250

AMS 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 31255

AMS 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: American Studies 399R, 699R, or 999R.
• 31260

AMS 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: American Studies 399R, 699R, or 999R.
• 31265

AMS 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: American Studies 399R, 699R, or 999R.
• 31270

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.

• 31325	MW	900 - 1000	JES A121A	SHAPIRO, L
	F	800 - 1000	SAC 5.172	
• 31330	MW	900 - 1000	JES A121A	SHAPIRO, L
	M	1000 - 1200	SAC 5.172	
• 31335	MW	900 - 1000	JES A121A	SHAPIRO, L
	W	1000 - 1200	SAC 5.172	
• 31340	MW	900 - 1000	JES A121A	SHAPIRO, L
	F	1000 - 1200	SAC 5.172	
• 31345	MW	900 - 1000	JES A121A	SHAPIRO, L
	M	300 - 500P	SAC 5.172	
• 31350	MW	900 - 1000	JES A121A	SHAPIRO, L
	T	300 - 500P	SAC 5.172	
• 31355	MW	900 - 1000	JES A121A	SHAPIRO, L
	W	300 - 500P	SAC 5.172	
• 31360	MW	900 - 1000	JES A121A	SHAPIRO, L
	TH	300 - 500P	SAC 5.172	
• 31365	MW	900 - 1000	JES A121A	SHAPIRO, L
	F	300 - 500P	SAC 5.172	
• 31370	MW	900 - 1000	JES A121A	SHAPIRO, L
	F	300 - 500P	SAC 5.172	
• 31375	MW	900 - 1000	JES A121A	SHAPIRO, L
	M	500 - 700P	SAC 5.172	
• 31380	MW	900 - 1000	JES A121A	SHAPIRO, L
	T	500 - 700P	SAC 5.172	
• 31385	MW	900 - 1000	JES A121A	SHAPIRO, L
	W	500 - 700P	SAC 5.172	
• 31390	MW	900 - 1000	JES A121A	SHAPIRO, L
	TH	500 - 700P	SAC 5.172	

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.

• 31395				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.

• 31400	MW	800 - 900	JES A121A	SERIFF, S
	T	830 - 930	SAC 4.118	
• 31405	MW	800 - 900	JES A121A	SERIFF, S
	TH	830 - 930	SAC 4.118	
• 31410	MW	800 - 900	JES A121A	SERIFF, S
	F	900 - 1000	SAC 4.118	
• 31415	MW	800 - 900	JES A121A	SERIFF, S
	M	1200 - 100P	SAC 4.118	
• 31420	MW	800 - 900	JES A121A	SERIFF, S
	W	1200 - 100P	SAC 4.118	
• 31425	MW	800 - 900	JES A121A	SERIFF, S
	F	1200 - 100P	SAC 4.118	
• 31430	MW	800 - 900	JES A121A	SERIFF, S
	TH	200 - 300P	SAC 4.118	
• 31435	MW	800 - 900	JES A121A	SERIFF, S
	M	300 - 400P	SAC 4.118	
• 31440	MW	800 - 900	JES A121A	SERIFF, S
	W	300 - 400P	SAC 4.118	
• 31445	MW	800 - 900	JES A121A	SERIFF, S
	F	300 - 400P	SAC 4.118	
• 31450	MW	800 - 900	JES A121A	SERIFF, S
	M	400 - 500P	SAC 4.118	
• 31455	MW	800 - 900	JES A121A	SERIFF, S
	W	400 - 500P	SAC 4.118	
• 31460	MW	1200 - 100P	RLP 0.112	
	W	900 - 1000	SAC 4.118	
• 31465	MW	1200 - 100P	RLP 0.112	
	F	900 - 1000	SAC 4.118	
• 31470	MW	1200 - 100P	RLP 0.112	
	F	100 - 200P	SAC 4.118	
• 31475	MW	1200 - 100P	RLP 0.112	
	F	200 - 300P	SAC 4.118	

ANT 304 INTRO ARCHAEOL STDS: PREHIST
Designed to accommodate 100 or more students. Anthropological study of prehistory, from human beginnings to the appearance of written records.

• 31480	MW	900 - 1000	GEA 105	COVEY, R
	F	900 - 1000	SAC 4.174	
• 31485	MW	900 - 1000	GEA 105	COVEY, R
	W	1200 - 100P	SAC 4.174	
• 31490	MW	900 - 1000	GEA 105	COVEY, R
	M	200 - 300P	SAC 4.174	
• 31495	MW	900 - 1000	GEA 105	COVEY, R
	W	200 - 300P	SAC 4.174	
• 31500	MW	900 - 1000	GEA 105	COVEY, R
	F	300 - 400P	SAC 4.174	
• 31505	MW	900 - 1000	GEA 105	COVEY, R
	W	400 - 500P	SAC 4.174	
• 31510	MW	1100 - 1200	BEL 328	DENBOW, J
	M	900 - 1000	SAC 4.174	
• 31515	MW	1100 - 1200	BEL 328	DENBOW, J
	M	1200 - 100P	SAC 4.174	
• 31520	MW	1100 - 1200	BEL 328	DENBOW, J
	F	1200 - 100P	SAC 4.174	
• 31525	MW	1100 - 1200	BEL 328	DENBOW, J
	F	200 - 300P	SAC 4.174	
• 31530	MW	1100 - 1200	BEL 328	DENBOW, J
	M	300 - 400P	SAC 4.174	
• 31535	MW	1100 - 1200	BEL 328	DENBOW, J
	W	300 - 400P	SAC 4.174	

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.

• 31540	T	200 - 400P	UTC 4.110	CAMPBELL, C
	F	900 - 1000	GAR 0.120	
• 31545	T	200 - 400P	UTC 4.110	CAMPBELL, C
	F	1000 - 1100	SZB 284	
• 31550	T	200 - 400P	UTC 4.110	CAMPBELL, C
	F	1100 - 1200	RLP 0.106	
• 31555	T	200 - 400P	UTC 4.110	CAMPBELL, C
	F	1200 - 100P	SZB 286	

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.

• 31560	TTH	930 - 1030	ECJ 1.202	HANDMAN, C
	W	800 - 900	SAC 4.118	
• 31565	TTH	930 - 1030	ECJ 1.202	HANDMAN, C
	M	900 - 1000	SAC 4.118	
• 31570	TTH	930 - 1030	ECJ 1.202	HANDMAN, C
	T	300 - 400P	SAC 4.118	

10/11/2018

course	unique	days	time	room	instructor
	• 31575	TTH	930 - 1030	ECJ 1.202	HANDMAN, C
		TH	300 - 400P	SAC 4.118	
	• 31580	TTH	930 - 1030	ECJ 1.202	HANDMAN, C
		T	400 - 500P	SAC 4.118	
	• 31585	TTH	930 - 1030	ECJ 1.202	HANDMAN, C
		TH	400 - 500P	SAC 4.118	

ANT 310D INTRODUCTION TO BLACK STUDIES

Introduction to canonical black studies literature, themes, and theories. Only one of the following may be counted: African and African Diaspora Studies 303, Anthropology 310D, 310L (Topic: Intro to African and African Diaspora Studies). 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. same as AFR 303.

course	unique	days	time	room	instructor
	• 31590	MW	1130 - 100P		GORDON, E

ANT 310L AFRICAN DIASPORA ARCHAEOLOGY

Course number may be repeated for credit when the topics vary. meets with AFR 317E.

course	unique	days	time	room	instructor
	• 31595	MW	100 - 230P	SAC 4.118	FRANKLIN, M

INTRO TO JEWISH LATIN AMERICA

Course number may be repeated for credit when the topics vary. meets with LAS 315, J S 311, R S 313.

course	unique	days	time	room	instructor
	• 31600	TTH	1100 - 1230P	GDC 2.410	WEINREB, A

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.

course	unique	days	time	room	instructor
	• 31605	MW	230 - 400P	PAR 306	MAES, C

6-BLACK QUEER ART WORLDS

Course number may be repeated for credit when the topics vary. Exploration of over two decades of work produced by and about black queer subjects throughout the circum-Atlantic world. Provides an introduction to various artists and intellectuals of the black queer diaspora, as well as an examination of the viability of black queer aesthetic practice as a form of theorizing. Only one of the following may be counted: African and African Diaspora Studies 317E (Topic: Black Queer Diaspora Aesthetics), 317E (Topic 1), Anthropology 310L (Topic: Black Queer Diaspora Aesthetics), 310L (Topic 6), Women's and Gender Studies 301 (Topic: Black Queer Diaspora Aesthetics), 301 (Topic 17). same as AFR 317E (TOPIC 1), WGS 301 (TOPIC 17).

course	unique	days	time	room	instructor
	• 31610	TTH	500 - 630P	PAR 206	GILL, L

9-AZTECS AND SPANIARDS

Course number may be repeated for credit when the topics vary. Focus on how imperial expansion affected the daily life of people in theAztec empire after the Spanish conquest. Examines the daily life of different people in the Aztec empire and the themes of human sacrifice, conquest, warfare, and religion. Explores social and cultural heterogeneity in both of these empires, in order to familiarize studentswith the diverse lines of evidence available to study these empires, and to understand processes of historical change among the Aztecs and the Spanish empire. Only one of the following may be counted: Anthropology 310L (Topic: Aztecs and Spaniards), 310L (Topic 9), Latin American Studies 315 (Topic: Aztecs and Spaniards). meets with LAS 315.

course	unique	days	time	room	instructor
	• 31615	MWF	1000 - 1100	SAC 4.174	RODRIGUEZ, E

ANT 320L 4-AMER INDIAN LANGS AND CULS

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. Prerequisite: Varies with the topic. Prerequisite: Anthropology 302. meets with LIN 373.

course	unique	days	time	room	instructor
	• 31620	TTH	1100 - 1230P	SAC 4.174	WEBSTER, A

ANT 324C SCIENCE/MAGIC/RELIGION

Historical and cross-cultural overview of the constructed concepts of magic, science, and religion through comparative examinations of cultural contexts from the Islamic world, western Europe, the Caribbean, the U.S., and Mozambique. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: Science, Magic, and Religion), American Studies 327(Topic: Science, Magic, Religion), Anthropology 324L (Topic: Science, Magic, & Religion), 324C, Religious Studies 373 (Topic: Science, Magic, & Religion), 373 (Topic 6), 373L. Prerequisite: Upper-division standing. same as R S 373L. also meets with AFR 372G, AMS 327.

course	unique	days	time	room	instructor
	• 31625	TTH	330 - 500P	CMA 3.114	CROSSON, J

ANT 324L 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.

course	unique	days	time	room	instructor
	• 31630	TTH	1100 - 1230P	SRH 1.320	CANOVA, P

MAYA ART AND ARCHITECTURE-GUA

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. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. Restricted to students in the Maymester Abroad Program. Class meets June 5-July 2. Taught at Casa Herrera, Antigua, Guatemala. Students must consult with department as travel and orientation dates may be in addition to these dates. meets with GRG 356T, ARH 347M, LAS 327 (TOPIC 5).

course	unique	days	time	room	instructor
	• 31635				STUART, D

SELF & CULTURE IN NORTH KOREA

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.

course	unique	days	time	room	instructor
	• 31640	TTH	200 - 330P	MEZ 1.204	OPPENHEIM, R

SHAMANISM & THE PRIMITIVE

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 352, ANS 340, REE 345.

course	unique	days	time	room	instructor
	• 31645	MW	230 - 400P	RLP 0.118	ROBERTS, J

SONIC ETHNOGRAPHY

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.

course	unique	days	time	room	instructor
	• 31650	TTH	1230 - 200P	SAC 4.118	PETERSON, M

17-NATURE, SOCIETY, & ADAPTATN

Course number may be repeated for credit when the topics vary. Long term trajectories of change in human environment relationships, including issues of human evolution and human nature, violence, population, food, agriculture, urbanization, globalizing modernization, and environmental impacts; issues of sustainability, cultural survival, human rights, and environmental protection. Some topics partially fulfill legislative requirement for American history. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 331K.

course	unique	days	time	room	instructor
	• 31655	TTH	1100 - 1230P	RLP 0.108	KNAPP, G

24-ARCHAEOL OF AFRICAN THOUGHT

Course number may be repeated for credit when the topics vary. Archaeological, historical, and ethnographic data as they relate to the foundations of contemporary African and African American societies. Some topics partially fulfill legislative requirement for American history. African and African Diaspora 372G (Topic 3) and Anthropology 324L (Topic 24) may not both be counted. Prerequisite: Varies with the topic. same as AFR 372G (TOPIC 3). also meets with ANT 380K.

course	unique	days	time	room	instructor
	• 31660	MWF	100 - 200P	SAC 4.174	DENBOW, J

49-GLOBAL MRKTS & LOCAL CULS

Course number may be repeated for credit when the topics vary. Examines contemporary theories of globalization, including materials exploring global governance, international monetary policy, migration regulation, offshoring, and cultural hybridity. Focuses on case studies in Asia and elsewhere that reveal how these practices impact particular communities. Some topics partially fulfill legislative requirement for American history. Only one of the following may be counted: Anthropology 324L (Topic: Global Markets and Local Cultures), 324L (Topic 49), Asian Studies 361 (Topic 31), 372 (Topic: Global Markets and Local Cultures), 372 (Topic 26). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as ANS 361 (TOPIC 31).

course	unique	days	time	room	instructor
	• 31665	TTH	200 - 330P	GAR 2.112	HINDMAN, H

56-ETHNOGRAPHIC WRITING

Course number may be repeated for credit when the topics vary. Writing workshop consisting of a series of exercises to add density and texture to ethnographic description by including attention to scene, character, event, situation, and dialogue. Some topics partially fulfill legislative requirement for American history. Only one of the following may be counted: Anthropology 324L (Topic: Ethnographic Writing), 324L (Topic: Writing Ethnography), 324L (Topic 56). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.

course	unique	days	time	room	instructor
	• 31670	TH	300 - 600P	SAC 5.118	STEWART, K

57-ARCHAEOL OF CLIMATE CHANGE

Course number may be repeated for credit when the topics vary. Examines why climate changes, the methods for recording climate change, and includes case studies of the varied responses of past human societies to climate change in different geographic regions and time periods with varying socio-political and economic systems. Some topics partially fulfill legislative requirement for American history. Only one of the following may be counted: Anthropology 324L (Topic: Archaeology of Climate Change), 324L (Topic 57), Geography 356 (Topic: Archaeology of Climate Change). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. meets with GRG 356.

course	unique	days	time	room	instructor
	• 31675	MW	100 - 230P	PAR 1	ROSEN, A

58-DIGITAL DAT SYS IN ARCHAEOL

Course number may be repeated for credit when the topics vary. Designed to help students understand the basic knowledge and skills needed to operate digital equipment (e.g. GPS and Total Data Stations) commonly used for collecting location data on archaeological sites. Instruction on mapping and grid systems translates into "hands-on" instrument operation in simulated archaeological field conditions. Provides an introduction to GIS software and its applications in archaeology as well as an overview of near-surface sensing techniques. Some topics partially fulfill legislative requirement for American history. Anthropology 324L (Topic: Digital Data Systems in Archaeology) and 324L (Topic 58) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. Taught at J. J. Pickle Research Campus in Austin, Texas.

course	unique	days	time	room	instructor
	• 31680	W	300 - 600P	T5D 1.102	JARVIS, J

64-BRONZE/IRON AGE ATLNTC EUR

Course number may be repeated for credit when the topics vary. Introduction to the archaeology of Atlantic Europe with particular emphasis on the Bronze Age and Iron Age periods. Examines the diversity and commonalities of European adaptations, investigates how geography influenced trade of goods and ideas, as well as the profound changes brought about by a new conceptualization of the world and the innovations of the Bronze and Iron Ages. Some topics partially fulfill legislative requirement for American history. Anthropology 324L (Topic: Bronze Age and Iron Age Atlantic Eu-

rope) and 324L (Topic 64) may not both be counted. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing.
• 31685 TTH 930 - 1100 SAC 4.174 WADE, M

72-DEVLPMENT/SECURITY/SOCIETY
Course number may be repeated for credit when the topics vary. Explores the linkages between development, security, and, society. Examines a series of recent transformations that have drawn the relationship between international development and various forms of security together. Through an exploration of recent anthropological work, examines subjects such as: human security, the relationship between development and humanitarian intervention, strategies for planning in the face of climate change, disaster management, and new technologies of warfare and security. Some topics partially fulfill legislative requirement for American history. Anthropology 324L (Topic: Human Securities/Insecurities) and 324L (Topic 72) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 31690 TTH 1230 - 200P RLP 0.112 CONS, J

77-BLACKS/ASIANS: RACE/SOC MOV
Course number may be repeated for credit when the topics vary. Examines the relations between Asians and Blacks in the United States. Some topics partially fulfill legislative requirement for American history. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Blacks/Asians: Race/Social Movements), 374D (Topic 19), Anthropology 324L (Topic: Blacks/Asians: Race/Social Movements), 324L (Topic 77), Asian American Studies 330 (Topic: Blacks/Asians: Race/Social Movements), 330 (Topic 3). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AAS 330 (TOPIC 3), AFR 374D (TOPIC 19).
• 31695 MWF 1000 - 1100 CMA 3.114 BHALODIA, A

ANT 325L MULTICULTURAL ISRAEL
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 365, MES 341.
• 31700 TTH 1230 - 200P GDC 2.410 WEINREB, A

11-CULTRL HERITAGE ON DISPLAY
Course number may be repeated for credit when the topics vary. Consideration of folklore in different culture areas of the Western Hemisphere. Explores the public construction and display of traditional American folk culture by studying popular folklife-oriented tourist sites. American Studies 321 (Topic: Cultural Heritage on Display) and Anthropology 325L (Topic 11) may not both be counted. Prerequisite: Varies with the topic. meets with AMS 321.
• 31705 MWF 1000 - 1100 SAC 4.118 SERIFF, S

19-CULTURES OF SUSTAINABILITY
Course number may be repeated for credit when the topics vary. Consideration of folklore in different culture areas of the Western Hemisphere. Examines how ecological concerns are articulated and perceived in different cultural contexts. Anthropology 325L (Topic: Cultures of Sustainability) and 325L (Topic 19) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 31710 TTH 1100 - 1230P SAC 4.118 HARTIGAN, J

ANT 326E PLAINS ARCHAEOL: PREHIST/HIST
Explores the evidence of human activities on the central and southern plains from prehistoric to historical times (ca. 11,000 BC to ca. AD 1850). Anthropology 324L (Topic: Plains Archaeology: Prehistory and History) and 326E may not both be counted. Prerequisite: Upper-division standing.
• 31715 TTH 330 - 500P SAC 4.174 WADE, M

ANT 330C THEORIES OF CULTURE & SOCIETY
Examination of the theoretical approaches that have established the intellectual foundations of contemporary sociocultural anthropology. Prerequisite: Upper-division standing.
• 31720 TTH 930 - 1100 SAC 4.118 CONS, J

ANT 347C METHODS IN PRIMATE BIOLOGY
The study of primate behavior and the methods by which animal behavior is observed and documented. Students conduct a research project and write a report. Prerequisite: Anthropology 346L , 346M , or Biology 359K with a grade of at least C.
• 31725 MWF 200 - 300P SAC 5.172 LEWIS, R

ANT 349C HUMAN VARIATION
The patterns of biological variation within and between human populations. Examines physical, genetic, and behavioral traits, and considers both the microevolutionary and cultural processes that influence those traits. Anthropology 348K (Topic: Human Variation) and 349C may not both be counted. Prerequisite: Anthropology 301. meets with BIO 337.
• 31730 MW 300 - 400P RLP 0.112
M 1200 - 100P SAC 5.172
• 31735 MW 300 - 400P RLP 0.112
W 1200 - 100P SAC 5.172
• 31740 MW 300 - 400P RLP 0.112
F 1200 - 100P SAC 5.172

ANT 350C PRIMATE SENSORY ECOLOGY
An integrated perspective on the comparative anatomy, physiology, and ecological significance of sensory adaptations in primates. Prerequisite: Anthropology 301.
• 31745 TTH 930 - 1100 SAC 5.172 KIRK, E

ANT 351E PRIMATE EVOLUTION
Examination of the fossil record for nonhuman primate evolution, including basic concepts of the anatomy, ecology, and systematics of living primates. Prerequisite: Anthropology 301.
• 31750 TTH 1100 - 1230P SAC 5.172 SHAPIRO, L

ANT 366 ANAT AND BIO OF HUMAN SKELETON
Comprehensive study of the human skeleton, with special attention to methods of identification. Prerequisite: Upper-division standing and Anthropology 301.
• 31755 TTH 1230 - 100P SAC 5.172 KIRK, E
TTH 100 - 300P SAC 5.172

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.
• 31760 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.
• 31765

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.
• 31770

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.
• 31775

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.
• 31780

ANT 380K ANTHROPOCENE IN THE LONGUE DUR
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. meets with GRG 396T.
• 31785 M 300 - 600P SAC 5.118 BEACH, T

ARCHAEOLOGY OF AFRICAN THOUGHT
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. meets with AFR 372G (TOPIC 3), ANT 324L (TOPIC 24).
• 31790 MWF 100 - 200P SAC 4.174 DENBOW, J

ANT 384M CERAMIC ANALYSIS
Course number may be repeated for credit when the topics vary. Prehistoric cultural developments of a major geographical area; comparative cultural developments in ecologically similar areas. Prerequisite: Graduate standing.
• 31795 W 200 - 500P SAC 5.124 RODRIGUEZ, E

ANT 388 APPLIED DATA ANALYSIS
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.
• 31800 TH 200 - 500P SAC 5.112 DI FIORE, A

ANT 389K 19-RACE/ETHNCTY IN AMER SOCTY
Course number may be repeated for credit when the topics vary. Anthropological surveys and analyses of societies and cultures of distinctive world areas. Prerequisite: Graduate standing. same as LAS 391 (TOPIC 5). also meets with LAS 391, MAS 392.
• 31805 W 200 - 500P SAC 5.118 MENCHACA, M

ANT 391 BLACK QUEER DIASPORA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with AFR 388, WGS 393.
• 31810 T 1230 - 330P GWB 1.138 GILL, L

INDIG PPLS NEOLIB AND STATE
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with LAS 391.
• 31815 T 200 - 500P SAC 5.118 CANOVA, P

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course	unique	days	time	room	instructor
	RSCH & GRANT PROPOSAL WRITING Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.				
	• 31820	TH	200 - 500P	SAC 5.124	HANDMAN, C
	VIOLENCE, TRAUMA, MEMORY Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.				
	• 31825	TH	1000 - 100P	SAC 5.118	SMITH, C
ANT 392J	PHYS ANTHRO: BEHAV, GEN, VAR Core course for physical anthropology students. Prerequisite: Graduate standing.				
	• 31830	W	900 - 1200	SAC 5.124	LEWIS, R
ANT 392N	INTRO TO GRAD LING ANTHROPOL Core course. Prerequisite: Graduate standing and consent of instructor. same as LIN 396 (TOPIC 2).				
	• 31835	W	100 - 400P	SAC 4.114	KEATING, E
ANT 392P	INTRO TO CULTURAL FORMS Core course. Prerequisite: Graduate standing.				
	• 31840	M	100 - 400P	SAC 4.120	HARTIGAN, J
ANT 392S	INTRO GRADUATE FEMINIST ANTHRO Core course. Prerequisite: Graduate standing.				
	• 31845	T	1000 - 100P	SAC 5124	STRONG, P
ANT 393	ANTHROPOLOGY OF POETRY 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.				
	• 31850	T	200 - 500P	SAC 4.114	WEBSTER, A
ANT 394M	OBJECT LESSONS Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.				
	• 31855	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.				
	• 31860				
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.				
	• 31865				
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.				
	• 31870				
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.				
	• 31875				
ANT 399R	DISSERTATION Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.				
	• 31880				
ANT 699R	DISSERTATION Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.				
	• 31885				
ANT 999R	DISSERTATION Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.				
	• 31890				
ANT 399W	DISSERTATION Offered on the credit/no credit basis only. Prerequisite: Anthropology 399R, 699R, or 999R.				
	• 31895				
ANT 699W	DISSERTATION Offered on the credit/no credit basis only. Prerequisite: Anthropology 399R, 699R, or 999R.				
	• 31900				
ANT 999W	DISSERTATION Offered on the credit/no credit basis only. Prerequisite: Anthropology 399R, 699R, or 999R.				
	• 31905				

DEPARTMENT OF MILITARY SCIENCE

Military Science - M S

course	unique	days	time	room	instructor
M S 000	LEADERSHIP LABORATORY Designed to accommodate 100 or more students. 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.				
	• 31960	TH	330 - 630P	UTC 3.122	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.				
	• 31965	MWF	800 - 900	RLP 5.410	HAMBLET, H
M S 209K	BASIC MILITARY SCIENCE I-B Additional hour(s) to be arranged. Military Science 103, 203 and 209K may not both be counted. Prerequisite: Concurrent enrollment in Military Science 000.				
	• 31970	MW	1000 - 1100	RLP 5.410	KEILTY, T
M S 219K	BASIC MILITARY SCIENCE II-B Additional hour(s) to be arranged. Offered on the letter-grade basis only. Military Science 212 and 219K may not both be counted. Prerequisite: Concurrent enrollment in Military Science 000.				
	• 31975	MW	100 - 200P	RLP 5.410	SHUMPERT, E
M S 329K	ADVANCE MILITARY SCIENCE III-B Additional hour(s) to be arranged. Offered on the letter-grade basis only. Military Science 320K and 329K may not both be counted. Prerequisite: Concurrent enrollment in Military Science 000 and approvalof departmental representative.				
	• 31980	TTH	200 - 330P	RLP 5.410	SHUMPERT, E
M S 339K	ADVANCED MILITARY SCIENCE IV-B Offered on the letter-grade basis only. Military Science 339K and 375K may not both be counted. Prerequisite: Concurrent enrollment in Military Science 000 and approvalof departmental representative.				
	• 31985	MWF	900 - 1000	RLP 5.412	O'NEILL, M
M S 379K	ADVANCED MILITARY SCIENCE V-B 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.				
	• 31990	TTH	800 - 930	RLP 5.410	O'NEILL, M

CENTER FOR ASIAN AMERICAN STUDIES

Asian American Studies - AAS

course	unique	days	time	room	instructor
AAS 301	INTRO TO ASIAN AMER STUDIES Introduces the interdisciplinary study of Asian immigrants and Asian Americans in the United States. Explores key concepts, including immigration history, identity and community formation, cultural representation, and the intersections of race, class, gender, and sexuality. Only one of the following may be counted: American Studies 315 (Topic: Introduction to Asian American Studies), 315 (Topic 1), Asian American Studies 301, Sociology 308 (Topic: Introduction to Asian American Studies). same as AMS 315 (TOPIC 1).				
	• 32045	TTH	200 - 330P	BUR 134	TANG, E
AAS 310	IMMIGRATION AND ETHNICITY Course number may be repeated for credit when the topics vary. An introduction to Asian American studies through a variety of disciplines. Prerequisite: Varies with the topic. meets with HIS 317L, MAS 319.				
	• 32050	TTH	1230 - 200P	GAR 2.112	HSU, M
	4-ASIAN AMER CREATIVE ARTS Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An introduction to Asian American studies through a variety of disciplines. Issues and identities shaped by issues of race, ethnicity, gender, immigration status, and family dynamics. These subjects are explored through production of literary, artistic, performance, or other creative projects. Only one of the following may be counted: American Studies 315 (Topic: Asian American Theatre and Dance), Asian American Studies 310 (Topic: Asian American Theatre and Dance), 310 (Topic 4), Theatre and Dance 311T (Topic: Asian American Theatre and Dance). Prerequisite: Varies with the topic. meets with WGS 301, T D 311T.				
	• 32055	MWF	1100 - 1200	RLP 1.108	SHORB, K
AAS 320	JPN POP CUL:ANIME/MANGA/OTAKU 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 ANS 372.				
	• 32059	TTH	1100 - 1230P	GDC 4.304	SCHAUB, J
	7-RACE/INTERNET/SOCIAL MEDIA Course number may be repeated for credit when the topics vary. Explores the critical, theoretical and practical analysis of race and new media. Only one of the following				

may be counted: American Studies 321 (Topic: Race, Internet & Social Media), American Studies 321 (Topic 12), Asian American Studies 320 (Topic: Race, Internet & Social Media), Asian American Studies 320 (Topic 7), Radio-Television-Film 359 (Topic: Race, Internet & Social Media). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AMS 321 (TOPIC 12). also meets with RTF 359.
• 32060 MWF 1100 - 1200 GDC 4.304 NAULT, C

AAS 325 POL ECON DEVEL POSTWAR KOREA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ANS 361.
• 32065 TTH 930 - 1100 MEZ 1.210 OH, Y

2-THE CHINESE IN DIASPORA
Course number may be repeated for credit when the topics vary. Explores narratives of migration, race, ethnicity, and a wide range of experiences of acculturation and assimilation from the perspective of a sending society--China--which has one of the longest and most diverse histories of sending people overseas. Over the last millennia, Chinese have migrated around the world and made homes under a great range of adversity and opportunity, producing many stories of human differences and commonalities. Only one of the following may be counted: Asian American Studies 325 (Topic: Chinese in Diaspora), 325 (Topic 2: The Chinese in Diaspora), Asian Studies 361 (Topic: Chinese in Diaspora), 361, 461 (Topic 28), History 350L (Topic: The Chinese in Diaspora), 350L (Topic 65: The Chinese Diaspora). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as ANS 361 (TOPIC 28), HIS 350L (TOPIC 65).
• 32070 TTH 930 - 1100 GAR 3.116 HSU, M

11-GLOBAL ECONOMIES: ASIA/US
Course number may be repeated for credit when the topics vary. Examines key trends in the economies of the United States and Asia, withemphasis on the links between these two major trading blocs. Only one of the following may be counted: Asian American Studies 325 (Topic: Global Economies: Asia & US), 325 (Topic 11), Asian Studies 361 (Topic: Global Economies: Asia & US), 361 (Topic 48). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as ANS 361 (TOPIC 48).
• 32075 T 330 - 630P MEZ 1.212 MAYS, S

AAS 330 ASIAN AMERICANS IN THE SOUTH
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 32080 MWF 100 - 200P CMA 3.114 BHALODIA, A

3-BLACKS/ASIANS: RACE/SOC MOV
Course number may be repeated for credit when the topics vary. Examines the relations between Asians and Blacks in the United States. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: Blacks/Asians: Race/Social Movements), 374D (Topic 19), Anthropology 324L (Topic: Blacks/Asians: Race/Social Movements), 324L (Topic 77), Asian American Studies 330 (Topic: Blacks/Asians: Race/Social Movements), 330 (Topic 3). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AFR 374D (TOPIC 19), ANT 324L (TOPIC 77).
• 32085 MWF 1000 - 1100 CMA 3.114 BHALODIA, A

AAS 378 COMMUNITY INTERNSHIP
Hour(s) to be arranged. Offered on the letter-grade basis only. 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.
• 32090

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 11-INTRODUCTION TO BUDDHISM
Course number may be repeated for credit when the topics vary. Discussion of various problems involving language, history, and culture in Asia. A structural and historical overview of Buddhism through the examination of various schools, doctrines, biographical narratives, and contemporary ethical issues. Only one of the following may be counted: Asian Studies 301M (Topic 11), Religious Studies 312 (Topic: Introduction to Buddhism), 312C. same as R S 312C.
• 32145 TTH 930 - 1100 UTC 1.132 FREIBERGER, O

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. also meets with CTI 310.
• 32155 MWF 1000 - 1100 UTC 3.102 BRERETON, J

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.
• 32160 MWF 200 - 300P RLP 0.112 LI, H

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).
• 32165 MW 230 - 400P PAR 306 MAES, C

ANS 340 DEVOTIONAL LIT OF INDIA
Designed to accommodate 35 or fewer students. 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.
• 32167 TTH 1230 - 200P MEZ 1.122

RELIGIONS IN CONTACT
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 R S 373.
• 32170 TTH 1230 - 200P MEZ 2.118 FREIBERGER, O

SHAMANISM & THE PRIMITIVE
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 R S 352, ANT 324L, REE 345.
• 32175 MW 230 - 400P RLP 0.118 ROBERTS, J

ANS 347K GOV AND POLITICS OF SOUTH ASIA
A survey of political developments, governmental organization, and economic and social problems in South Asia. Prerequisite: Six semester hours of lower-division coursework in government. same as GOV 347K.
• 32180 TTH 930 - 1100 JES A215A LIU, X

ANS 361 DEVELOPMENT AND MOVEMENT
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.
• 32185 TTH 1230 - 200P OH, Y

HIST FOOD/HEAL 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.
• 32190 MWF 1200 - 100P RLP 0.118 LAI, C

POL ECON DEVEL POSTWAR 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. Asian Studies 320 and 361 may not both be counted unless the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Topic title: Political economy of development in Postwar Korea. meets with AAS 325.
• 32195 TTH 930 - 1100 MEZ 1.210 OH, Y

SELF & CULTURE IN NORTH 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. 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 ANT 324L.
• 32200 TTH 200 - 330P MEZ 1.204 OPPENHEIM, R

10/17/2018

28-THE CHINESE IN DIASPORA

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. Explores narratives of migration, race, ethnicity, and a wide range of experiences of acculturation and assimilation from the perspective of a sending society--China--which has one of the longest and most diverse histories of sending people overseas. Over the last millennia, Chinese have migrated around the world and made homes under a great range of adversity and opportunity, producing many stories of human differences and commonalities. Asian Studies 320 and 361 may not both be counted unless the topics vary. Only one of the following may be counted: Asian American Studies 325 (Topic: Chinese in Diaspora), 325 (Topic 2: The Chinese in Diaspora), Asian Studies 361 (Topic: Chinese in Diaspora), 361, 461 (Topic 28), History 350L (Topic: The Chinese in Diaspora), 350L (Topic 65: The Chinese Diaspora). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AAS 325 (TOPIC 2), HIS 350L (TOPIC 65).

• 32205 TTH 930 - 1100 GAR 3.116 HSU, M

31-GLOBAL MRKTS & LOCAL CULS

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 contemporary theories of globalization, including materials exploring global governance, international monetary policy, migration regulation, offshoring, and cultural hybridity. Focuses on case studies in Asia and elsewhere that reveal how these practices impact particular communities. 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: Global Markets and Local Cultures), 324L (Topic 49), Asian Studies 361 (Topic 31), 372 (Topic: Global Markets and Local Cultures), 372 (Topic 26). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as ANT 324L (TOPIC 49).

• 32210 TTH 200 - 330P GAR 2.112 HINDMAN, H

32-HIST CHINESE LANG/TRANSLATN

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. In-depth study of the Chinese language and culture focusing on the cultural, social, historical, and political background against which the Chinese language has evolved and continues to evolve. Asian Studies 320 and 361 may not both be counted unless the topics vary. Asian Studies 361 (Topic: Lost in Translation: Chinese Language and Literature) and 361 (Topic 32) may not both be counted. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing.

• 32215 MWF 100 - 200P RLP 0.118 LAI, C

40-ASIAN RGNLISM/MULTILAT COOP

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. Addresses the nature, functional principles, leadership, and policy-making process of contemporary Asian regionalism in comparison tothe experiences of European integration. Asian Studies 320 and 361 may not both be counted unless the topics vary. Only one of the following may be counted: Asian Studies 361 (Topic: Asian Regionalism and Multilateral Cooperation), 361 (Topic 40), Government 365L (Topic: Asian Regionalism and Multilateral Cooperation),365L (Topic 5). 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 GOV 365L (TOPIC 5).

• 32220 TTH 1230 - 200P PAR 303 LIU, X

44-GENDER AND MODERN INDIA

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 gender and the shifting nature of modernity between precolonial and colonial periods in the Indian subcontinent. Asian Studies 320 and 361 may not both be counted unless the topics vary. Only one of the following may be counted: Asian Studies 361 (Topic: Gender and Modern India), 361 (Topic 44), History 364G (Topic: Gender and Modern India), 364G (Topic 13). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as HIS 364G (TOPIC 13). also meets with WGS 340.

• 32225 MW 400 - 530P GAR 1.126 CHATTERJEE, I

48-GLOBAL ECONOMIES: ASIA/US

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 key trends in the economies of the United States and Asia, with emphasis on the links between these two major trading blocs. Asian Studies 320 and 361 may not both be counted unless the topics vary. Only one of the following may be counted: Asian American Studies 325 (Topic: Global Economies: Asia & US), 325 (Topic 11), Asian Studies 361 (Topic: Global Economies: Asia & US), 361 (Topic 48). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as AAS 325 (TOPIC 11).

• 32230 T 330 - 630P MEZ 1.212 MAYS, S

ANS 362 RESEARCH 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. 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.

• 32235

ANS 372 JPN POP CUL:ANIME/MANGA/OTAKU

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. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with AAS 320.

• 32243 TTH 1100 - 1230P GDC 4.304 SCHAUB, J

CONTEMP JAPANESE LITERATURE

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. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.

• 32244 TTH 930 - 1100 BEN 1.124 KUEHL, M

ANS 678HB HONORS TUTORIAL COURSE

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Prerequisite: For 678HA, admission to the Asian Studies Honors Program; for 678HB, Asian Studies 678HA.

• 32250

ANS 379 CUL MEM/CLASSIC CHINESE NOV

Course number may be repeated for credit when the topics vary. 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. meets with C L 323.

• 32255 M 400 - 700P RLP 0.120 LAI, C

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.

• 32260

ANS 384 HINDUISM

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. meets with R S 394T.

• 32265 T 200 - 500P GAR 0.120 DAVIS, D

8-BODY IN INDIAN MEDICINE/MYTH

Designed to accommodate 35 or fewer students. 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. meets with R S 394T.

• 32269 M 500 - 800P WCH 4.118 SELBY, M

ANS 390 ANTHROPOLOGY OF EAST 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.

• 32270 T 500 - 800P RLP 0.124 OPPENHEIM, R

6-INTEL HIST INDO-IRAN ISLAM

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. same as HIS 388K (TOPIC 2), MES 381 (TOPIC 37). also meets with R S 394T.

• 32275 T 200 - 500P CAL 419 MOIN, A

ANS 391 GENDER AND DECOLONIAL HISTORIE

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 HIS 382N.

• 32280 T 400 - 700P GAR 1.122 CHATTERJEE, I

IDEAS OF THE EAST: GLOBAL HIST

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 MES 385, HIS 388K.

• 32285 T 330 - 630P CAL 422 KOYAGI, M

INVISIBLE GLOBAL MARKETING

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 MKT 382 (TOPIC 34), ADV 391K, P A 388K.

• 32290 TTH 930 - 1100 RRH 4.402 MAHAJAN, V

AUG 1/2018

course unique days time room instructor

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.
• 32295

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.
• 32300

ANS 698A THESIS
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 Asian studies and consent of the graduate adviser; for 698B, Asian Studies 698A.
• 32305

ANS 698B THESIS
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.
• 32310

ANS 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 Asian studies and consent of the graduate adviser.
• 32315

ANS 398T SUPERVISED TEACHING IN ANS
Offered on the credit/no credit basis only. Teaching under the close supervision of a faculty member. Includes weekly group meetings with the instructor, individual consultation, and reports throughout the teaching period. Prerequisite: Graduate standing, and written consent of instructor on a form obtained from the graduate coordinator.
• 32320

ANS 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.
• 32325

ANS 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 32330

ANS 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 32335

ANS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Asian Studies 399R, 699R, or 999R.
• 32340

ANS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Asian Studies 399R, 699R, or 999R.
• 32345

ANS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Asian Studies 399R, 699R, or 999R.
• 32350

BEN 507 FIRST-YEAR BENGALI II
Continuation of Bengali 506. Not open to native speakers of Bengali. Prerequisite: Bengali 506 with a grade of at least C.
• 32405 MW 300 - 400P RLP 0.124 SHAMIM, A
TTH 330 - 500P CAL 21

BEN 312L SECOND-YEAR BENGALI II
Continuation of Bengali 312K. Not open to native speakers of Bengali. Prerequisite: Bengali 312K with a grade of at least C.
• 32410 TTH 200 - 330P CAL 21 SHAMIM, A

BEN 360 CONF CRS IN BENGALI LANG & LIT
May be repeated for credit. Supervised individual study of selected problems in Bengali language andliterature. Prerequisite: Upper-division standing and written consent of instructor on form obtained from the undergraduate adviser.
• 32415

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.
• 32420

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.
• 32475 MWF 900 - 1000 BEN 1.106 LIN, Y
TTH 1100 - 1230P BEN 1.124

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.
• 32480 MWF 1100 - 1200 MEZ 1.212 CHANG, C
TTH 1100 - 1230P PAR 306
• 32485 MWF 1200 - 100P MEZ 2.124 CHANG, C
TTH 1100 - 1230P PAR 306
• 32490 MWF 100 - 200P RLM 7.112 TENG, W
TTH 200 - 330P RLM 5.124
• 32495 MWF 200 - 300P RLM 5.112 TENG, W
TTH 200 - 330P RLM 5.124

CHI 607 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.
• 32500 MWF 900 - 1000 RLM 5.112 CHEN, J
TTH 930 - 1100 PAR 303
• 32505 MWF 1000 - 1100 RLM 5.112 CHEN, J
TTH 930 - 1100 PAR 303
• 32510 MWF 200 - 300P MEZ 1.206 LIU, Y
TTH 1100 - 1230P PAR 303
• 32515 MWF 300 - 400P PAR 310 LIU, Y
TTH 1100 - 1230P PAR 303

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.
• 32520 MWF 100 - 200P MEZ 1.122 LIU, Y
TTH 200 - 330P MEZ 1.206

CHI 412K SECOND-YEAR CHINESE I
Designed to accommodate 35 or fewer students. 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.
• 32525 MW 1000 - 1100 BEN 1.106 LIN, Y
TTH 930 - 1030 MEZ 1.120
• 32530 MW 1100 - 1200 BEN 1.122 LIN, Y
TTH 930 - 1030 MEZ 1.120

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.
• 32535 MW 200 - 300P RLM 6.112 HSIEH, C
TTH 330 - 430P RLM 5.118
• 32540 MW 300 - 400P RLM 5.124 HSIEH, C
TTH 330 - 430P RLM 5.118

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.
• 32545 TTH 1230 - 200P 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.
• 32550 MWF 100 - 200P RLM 5.112 HSIEH, C

CHI 325K ADVANCED CONVERSATION I
Drill in conversation on general topics. Not open to native speakers of Chinese. Prerequisite: Chinese 412L with a grade of at least C.
• 32555 MWF 1000 - 1100 MEZ 1.212 CHANG, C

CHI 326 BUSINESS CHINESE
Advanced Chinese conversation, with emphasis on business vocabulary. Chinese 326 and 330 (Topic: Business Chinese) may not both be counted. Prerequisite: Chinese 612, 320K, or 325K with a grade of at least C.
• 32560 MWF 1100 - 1200 RLM 6.112 CHEN, J

CHI 341 CLASSICAL CHINESE POETRY
Study of Chinese poetry in the original. Chinese 340 (Topic: Classical Chinese Poetry) and 341 may not both be counted. Prerequisite: Chinese 320L with a grade of at least C.
• 32565 TTH 200 - 330P BUR 128 CHANG, S

10/11/2018

course	unique	days	time	room	instructor

CHI 360 CONF CRS IN CHINESE LANG & LIT

May be repeated for credit. Supervised individual study of selected problems in Chinese language or literature. Prerequisite: Upper-division standing and written consent of instructor on form obtained from the undergraduate adviser.

• 32570				

HIN 507 FIRST-YEAR HINDI II

Continuation of Hindi 506. Hindi 604 and 507 may not both be counted; Hindi 507 and Urdu 604 may not both be counted. Not open to native speakers of Hindi. Prerequisite: Hindi 506 with a grade of at least C.

• 32625	MW	200 - 300P	MEZ 1.122	SHAH, G
	TTH	200 - 330P	MEZ 1.118	
• 32630	MW	300 - 400P	MEZ 1.102	SHAH, G
	TTH	330 - 500P	MEZ 1.122	

HIN 612 ACCELERATED SECOND-YEAR HINDI

Continuation of Hindi 604. Hindi 612 and 312K may not both be counted; Hindi 612 and 312L may not both be counted. Prerequisite: Hindi 604 with a grade of at least C.

• 32635	MW	230 - 400P	MEZ 1.120	
	TTH	200 - 330P	MEZ 1.202	

HIN 312L SECOND-YEAR HINDI II

Continuation of Hindi 312K. Hindi 612 and 312L may not both be counted. Not open to native speakers of Hindi. Prerequisite: Hindi 312K with a grade of at least C.

• 32640	MW	400 - 530P	MEZ 1.212	

HIN 330 DEBATES IN HINDI LITERATURE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of specific subjects related to Hindi culture as reflected in its literary productions and other modes of expression. Prerequisite: Hindi 312L with a grade of at least C.

• 32642	TTH	200 - 330P	GAR 2.124	RAJPUROHIT, D

HIN 360 CONF CRS IN HINDI LANG AND 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 Hindi language and literature. Prerequisite: Upper-division standing and written consent of instructor on form obtained from the undergraduate adviser.

• 32645				

HIN 381 CONF CRS IN HINDI 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 Hindi language or culture. Prerequisite: Graduate standing and written consent of instructor on a form obtained from the graduate coordinator.

• 32650				

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.

• 32705	MWF	1100 - 1200	GAR 2.128	TANAKA, M
	TTH	930 - 1100	RLM 5.114	

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.

• 32710	MWF	1200 - 100P	JES A217A	DUFFEY, K
	TTH	1100 - 1230P	MEZ 1.122	

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.

• 32715	MWF	1200 - 100P	GAR 2.128	TANAKA, M
	TTH	930 - 1100	RLM 5.114	
• 32720	MWF	200 - 300P	RLM 5.126	KAWASHIMA RANSOM
	TTH	200 - 330P	MEZ 2.124	
• 32725	MWF	300 - 400P	RLM 5.118	KAWASHIMA RANSOM
	TTH	200 - 330P	MEZ 2.124	

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.

• 32730	MWF	900 - 1000	PAR 308	AIDA, Y
	TTH	800 - 930	RLM 5.118	

JAPANESE II

Designed to accommodate 35 or fewer students. 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.

• 32735	MWF	800 - 900	PAR 308	AIDA, Y
	TTH	800 - 930	RLM 5.118	

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.

• 32740	MWF	1200 - 100P		COOKE, C
	TTH	1230 - 200P		
• 32745	MWF	1200 - 100P	RLM 5.126	KATAYAMA, A
	TTH	1230 - 200P	RLM 5.118	
• 32750	MWF	100 - 200P	JES A307A	COOKE, C
	TTH	1230 - 200P	RLM 5.122	
• 32755	MWF	100 - 200P	RLM 5.126	KATAYAMA, A
	TTH	1230 - 200P	RLM 5.118	

JAPANESE II

Designed to accommodate 35 or fewer students. 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.

• 32757	MWF	1100 - 1200	MEZ 1.102	SUITO, N
	TTH	1100 - 1230P	JES A217A	

JPN 611D 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.

• 32760	MWF	1200 - 100P		SUITO, N
	TTH	1100 - 1230P		
• 32765	MWF	100 - 200P	JES A209A	HATANAKA, J
	TTH	1230 - 200P	RLM 7.124	
• 32770	MWF	200 - 300P	JES A209A	HATANAKA, J
	TTH	1230 - 200P	RLM 7.124	

JPN 317C JAPANESE GRAM/COMP/CONVERSATN

Designed to accommodate 35 or fewer students. 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.

• 32775	MWF	1000 - 1100	RLM 6.112	DUFFEY, K
• 32780	MWF	1200 - 100P	JES A307A	KAWASHIMA RANSOM
• 32782	MWF	900 - 1000	RLM 7.124	DUFFEY, K

JPN 320K READINGS IN MODERN JAPANESE I

Designed to accommodate 35 or fewer students. 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.

• 32785	MWF	300 - 400P	MEZ 1.204	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.

• 32790	MWF	1000 - 1100	MEZ 2.102	COOKE, C

READINGS IN MODERN JAPANESE II

Designed to accommodate 35 or fewer students. 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.

• 32792	MWF	1100 - 1200	MEZ 1.206	COOKE, C

JPN 325K ADVANCED CONVERSATION I

Designed to accommodate 35 or fewer students. 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.

• 32794	MWF	1000 - 1100	PAR 308	HATANAKA, J

JPN 325L ADVANCED CONVERSATION II

Continued development of conversation skills taught in Japanese 325K. Not open to native speakers of Japanese. Prerequisite: Japanese 325K with a grade of at least C.

• 32795	MWF	1100 - 1200		HATANAKA, J

JPN 327 ADV RDNG/WRIT KANJI CHARACTERS

Designed to accommodate 35 or fewer students. 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.

• 32799	TTH	1100 - 1230P	RLM 5.126	TANAKA, M

10/11/2018

course	unique	days	time	room	instructor

JPN 330 2-ADV RDNG IN NEWSPAPER ARTCLS
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 from newspaper articles and other authentic materials, including short stories and websites, selected to expand linguistic and social knowledge, vocabulary, and knowledge of kanji. Not open to native speakers of Japanese. Prerequisite: Japanese 320L with a grade of at least C.
• 32800 MW 330 - 500P JES A303A KATAYAMA, A

JPN 360 CONF CRS IN JPN LANG AND 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 Japanese language or literature. Not open to native speakers of Japanese. Prerequisite: Upper-division standing, six semester hours of upper-division coursework in Japanese, and written consent of instructoron form obtained from the undergraduate adviser.
• 32805

KOR 607 FIRST-YEAR KOREAN II
Continuation of Korean 506, 606. Intended for non-native speakers of Korean. Korean 604 and 507, 607 may not both be counted. Prerequisite: Korean 506, 606 with a grade of at least C.
• 32860 MWF 900 - 1000 MEZ 1.204 KIM, E
TTH 930 - 1100 PAR 306
• 32865 MWF 1000 - 1100 MEZ 1.204 KIM, E
TTH 930 - 1100 PAR 306
• 32870 MWF 1100 - 1200 MEZ 1.204 PARK, S
TTH 1230 - 200P PAR 306
• 32875 MWF 1200 - 100P MEZ 1.204 PARK, S
TTH 1230 - 200P PAR 306

KOR 612 ACCELERATED SECOND-YEAR KOREAN
Continuation of Korean 604. Korean 612 and 412K may not both be counted; Korean 612 and 412L may not both be counted. Not open to native speakers of Korean. Prerequisite: Korean 604 with a grade of at least C.
• 32880 MWF 1200 - 100P MEZ 1.102 PARK, K
TTH 1230 - 200P MEZ 1.102

KOR 412L SECOND-YEAR KOREAN II
Designed to accommodate 35 or fewer students. Intended for non-native speakers of Korean. Korean 612 and 312L, 412L may not both be counted. Prerequisite: Korean 312K, 412K with a grade of at least C.
• 32885 M 1000 - 1100 MEZ 1.122 PARK, S
TTH 1100 - 1230P MEZ 1.216

SECOND-YEAR KOREAN II
Intended for non-native speakers of Korean. Korean 612 and 312L, 412L may not both be counted. Prerequisite: Korean 312K, 412K with a grade of at least C.
• 32890 M 1200 - 100P MEZ 1.118 KIM, E
TTH 200 - 330P MEZ 1.208
• 32895 M 300 - 400P MEZ 2.102 PARK, K
TTH 330 - 500P MEZ 1.202

KOR 320L THIRD-YEAR KOREAN II
Prerequisite: Korean 320K with a grade of at least C.
• 32900 MWF 100 - 200P MEZ 1.204 PARK, S

KOR 330 1-ADV CONVERSATION IN KOREAN
Course number may be repeated for credit when the topics vary. Fourth-year Korean readings on special topics. Emphasis on achieving an advanced level of proficiency in modern conversational Korean, with additional practice in advanced writing and listening skills. Korean 330 (Topic: Advanced Conversation) and 330 (Topic 1) may not both be counted. Prerequisite: Korean 320L with a grade of at least C.
• 32905 MWF 1100 - 1200 MEZ 1.122 PARK, K

KOR 360 CONF CRS IN KOREAN LANG & LIT
Hour(s) to be arranged. May be repeated for credit. Supervised individual study of selected problems in Korean language or literature. Prerequisite: Korean 412K and written consent of instructor on form obtained from the undergraduate adviser.
• 32910

KOR 381 CONF CRS IN KOREAN 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 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.
• 32915

MAL 507 FIRST-YEAR MALAYALAM II
Prerequisite: Malayalam 506 with a grade of at least C.
• 32970 MW 1200 - 100P GAR 1.134 MANAYATHU SASI, D
TTH 1100 - 1230P BEN 1.106

MAL 312L SECOND-YEAR MALAYALAM II
Prerequisite: Malayalam 312K with a grade of at least C.
• 32975 TTH 200 - 330P BEN 1.118 MANAYATHU SASI, D

MAL 330 TPCS IN MALAYALAM LANG AND LIT
Course number may be repeated for credit when the topics vary. Prerequisite: Malayalam 312L with a grade of at least C.
• 32980 F 1200 - 300P 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.
• 32985

SAN 507 FIRST-YEAR SANSKRIT II
Detailed study of problems of grammar and syntax; reading of extracts from Hitopadesha and the Bhagavad Gita. Prerequisite: Sanskrit 506 with a grade of at least C.
• 33040 MW 1200 - 100P BEN 1.118 MAES, C
TTH 1230 - 200P BEN 1.118

SAN 312L SECOND-YEAR SANSKRIT II
Introduction to classical Sanskrit poetry and philosophical literature; readings from the Upanishads and Kalidasa's Meghaduta. Prerequisite: Sanskrit 312K with a grade of at least C.
• 33045 TTH 330 - 500P MEZ 1.104 MAES, C

SAN 330 1-SANSKRIT DRAMA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Provides students with a firmer foundation in Sanskrit grammar, syntax, and vocabulary; and an appreciation of the aesthetics of Sanskrit drama. Sanskrit 330 (Topic: Sanskrit Drama) and 330 (Topic 1) may not both be counted. Prerequisite: Sanskrit 312L with a grade of at least C. meets with SAN 384S (TOPIC 3).
• 33047 MW 100 - 230P MEZ 1.104 BRERETON, J

SAN 360 CONF CRS SANSKRIT LANG AND LIT
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.
• 33050

SAN 384S EPIC DRAMAS
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.
• 33055 MW 100 - 230P BRERETON, J

3-SANSKRIT DRAMA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of various aspects and periods of Sanskrit language and culture. Provides students with a firmer foundation in Sanskrit grammar, syntax, and vocabulary; and an appreciation of the aesthetics of Sanskrit drama. Sanskrit 384S (Topic: Sanskrit Drama) and 384S (Topic 3) may not both be counted. Prerequisite: Graduate standing; and Sanskrit 325L, 330, or the equivalent, or consent of instructor. meets with SAN 330 (TOPIC 1).
• 33056 MW 100 - 230P MEZ 1.104 BRERETON, J

TAM 507 FIRST-YEAR TAMIL II
Tamil 604 and 507 may not both be counted. Not open to native speakers of Tamil. Prerequisite: Tamil 506 with a grade of at least C.
• 33110 MW 1000 - 1100 RLP 0.124
TTH 1100 - 1230P MEZ 1.104

TAM 312L SECOND-YEAR TAMIL II
Tamil 612 and 312L may not both be counted. Not open to native speakers of Tamil. Prerequisite: Tamil 312K with a grade of at least C.
• 33115 TTH 930 - 1100 MEZ 1.104

TAM 320L ADVANCED TAMIL II
Not open to native speakers of Tamil. Prerequisite: Tamil 320K with a grade of at least C.
• 33120 MWF 1000 - 1100 RLP 0.106

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.
• 33125

URD 507 FIRST-YEAR URDU II
Urdu 604 and 507 may not both be counted. Not open to native speakers of Urdu. Prerequisite: Urdu 506 with a grade of at least C.
• 33180 MW 1100 - 1200 GAR 2.112 HASSAN, S
TTH 1230 - 200P MEZ 1.204

URD 312L SECOND-YEAR URDU II
Continuation of Urdu 312K. Urdu 612 and 312L may not both be counted. Not open to native speakers of Urdu. Prerequisite: Urdu 312K with a grade of at least C.
• 33185 MWF 1200 - 100P MEZ 1.104 HASSAN, S

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course	unique	days	time	room	instructor

URD 118L PRACTICE IN SPOKEN URDU II

Not open to native speakers of Urdu. Prerequisite: Urdu 118K with a grade of at least C.

• 33190	MW	1000 - 1100	PAR 305	HASSAN, S

DEPARTMENT OF CLASSICS

Ancient History and Classical Civilization - AHC
Classical Civilization - C C
Greek - GK
Latin - LAT

AHC 310 MEDIEVAL MATERIAL CULTURE

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 HIS 306N, R S 315.

• 33245	MW	400 - 530P	PAR 203	KAUFMAN, 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.

• 33250	MW	900 - 1000	WAG 101	
	TH	900 - 1000	CAL 200	
• 33255	MW	900 - 1000	WAG 101	
	F	900 - 1000	PAR 210	
• 33260	MW	900 - 1000	WAG 101	
	TH	1000 - 1100	CAL 200	
• 33265	MW	900 - 1000	WAG 101	
	F	1000 - 1100	PAR 310	

AHC 325 2-HISTORY OF ROME: THE EMPIRE

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 the Roman world from Augustus to Constantine the Great. Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic 2), Core Texts and Ideas 375 (Topic: History of Rome: The Empire), European Studies 346 (Topic: History of Rome: The Empire), History 321. Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as HIS 321.

• 33270	MW	1000 - 1100	WAG 201	TAYLOR, R
	TH	900 - 1000	PAR 210	
• 33275	MW	1000 - 1100	WAG 201	TAYLOR, R
	F	900 - 1000	GAR 1.134	
• 33280	MW	1000 - 1100	WAG 201	TAYLOR, R
	TH	1000 - 1100	PAR 210	
• 33285	MW	1000 - 1100	WAG 201	TAYLOR, R
	F	1000 - 1100	GAR 1.134	

6-ALEXANDER/HELLENISTIC WORLD

Course number may be repeated for credit when the topics vary. Topics in the history of the Greek and Roman empires and the surroundingarea. History of Asia, Egypt, and the Mediterranean world from Alexander's expedition to Asia to Rome's defeat of the last of the Hellenistic monarchs at Actium (ca. 334 to 31 BC). Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic 5), 325 (Topic 6), Classical Civilizations 351D,354D, History 351D, 354D. Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as HIS 351D.

• 33290	MW	1200 - 100P	MEZ 1.120	PERLMAN, P
	F	1000 - 1100	RLP 0.124	
• 33295	MW	1200 - 100P	MEZ 1.120	PERLMAN, P
	F	1100 - 1200	RLP 0.124	
• 33300	MW	1200 - 100P	MEZ 1.120	PERLMAN, P
	TH	1200 - 100P	GAR 0.120	

13-ANCIENT HISTORIANS

Course number may be repeated for credit when the topics vary. Topics in the history of the Greek and Roman empires and the surroundingarea. Examines the main works of ancient historiography, and provides grounding in the central issues with which these works engage. Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic: Ancient Historians), 325 (Topic 13), Classical Civilization 322 (Topic: Ancient Historians), 322 (Topic 13). Prerequisite: Upper-division standing. same as C C 322 (TOPIC 13).

• 33305	TTH	200 - 330P	RLP 0.120	LUSHKOV, A

AHC 330 1-THE DEAD SEA SCROLLS

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. Only one of the following may be counted: Ancient History and Classical Civilization 330 (Topic: The Dead Sea Scrolls), 330 (Topic 1), History 364G (Topic 3), Jewish Studies 364 (Topic 4), Middle Eastern Languages and Cultures 321 (Topic 17), 342 (Topic 23), Religious Studies 353D. Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as HIS 364G (TOPIC 3), J S 364 (TOPIC 4), MEL 321 (TOPIC 17), MES 342 (TOPIC 23), R S 353D. also meets with CTI 375.

• 33310	MWF	100 - 200P	RLP 1.106	KAPLAN, J

AHC 378 SPACE AND PLACE

Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in Greek and Roman history. Restricted to students in the Department of Classics. Prerequisite: Upper-division standing. meets with C C 375.

• 33315	TTH	1230 - 200P	GAR 1.134	RABINOWITZ, A

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.

• 33320

C C 301 INTRO TO ANCIENT GREECE

Designed to accommodate 100 or more students. 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.

• 33375	TTH	930 - 1100	FAC 21	

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.

• 33380

INTRODUCTION TO ANCIENT ROME

Survey of the highlights and the influence of Roman civilization. No knowledge of Latin is required.

• 33385	TTH	1100 - 1230P	JGB 2.324	RIGGSBY, A

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.

• 33390

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.

• 33395	MWF	1100 - 1200	FAC 21	CURTIS, T
• 33400	MWF	1200 - 100P	JGB 2.324	BECK, D

C C 304C CLASSICAL MYTHOLOGY & OCCULT

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.

• 33405	MWF	100 - 200P	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 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.

• 33410	TTH	930 - 1100	WAG 302	HANKINSON, R

C C 306M INTRO TO MEDCL & SCIENTIF TERM

Designed to accommodate 100 or more students. 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.

• 33415	MWF	900 - 1000	UTC 2.112A	CURTIS, T

C C 307C INTRO TO GREEK ARCHAEOLOGY

A survey of the artifacts, monuments, and sites of ancient Greece, and their value for documenting Greek religious, social, and cultural history. No knowledge of Greek is required.

• 33420	MWF	1100 - 1200	WAG 101	GULIZIO, J

C C 317 CLASCL ARCHAEOL: METHS/APPROCH

An overview of the history of classical archaeology and its methods and approaches. Focuses on case studies of major sites and their excavation and interpretation. No knowledge of Greek or Latin is required. Prerequisite: One of the following courses: Ancient History and Classical Civilization 319 (Topic 1: The Ancient Mediterranean World), Art History 302, Classical Civilization 301, 302, 307C, 307D, 318, 319D, History 319D, Religious Studies 318.

• 33425	TTH	330 - 500P	WAG 112	RABINOWITZ, A

course	unique	days	time	room	instructor

C C 318 THE RISE OF CHRISTIANITY

Designed to accommodate 100 or more students. Introduction to the origins and development of Christianity. same as R S 318. also meets with CTI 310, J S 311 (TOPIC 3).

unique	days	time	room	instructor
• 33430	MWF	1100 - 1200	BUR 212	WHITE, L

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.

unique	days	time	room	instructor
• 33435	MW	900 - 1000	WAG 101	
	TH	900 - 1000	CAL 200	
• 33440	MW	900 - 1000	WAG 101	
	F	900 - 1000	PAR 210	
• 33445	MW	900 - 1000	WAG 101	
	TH	1000 - 1100	CAL 200	
• 33450	MW	900 - 1000	WAG 101	
	F	1000 - 1100	PAR 310	

C C 322 13-ANCIENT HISTORIANS

Course number may be repeated for credit when the topics vary. Survey of Greek and Latin philosophical, literary, and historical classics, in translation. No knowledge of Greek or Latin is required. Examines the main works of ancient historiography, and provides grounding in the central issues with which these works engage. Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic: Ancient Historians), 325 (Topic 13), Classical Civilization 322 (Topic: Ancient Historians), 322 (Topic 13). Prerequisite: Upper-division standing. same as AHC 325 (TOPIC 13).

unique	days	time	room	instructor
• 33455	TTH	200 - 330P	RLP 0.120	LUSHKOV, A

C C 340 SHRINES AND SANCTUARIES

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.

unique	days	time	room	instructor
• 33460	MWF	900 - 1000	GAR 0.128	GULIZIO, J

2-ART/POLITICS IMPERIAL ROME

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. Public art of the Roman Empire from Augustus to late antiquity, ca. 31 BC to AD 350. 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. Art History 327N and Classical Civilization 340 (Topic 2) may not both be counted. Prerequisite: Upper-division standing. Prerequisite: Upper-division standing. same as ARH 327N.

unique	days	time	room	instructor
• 33465	TTH	1100 - 1230P	DFA 2.204	DAVIES, P

C C 348 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.

unique	days	time	room	instructor
• 33470	MWF	1000 - 1100	PAR 301	LEON, J
	F	1100 - 1200	JES A209A	
• 33475	MWF	1000 - 1100	PAR 301	LEON, J
	F	1200 - 100P	JES A216A	

14-ANCIENT GREEK MEDICINE

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. Examines ancient Greek medicine in light of the modern fields of pathology, surgery, pharmacology, therapy, obstetrics, psychology, anatomy, medical science, ethics, and education. 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: Ancient Greek Medicine) and 348 (Topic 14) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.

unique	days	time	room	instructor
• 33480	MWF	200 - 300P	WAG 201	CURTIS, T

24-DAILY LIFE IN ANCIENT EGYPT

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. Delves into all areas of Egyptian daily life from the dawn of the dynasties to the age of Cleopatra. 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: Daily Life in Ancient Egypt), 374C (Topic 7), Classical Civilization 348 (Topic: Daily Life in Ancient Egypt), 348 (Topic 24), Middle Eastern Languages and Cultures 321 (Topic: Daily Lifein Ancient Egypt), 321 (Topic 29), Middle Eastern Studies 342 (Topic: Daily Life in Ancient Egypt), 342 (Topic 51). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AFR 374C (TOPIC 7), MEL 321 (TOPIC 29), MES 342 (TOPIC 51). also meets with MEL 321, MES 342.

unique	days	time	room	instructor
• 33485	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.

unique	days	time	room	instructor
• 33490				

C C 375 SPACE AND PLACE

Course number may be repeated for credit when the topics vary. Study of selected topics in classical studies. Some knowledge of Greek or Latin is expected. Classical Civilization 340 and 375 may not both be counted unless the topics vary. Classical Civilization 348 and 375 may not both be counted unless the topics vary. Restricted to students in the Department of Classics. Prerequisite: Upper-division standing. meets with AHC 378.

unique	days	time	room	instructor
• 33495	TTH	1230 - 200P	GAR 1.134	RABINOWITZ, A

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.

unique	days	time	room	instructor
• 33500				

C C 380 ARCHAEOL OF CLSCL ENVIRONMT

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.

unique	days	time	room	instructor
• 33505	T	200 - 500P	GAR 1.134	TAYLOR, R

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.

unique	days	time	room	instructor
• 33510				

GK 507 FIRST-YEAR GREEK II

Designed to accommodate 35 or fewer students. Continuation of Greek 506. Only one of the following may be counted: Greek 601C; 804; 506 and 507. Greek 507 and 412 may not both be counted. Prerequisite: Greek 506 with a grade of at least C.

unique	days	time	room	instructor
• 33565	MTWTHF	1000 - 1100	WAG 10	PATTERSON, J

GK 312K INTERMEDIATE GREEK II

Continuation of Greek 311. Selected readings from classical and biblical authors. Greek 312K and 312L may not both be counted. Prerequisite: Greek 311 with a grade of at least C.

unique	days	time	room	instructor
• 33570	MWF	1000 - 1100	MEZ 1.104	WHITE, S

GK 324 2-HERODOTUS

Course number may be repeated for credit when the topics vary. Reading and analysis of classical authors such as Homer, Herodotus, Euripides, and Plato. 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.

unique	days	time	room	instructor
• 33575	MWF	200 - 300P		PERLMAN, P

6-LIFE OF THEMISTOCLES

Designed to accommodate 35 or fewer students. 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: Life of Themistocles) and 324 (Topic 6) 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.

unique	days	time	room	instructor
• 33579	MWF	200 - 300P	WAG 112	PERLMAN, P

GK 365 PLATO'S SYMPOSIUM

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.

unique	days	time	room	instructor
• 33580	TTH	1230 - 200P	WAG 112	DEAN-JONES, L

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.

unique	days	time	room	instructor
• 33585	MW	1230 - 200P	GAR 2.124	WHITE, S

GK 385 PLATO'S SYMPOSIUM

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.

unique	days	time	room	instructor
• 33590	TTH	1230 - 200P	WAG 112	DEAN-JONES, L

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.

unique	days	time	room	instructor
• 33595				

Spring 2018

course unique days time room instructor

GK 386L CONF COURSE IN GREEK LANGUAGE
May be repeated for credit. Restricted to students pursuing degrees other than in classics. Prerequisite: Graduate standing.
• 33600

GK 390 APOLLONIUS
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.
• 33605 W 200 - 500P GAR 2.124 BECK, D

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.
• 33610

GK 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33615

GK 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33620

GK 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33625

GK 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Greek 399R, 699R, or 999R.
• 33630

GK 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Greek 399R, 699R, or 999R.
• 33635

GK 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Greek 399R, 699R, or 999R.
• 33640

LAT 506 FIRST-YEAR LATIN I
Designed to accommodate 35 or fewer students. Fundamentals of grammar and reading. Only one of the following may be counted: Latin 601C; or 506 and 507.
• 33695 MTWTHF 1100 - 1200 WAG 10

FIRST-YEAR LATIN I
Fundamentals of grammar and reading. Only one of the following may be counted: Latin 601C; or 506 and 507.
• 33700 MTWTHF 100 - 200P 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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.
• 33705

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.
• 33710 MTWTHF 900 - 1000 WAG 10
• 33715 MTWTHF 1200 - 100P WAG 10

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.
• 33720

LAT 511K ACCELERATED INTERMEDIATE LATIN
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Only one of the following may be counted: Latin 511K, 312K, 316. Latin 311 and 511K may not both be counted. Prerequisite: Latin 601C or 507 with a grade of at least C. Partially taught as a Web-based course.
• 33725 MWF 1200 - 100P GAR 0.132

LAT 322 ADVANCED LATIN I
Reading and analysis of selected classical authors. Prerequisite: Latin 511K, 312K, or 316 with a grade of at least C.
• 33735 TTH 1100 - 1230P WAG 112 EBBELER, J

LAT 323 10-SALLUST
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: Sallust) and 323 (Topic 10) may not both be counted. Prerequisite: Latin 322 with a grade of at least C.
• 33740 TTH 200 - 330P WAG 112 EBBELER, J

LAT 324 ADV LATIN GRAMMAR & COMPOSITN
Study of syntax, style, and principles of written composition. Required of all Latin majors and students seeking a secondary school teaching certificate with Latin as a teaching field. Prerequisite: Latin 322 with a grade of at least C.
• 33745 MWF 1000 - 1100 WAG 112 NETHERCUT, W

LAT 365 11-INTERTEXTUALITY
Course number may be repeated for credit when the topics vary. Critical study of authors such as Horace, Livy, Lucretius, and Tacitus. Discusses the development, problems, and limitations of intertextuality in Roman Literature through a core group of texts, modern and ancient, which define our approach to and practice of intertextual reading. Latin 365 (Topic: Seminar: Intertextuality) and 365 (Topic 11) may not both be counted. Prerequisite: Latin 323 with a grade of at least C. meets with LAT 385.
• 33750 TTH 1100 - 1230P GAR 1.134 LUSHKOV, A

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.
• 33755

LAT 383 SURVEY OF LATIN LITERATURE
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.
• 33760 MW 1230 - 200P GDC 5.304 GALINSKY, G

LAT 385 INTERTEXTUALITY: LAT POETRY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with LAT 365 (TOPIC 11).
• 33765 TTH 1100 - 1230P GAR 1.134 LUSHKOV, A

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.
• 33770

LAT 390 CICERO
Designed to accommodate 35 or fewer students. 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.
• 33775 TH 200 - 500P GAR 0.120 RIGGSBY, A

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.
• 33780

LAT 398T SUPERVISED TEACHING IN LATIN
Prerequisite: Graduate standing.
• 33785 F 100 - 400P MEZ 1.104 GULIZIO, J

LAT 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33790

LAT 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33795

LAT 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 33800

LAT 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin 399R, 699R, or 999R.
• 33805

LAT 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin 399R, 699R, or 999R.
• 33810

LAT 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin 399R, 699R, or 999R.
• 33815

COMPARATIVE LITERATURE

Comparative Literature - C L

C L 315 MASTERWORKS OF WORLD LIT

Designed to accommodate 100 or more 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.

• 33870	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	1000 - 1100	SZB 526	
• 33875	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	1100 - 1200	SZB 526	
• 33880	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	1200 - 100P	SZB 426	
• 33885	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	100 - 200P	SZB 426	
• 33890	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	200 - 300P	RLM 5.114	
• 33895	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	300 - 400P	BEN 1.126	
• 33900	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	300 - 400P	JES A209A	
• 33905	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	300 - 400P	RLM 5.114	
• 33910	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	330 - 430P	GDC 2.410	
• 33915	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	400 - 500P	JES A209A	
• 33920	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	400 - 500P	MEZ 1.120	
• 33925	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	430 - 530P	GDC 2.410	
• 33930	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	500 - 600P	BEN 1.124	
• 33935	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	500 - 600P	GAR 2.128	
• 33940	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	500 - 600P	BEN 1.122	
• 33945	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	500 - 600P	BEN 1.124	
• 33950	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	600 - 700P	BEN 1.124	
• 33955	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	600 - 700P	GAR 2.128	

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.

• 33959 TTH 930 - 1100 GAR 0.128 KORNHABER, D

C L 320 CONF COURSE IN COMPARATIVE LIT

Hour(s) to be arranged. 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.

• 33960

C L 323 CLASSIC LYRIC POEMS

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 MES 342, MEL 321.

• 33965 TTH 930 - 1100 PAR 310 HILLMANN, M

CUL MEM/CLASSIC CHINESE NOV

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 ANS 379.

• 33970 M 400 - 700P RLP 0.120 LAI, C

HOME IN CONTEMP BLK FICTION

Designed to accommodate 35 or fewer students. 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 AFR 374F.

• 33972 TTH 930 - 1100 GAR 2.112 YOUNG, H

RUSSIAN FAIRYTALES

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.

• 33975 MW 1130 - 100P BUR 130 GARZA, T

VIKING LANG: RUNES/SAGAS

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 EUS 347, GSD 360.

• 33980 MWF 200 - 300P BUR 337 STRAUBHAAR, S

11-FILMS OF INGMAR BERGMAN

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. An introduction to the films of Ingmar Bergman. Only one of the following may be counted: Comparative Literature 323 (Topic: Films of Ingmar Bergman), 323 (Topic 11), English 322 (Topic 18), European Studies 347 (Topic: Films of Ingmar Bergman), 347 (Topic 13), German, Scandinavian, and Dutch Studies 331C, Scandinavian 327 (Topic 9). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as EUS 347 (TOPIC 13), GSD 331C.

• 33985 TTH 930 - 1100 BUR 337 WILKINSON, L

37-THE QUR'AN

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. The history, language, style, and themes of the Qur'an. Only one of the following may be counted: Comparative Literature 323 (Topic: The Qur'an), 323 (Topic 37), Core Texts and Ideas 375 (Topic: The Qur'an), Core Texts and Ideas 375 (Topic 1), Islamic Studies 340 (Topic 2), Middle Eastern Languages and Cultures 321 (Topic 9), Middle Eastern Studies 342 (Topic 16), Religious Studies 325G, Women's and Gender Studies 340 (Topic: The Qur'an), 340 (Topic 54). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as CTI 375 (TOPIC 1), ISL 340 (TOPIC 2), MEL 321 (TOPIC 9), MES 342 (TOPIC 16), R S 325G, WGS 340 (TOPIC 54).

• 33990 TTH 1230 - 200P PAR 1 AZAM, H

42-ANTI-SEMITISM IN HIST & LIT

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. Only one of the following may be counted: European Studies 346 (Topic: Anti-Semitism in History and Literature), 346 (Topic 29), Comparative Literature 323 (Topic: Anti-Semitism in History and Literature), 323 (Topic 42), German, Scandinavian, and Dutch Studies 360 (Topic: Anti-Semitism in History and Literature), 361L, Jewish Studies 361 (Topic: Anti-Semitism in History and Literature), 364 (Topic 1). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as EUS 346 (TOPIC 29), GSD 361L, J S 364 (TOPIC 1).

• 33995 TTH 200 - 330P BUR 337 HOBERMAN, J

C L 381 GER ROOTS INT'L SCHOLARSHIP

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 GER 382N.

• 34000 TTH 200 - 330P BUR 232 ARENS, K

TRANSNATIONAL LEGACIES

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 ILA 387, MEL 381.

• 34005 W 100 - 400P BEN 1.118 REED, C

C L 382 WRLD LIT/GLOBLSM: THRY/PRAC

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 E 383L.

• 34010 TTH 330 - 500P PAR 305 RICHMOND-GARZA, E

C L 385 FOUND LITERARY THRY & CRITSM

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Comparative study of theories of literary criticism in a broad historical perspective, including representative classic texts in critical theory. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 34015 W 1200 - 300P PAR 214 SALGADO, C

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.

• 34020

C L 698A THESIS
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.
• 34025

C L 698B THESIS
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.
• 34030

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.
• 34035

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.
• 34040

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.
• 34045

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.
• 34050

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.
• 34055

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.
• 34060

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.
• 34065

AMERICO PAREDES CENTER FOR CULTURAL STUDIES

Cultural Studies - CLS

DEPARTMENT OF ECONOMICS

Economics - ECO

ECO 301 INTRODUCTION TO ECONOMICS
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.
• 34120 MWF 1000 - 1100 RLP 0.126 HICKENBOTTOM, W

ECO 304K 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.
• 34125 MWF 1200 - 100P FAC 21 HICKENBOTTOM, W
• 34130 TTH 1230 - 200P RLP 1.104 SHAMOUN, D

ECO 304L INTRODUCTION TO MACROECONOMICS
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-. Mandatory exam 7pm-9pm Mondays, March 4 and April 15.
• 34135 TTH 1100 - 1230P SAC 1.402 MOSTASHARI, S

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-. Mandatory exam 7pm-9pm Mondays, March 4 and April 15.
• 34140 TTH 330 - 500P GAR 0.102 MOSTASHARI, S

ECO 420K MICROECONOMIC THEORY
Designed to accommodate 100 or more students. 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; 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; and Economics 329 or Biomedical Engineering 335 or Chemical Engineering 235K or Electrical Engineering 351K or Mathematics 358K or 378K or Statistics and Data Sciences 378 or Mechanical Engineering 335 with a grade of at least C.
• 34145 MW 100 - 230P UTC 3.132 MANOLI, D
F 1200 - 100P GAR 2.112
• 34150 MW 100 - 230P UTC 3.132 MANOLI, D
F 100 - 200P RLP 1.108
• 34155 MW 100 - 230P UTC 3.132 MANOLI, D
F 300 - 400P WAG 308
• 34160 MW 100 - 230P UTC 3.132 MANOLI, D
F 400 - 500P SAC 5.102

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; 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; and Economics 329 or Biomedical Engineering 335 or Chemical Engineering 235K or Electrical Engineering 351K or Mathematics 358K or 378K or Statistics and Data Sciences 378 or Mechanical Engineering 335 with a grade of at least C.
• 34165 TTH 1100 - 1230P PHR 2.110 THOMPSON, J
F 800 - 900 GAR 3.116
• 34170 TTH 1100 - 1230P PHR 2.110 THOMPSON, J
F 900 - 1000 GAR 0.132
• 34175 TTH 1100 - 1230P PHR 2.110 THOMPSON, J
F 1000 - 1100 JGB 2.202
• 34180 TTH 1100 - 1230P PHR 2.110 THOMPSON, J
F 1100 - 1200 CBA 4.332
• 34185 MW 1230 - 200P RLP 1.104 OETTINGER, G
F 900 - 1000 PAR 306
• 34190 MW 1230 - 200P RLP 1.104 OETTINGER, G
F 1100 - 1200 MEZ 1.120

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-.
• 34195 MW 1100 - 1230P RLP 1.104 BOEHM, C
• 34200 MW 200 - 330P PAR 203 SAHIN, A

MACROECONOMIC THEORY
Restricted enrollment; contact the department for permission to register for this class. 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-.
• 34205 MW 1000 - 1130 CPE 2.216 ZERVOU, A
• 34210 MWF 100 - 200P GAR 3.116 TRINQUE, B

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-.
• 34215 MWF 100 - 200P ECJ 1.314 SCHNEIDER, H
• 34220 MWF 200 - 300P ECJ 1.314 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.
• 34225 TTH 800 - 930 RLP 0.126 THOMPSON, J
F 900 - 1000 RLP 0.118
• 34230 TTH 800 - 930 RLP 0.126 THOMPSON, J
F 1000 - 1100 CBA 4.330
• 34235 TTH 800 - 930 RLP 0.126 THOMPSON, J
F 1100 - 1200 PAR 206
• 34240 TTH 800 - 930 RLP 0.126 THOMPSON, J
F 1200 - 100P PAR 204

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.
• 34245 MWF 1000 - 1100 SZB 416 TRINQUE, B

course	unique	days	time	room	instructor

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-.

• 34250	TTH	1100 - 1230P	WAG 420	TREJO, S

ECO 326L ECONOMICS OF EDUCATION
Applications of economic principles and empirical methods to education, including the concept of human capital, economic returns to education, the determinants and measurement of teacher impact, the roles of school inputs and factors outside of school, and the market for higher education. Methodology for evaluating education policy. Economics 326L and 350K (Topic: Economics of Education) may not both be counted. Prerequisite: Economics 420K or 421K with a grade of at least C-.

• 34255	TTH	800 - 930	UTC 1.104	MURPHY, R
• 34260	TTH	930 - 1100	UTC 3.102	MURPHY, R

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.

• 34265	MWF	800 - 900	CBA 4.344	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-.

• 34270	TTH	1100 - 1230P	GAR 2.112	MIRAVETE, E

ECO 329 ECONOMIC STATISTICS
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 Thursdays, February 21 and April 4.

• 34275	TTH	330 - 500P	BUR 106	BENCIVENGA, V

ECO 330T SOCL ECO: ECO OUTSIDE THE MKT
Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. Topics cover aspects of economic theory, applications, and policy. Economics 330T and 350K may not both be counted unless the topics vary. Open to nonmajors. Prerequisite: Economics 304K with a grade of at least C-; additional prerequisites may vary with the topic. Topic title: Social economics: economics outside the market.

• 34280	TTH	1230 - 200P	ART 1.102	WISEMAN, T

ECO 333K DEVELOPMENT ECONOMICS
Introduction to theories of economic development. Economic analysis of leading issues. Only one of the following may be counted: Economics 333K, Urban Studies 351 (Topic: Development Economics), 351 (Topic 4). Prerequisite: Economics 420K or 421K with a grade of at least C-. same as URB 351 (TOPIC 4).

• 34285	MW	1000 - 1130	SZB 296	LINDEN, L
• 34290	MW	1130 - 100P	UTC 1.104	LINDEN, L

ECO 334K URBAN ECONOMICS
Economic analysis of urban areas, emphasizing current problems, such as spatial concentration of poverty, lack of access to jobs and financial services, and transportation systems. Examines the role of policy in addressing these problems. Economics 334K and Urban Studies 351 (Topic 2) may not both be counted. Prerequisite: Economics 420K or 421K with a grade of at least C-. same as URB 351 (TOPIC 2).

• 34295	TTH	200 - 330P	CBA 4.330	IKIZLER, D

ECO 335K ENERGY ECONOMICS
Economic analysis of the markets for resources that supply energy, including coal, oil, natural gas, and shale gas, and the market for electricity. Principles of valuation and optimal dynamic allocation of energy resources. Financial contracts and risk management in energy markets. Regulation of energy markets. Economics 335K and 350K (Topic: Energy Economics) may not both be counted. Prerequisite: Economics 420K with a grade of at least C-.

• 34300	TTH	930 - 1100	RLP 0.126	SADLER, M

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-.

• 34305	MW	830 - 1000	SAC 5.102	PANDALAI-NAYAR, N

ECO 339L INTERNATIONAL FINANCE
Exchange rates and foreign exchange markets; reasons for financial globalization; open-economy macroeconomics; exchange rate regimes (fixedand floating exchange rates, currency boards, and currency areas such as the euro zone); central bank accumulation of foreign exchange reserves; and sovereign debt crises and currency crashes. Reasons for different exchange rate arrangements and other policies are explored. Prerequisite: Economics 420K or 421K with a grade of at least C-, and 320L with a grade of at least C-.

• 34310	MW	330 - 500P	PAR 101	BHATTARAI, S

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.

• 34315	TTH	1100 - 1230P	UTC 3.102	HAN, S
	F	900 - 1000	CPE 2.214	
• 34320	TTH	1230 - 200P	UTC 3.102	KLINE, B
	F	1000 - 1100	PHR 2.110	
• 34325	TTH	200 - 330P	UTC 1.130	HAN, S
	F	900 - 1000	CPE 2.214	
• 34330	TTH	330 - 500P	RLP 0.112	KLINE, B
	F	1000 - 1100	PHR 2.110	

ECO 348K ADV TOPICS IN ECONOMETRICS
Course number may be repeated for credit when the topics vary. Topics in econometric modeling and estimation. Prerequisite: Economics 420K and 341K with a grade of at least C- in each; additional prerequisites may vary with the topic.

• 34335	TTH	200 - 330P	PAR 301	VOGL, T
• 34340	TTH	330 - 500P	PAR 301	VOGL, T

ECO 349K ECONOMICS OF ENTREPRENEURSHIP
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.

• 34345	TTH	800 - 930	RLP 1.106	ACKERBERG, D

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.

• 34350	TTH	1100 - 1230P	JES A303A	SHAMOUN, D

ECO 350K BEHAVIORAL ECONOMICS
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.

• 34355	TTH	930 - 1100	CBA 4.330	MUTLU, G

ECON PRINS OF DECISIONS
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. meets with FIN 372 (TOPIC 10).

• 34360	MW	200 - 330P	UTC 1.118	HATFIELD, J
• 34365	MW	330 - 500P	UTC 1.118	HATFIELD, 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.

• 34370	MW	200 - 330P	BRB 1.118	STINCHCOMBE, M

ECO 352K BUSINESS STRATEGY
Economic analysis of business strategy, including introducing new products, vertically integrating, bundling goods, pricing, distribution,mergers, and product differentiation. Relevant aspects of antitrust law. Case studies of specific firms. Economics 350K (Topic: Business Strategy) and 352K may not both be counted. Prerequisite: Economics 420K with a grade of at least C-.

• 34375	TTH	330 - 500P	RLP 1.104	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 329 and 420K or 421K with a grade of at least C-in each.

• 34380	TTH	930 - 1100	BRB 2.136	STAHL, D

ECO 361 1-EMPIRICAL PUBLIC ECONOMICS
Course number may be repeated for credit when the topics vary. Economics 361 (Topic: Empirical Public Economics) and 361 (Topic 1) may not both be counted. Prerequisite: Economics 420K or 421K with a grade of at least C-, and Economics 341K or 441K with a grade of at least C-.

• 34385	TTH	200 - 330P	BRB 1.120	SIBLEY, D

ECO 372M DEVELOPMENT AND POPULATION
Course number may be repeated for credit when the topics vary. Analysis of specific aspects of the process of economic development, or common problems and interactions of countries in a developing region. Prerequisite: Economics 420K or 421K with a grade of at least C-. Additional prerequisites may vary with the topic.

• 34390	TTH	1100 - 1230P	BRB 2.136	SPEARS, D

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 standing, admission to the Economics HonorsProgram, and consent of the honors adviser.

• 34394

course	unique	days	time	room	instructor

ECO 379H HONORS TUTORIAL COURSE II
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. Supervised individual reading, research, and writing of a substantial paper on a special topic in the field of economics. Prerequisite: Economics 378H.
- 34395

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.
- 34400
- 34405

ECO 384G 2-INTERNATIONAL FINANCE
Course number may be repeated for credit when the topics vary. Economics 384G (Topic 2) and 397 (Topic: International Finance) may not both be counted. Prerequisite: Graduate standing.
- 34410 MW 930 - 1100 BRB 1.120 BHATTARAI, S

ECO 384H PUBLIC SECTOR MICROECONOMICS
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.
- 34415 W 200 - 500P BRB 1.120 GERUSO, 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.
- 34420 T 200 - 500P BRB 1.102 SPEARS, D

ECO 384K EMPIRICAL INDUSTRIAL ORGANIZTN
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
- 34425 W 900 - 1200 BRB 2.136 MIRAVETE, E

ECO 385K 2-TOPICS IN 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.
- 34430 TTH 930 - 1100 BRB 1.120 TREJO, S

ECO 386D MICROECONOMICS II
Economics 386D and 387L (Topic 3) may not both be counted. Prerequisite: Graduate standing.
- 34435 T 500 - 800P BRB 2.136 THOMAS, C

ECO 386E 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.
- 34440 M 330 - 630P BRB 1.118 WISEMAN, T

STOPPING TIME PROBLEMS IN ECON
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. Topic Title: Stopping Time Problems in Economics, Game Theory, and Finance.
- 34445 TTH 1230 - 200P BRB 2.136 BOYARCHENKO, S

2-APPLICATIONS OF 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 2) and 387L (Topic 28) may not both be counted. Prerequisite: Graduate standing.
- 34450 TTH 200 - 330P BRB 1.118 BHASKAR, V

ECO 387D MACROECONOMICS II
Economics 387D and 387L (Topic 4) may not both be counted. Prerequisite: Graduate standing.
- 34455 W 1100 - 200P BRB 1.120 BHATTARAI, S

ECO 387E RESEARCH SEMINAR: ADV MACRO
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
- 34460 F 330 - 630P BRB 1.118 BOEHM, C

2-ADV MACRO ANALYSIS II
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
- 34465 M 1100 - 200P BRB 1.120 BOEHM, C

ECO 387M WRITING SEMINAR IN ECONOMICS
May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
- 34470 W 1230 - 330P BRB 1.120 COIBION, O

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.
- 34475 T 1100 - 200P BRB 1.120 TOWN, R
- 34480 W 200 - 330P BRB 1.120 SKRETA, V
  F 500 - 630P BRB 2.136

WRITING SEMINAR IN ECONOMICS
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
- 34485 W 100 - 400P BRB 2.136 BALAT, J

WRITING SEMINAR IN ECONOMICS
Designed to accommodate 35 or fewer students. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
- 34489 MW 800 - 930 BRB 1.102 ABREVAYA, J
  F 600 - 730P BRB 1.102

ECO 388C ECONOMETRICS I
Economics 388C and 392M (Topic 2) may not both be counted. Prerequisite: Graduate standing. meets with ECO 395M.
- 34490 TTH 1100 - 1230P BRB 1.118 DONALD, S

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.
- 34495 W 330 - 630P BRB 1.118 ABREVAYA, J

1-ADV ECONOMETRIC THEORY I
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 1) and 392M (Topic 6) may not both be counted. Prerequisite: Graduate standing.
- 34500 TH 500 - 800P BRB 1.120 XU, H

ECO 395K BEHAVIORAL ECONOMICS
Course number may be repeated for credit when the topics vary. Restricted to Option III economics master's degree students. Prerequisite: Graduate standing. meets with ECO 395K.
- 34505 TTH 1100 - 1230P BRB 1.120 MUTLU, G
- 34510 TTH 1100 - 1230P BRB 1.120 MUTLU, G
- 34515 TTH 1100 - 1230P BRB 1.120 MUTLU, G

GLOBAL POLITICAL ECONOMY
Course number may be repeated for credit when the topics vary. Restricted to Option III economics master's degree students. Prerequisite: Graduate standing. meets with ECO 395K, BGS 380E, P A 388K.
- 34520 MW 1230 - 200P RRH 3.402 GAWANDE, K

GLOBAL POLITICAL ECONOMY
Course number may be repeated for credit when the topics vary. Restricted to Option III economics master's degree students. Prerequisite: Graduate standing. meets with P A 388K, ECO 395K, BGS 380E.
- 34525 MW 1230 - 200P RRH 3.402 GAWANDE, K

GLOBAL POLITICAL ECONOMY
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 program 18 month track. meets with P A 388K, ECO 395K, BGS 380E.
- 34530 MW 1230 - 200P RRH 3.402 GAWANDE, K

INDUSTRIAL ORGANIZATION
Course number may be repeated for credit when the topics vary. Restricted to Option III economics master's degree students. Prerequisite: Graduate standing. meets with ECO 395K.
- 34535 TTH 930 - 1100 BRB 1.118 MIRAVETE, E

INDUSTRIAL ORGANIZATION
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.
- 34540 TTH 930 - 1100 BRB 1.118 MIRAVETE, E

INDUSTRIAL ORGANIZATION
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.
- 34545 TTH 930 - 1100 BRB 1.118 MIRAVETE, E

LABOR ECONOMICS
Course number may be repeated for credit when the topics vary. Restricted to Option III economics master's degree students. Prerequisite: Graduate standing. meets with ECO 395K.
- 34550 MW 930 - 1100 BRB 1.118 OETTINGER, G

LABOR ECONOMICS
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.
- 34555 MW 930 - 1100 BRB 1.118 OETTINGER, G

LABOR ECONOMICS
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.
- 34560 MW 930 - 1100 BRB 1.118 OETTINGER, G

1-GAME THEORY
Course number may be repeated for credit when the topics vary. Introduction to game theoretic concepts and analyses and their application to study strategic interactions

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between individuals, firms, and other economic agents. Restricted to Option III economics master's degree students. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. meets with ECO 395K (TOPIC 1).
• 34565 TTH 200 - 330P BRB 2.136 BOYARCHENKO, S

1-GAME THEORY
Course number may be repeated for credit when the topics vary. Introduction to game theoretic concepts and analyses and their application to study strategic interactions between individuals, firms, and other economic agents. Restricted to Option III economics master's degree students. Restricted to master's students in the economics Option III program. Prerequisite: Graduate standing. Restricted to students in the Master of Arts in Economics program 18 month track. meets with ECO 395K (TOPIC 1).
• 34570 TTH 200 - 330P BRB 2.136 BOYARCHENKO, S

ECO 395M ADVANCED ECONOMETRICS 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. meets with ECO 395M, ECO 388C.
• 34575 TTH 1100 - 1230P BRB 1.118 DONALD, S

ADVANCED ECONOMETRICS 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 program 18 month track meets with ECO 395M, ECO 388C.
• 34580 TTH 1100 - 1230P BRB 1.118 DONALD, S

ADVANCED ECONOMETRICS 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. meets with ECO 395M, ECO 388C.
• 34584 TTH 1100 - 1230P BRB 1.118 DONALD, S

DATA MINING/STAT LEARNING
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. meets with ECO 395M.
• 34585 MW 1100 - 1230P BRB 1.118
• 34590 MW 1100 - 1230P BRB 1.118
• 34595 MW 1100 - 1230P BRB 1.118 SCOTT, J
• 34600 MW 1100 - 1230P BRB 1.118

DEVELOPMENT AND POPULATION
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.
• 34605 TTH 1100 - 1230P BRB 2.136 SPEARS, D

DEVELOPMENT AND POPULATION
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) 24 month track program.
• 34610 TTH 1100 - 1230P BRB 2.136 SPEARS, D

TIME SERIES ECONOMETRICS
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. meets with ECO 395M.
• 34615 MW 330 - 500P BRB 2.136 ZERVOU, A
• 34620 MW 330 - 500P BRB 2.136 ZERVOU, A

TIME SERIES ECONOMETRICS
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 program 18 month track. meets with ECO 395M.
• 34625 MW 330 - 500P BRB 2.136 ZERVOU, A

TIME SERIES ECONOMETRICS
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 program 24 month track. meets with ECO 395M.
• 34630 MW 330 - 500P BRB 2.136 ZERVOU, A

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.
• 34635

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.
• 34640

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.
• 34645

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.
• 34650

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.
• 34655

ECO 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Economics 399R, 699R, or 999R.
• 34660

ECO 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Economics 399R, 699R, or 999R.
• 34665

ECO 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Economics 399R, 699R, or 999R.
• 34670

DEPARTMENT OF ENGLISH

Creative Writing - CRW
English - E

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.
• 34725 MW 230 - 400P CAL 200 LASALLE, P

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). Restricted to students in the Creative Writing Certificate program.
• 34730 TTH 1100 - 1230P MEZ 1.206 CASARES, O
• 34735 MW 1130 - 100P 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.
• 34740 TTH 1230 - 200P WIN 1.148 SHAW, P

CRW 340F SHORT STORY WORKSHOP
Practice in writing the short story, with study of contemporary models. Creative Writing 340F and English 341 may not both be counted. Prerequisite: Creative Writing 325F (or English 325F), or 325M. Restricted to students in the Creative Writing certificate program.
• 34745 MW 400 - 530P PAR 310 LASALLE, P

SHORT STORY WORKSHOP
Practice in writing the short story, with study of contemporary models. Creative Writing 340F and English 341 may not both be counted. Prerequisite: Creative Writing 325F (or English 325F), or 325M. Restricted to students in the Creative Writing Certificate program.
• 34750 TTH 930 - 1100 CAL 419 HARVEY, J
• 34755 TTH 1230 - 200P PAR 302 FORTMEYER, K
• 34760 TTH 330 - 500P CAL 200 FORTMEYER, K

CRW 340P POETRY WORKSHOP
Practice in writing poetry, with study of contemporary models. Creative Writing 340P and English 341L may not both be counted. Prerequisite: Creative Writing 325M or 325P (or English 325P). Restricted to students in the Creative Writing Certificate program.
• 34765 MW 400 - 530P WAG 112 REEVES, R

CRW 355D PLAYWRITING III
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.
• 34770 MW 1100 - 1230P WIN 1.164 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.

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course	unique	days	time	room	instructor

Prerequisite: Creative Writing 340F (or English 341). Restricted to students in the Creative Writing Certificate program.

• 34775	MW	1000 - 1130	PAR 310	MCCRACKEN, E

CRW 370H HONORS CREATIVE WRITNG PROJECT

For advanced students already proficient in writing who wish to work under supervision on specific and substantial projects. Creative Writing 370H and English 367K may not both be counted. Prerequisite: Consent of the honors adviser.

• 34780	TTH	200 - 330P	JES A303A	HARVEY, J

E 303D PLAN II WORLD LIT PART II

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: Comparative Literature 315, English 303D, (603B), 316N, Tutorial Course 303D, (603B). Restricted to Plan II students. Prerequisite: English 303C or Tutorial Course 303C.

• 34835	TTH	930 - 1100	CAL 221	FRIEDMAN, A
• 34840	TTH	930 - 1100	CRD 007A	REBHORN, W
• 34845	TTH	930 - 1100	CRD 007B	WOODS, M
• 34855	MWF	1100 - 1200	CAL 419	GARCIA, P

PLAN II WORLD LIT PART II

Restricted to students registered under Plan II for the BA degree. Designed to accommodate 35 or fewer students. 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: Comparative Literature 315, English 303D, (603B), 316N, Tutorial Course 303D, (603B). Restricted to Plan II students. Prerequisite: English 303C or Tutorial Course 303C.

• 34860	MWF	1100 - 1200	CRD 007B	BARRET, J

PLAN II WORLD LIT PART II

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: Comparative Literature 315, English 303D, (603B), 316N, Tutorial Course 303D, (603B). Restricted to Plan II students. Prerequisite: English 303C or Tutorial Course 303C.

• 34865	MWF	1100 - 1200	CRD 007A	DOHERTY, B
• 34870	MWF	1100 - 1200	PAR 210	BAKER, S
• 34875	MWF	1100 - 1200	PAR 305	CHRISTIAN, G
• 34880	MWF	1100 - 1200	SAC 4.118	WOODARD, H
• 34885	MWF	1200 - 100P	BUR 128	MOORE, L

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).

• 34890	TTH	1100 - 1230P	RLP 1.108	CRESSLER, L
• 34895	MW	1130 - 100P	JES A216A	GOSSE, R
• 34900	TTH	1230 - 200P	GAR 2.128	TURLEY, E
• 34905	TTH	330 - 500P	RLP 0.118	RODRIGUEZ, G

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).

• 34910	MWF	1000 - 1100	RLP 0.118	LEISNER, K
• 34915	TTH	930 - 1100	MEZ 1.212	HARRING, E
• 34920	MWF	1200 - 100P	MEZ 1.212	FARRELL, K
• 34925	TTH	1230 - 200P	MEZ 1.212	LOZA, M
• 34930	TTH	330 - 500P	MEZ 1.216	MISHRA, A

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 Plan I and English Honors students.

• 34935	TTH	200 - 330P	PAR 305	ECHOLS, R

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).

• 34940	TTH	1100 - 1230P	JES A209A	COURTRIGHT, N

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).

• 34960	TTH	200 - 330P	CMA 3.114	GOHEEN, J

E 314V 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.

• 34965	MWF	900 - 1000	GEA 127	ROSAS, L
• 34970	MWF	200 - 300P	BIO 301	ROSAS, L

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).

• 34980	MW	1130 - 100P	JES A218A	MARTINEZ, B

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).

• 34990	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	1100 - 1200	SZB 426	
• 34995	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	1200 - 100P	SZB 426	
• 35000	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	1200 - 100P	SZB 526	
• 35005	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	100 - 200P	JES A303A	
• 35010	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	100 - 200P	SZB 426	
• 35015	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	200 - 300P	JES A216A	
• 35020	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	300 - 400P	GAR 2.112	
• 35025	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	300 - 400P	JES A216A	
• 35030	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	400 - 500P	GAR 2.112	
• 35035	TTH	1230 - 200P	FAC 21	HEDRICK, E
	M	400 - 500P	JES A216A	
• 35040	MWF	200 - 300P	MEZ 1.306	GARCIA, P
	M	300 - 400P	BEN 1.126	
• 35045	MWF	200 - 300P	MEZ 1.306	GARCIA, P
	M	300 - 400P	MEZ 2.124	
• 35050	MWF	200 - 300P	MEZ 1.306	GARCIA, P
	T	330 - 430P	BEN 1.126	
• 35055	MWF	200 - 300P	MEZ 1.306	GARCIA, P
	M	400 - 500P	MEZ 1.216	
• 35060	MWF	200 - 300P	MEZ 1.306	GARCIA, P
	M	400 - 500P	PAR 304	
• 35065	MWF	200 - 300P	MEZ 1.306	GARCIA, P
	T	430 - 530P	BEN 1.126	
• 35070	MWF	200 - 300P	MEZ 1.306	GARCIA, P
	T	500 - 600P	RLP 0.118	
• 35075	MWF	200 - 300P	MEZ 1.306	GARCIA, P
	T	600 - 700P	RLP 0.118	
• 35080	TTH	200 - 330P	WCH 1.120	REBHORN, W
	W	800 - 900	SZB 524	
• 35085	TTH	200 - 330P	WCH 1.120	REBHORN, W
	W	900 - 1000	SZB 524	
• 35090	TTH	200 - 330P	WCH 1.120	REBHORN, W
	W	1000 - 1100	SZB 380	
• 35095	TTH	200 - 330P	WCH 1.120	REBHORN, W
	W	1100 - 1200	SZB 524	
• 35100	TTH	200 - 330P	WCH 1.120	REBHORN, W
	W	1200 - 100P	SZB 380	
• 35105	TTH	200 - 330P	WCH 1.120	REBHORN, W
	W	100 - 200P	JES A217A	
• 35110	TTH	200 - 330P	WCH 1.120	REBHORN, W
	W	100 - 200P	SZB 380	

course	unique	days	time	room	instructor
	• 35115	TTH	200 - 330P	WCH 1.120	REBHORN, W
		W	200 - 300P	JES A216A	
	• 35120	TTH	200 - 330P	WCH 1.120	REBHORN, W
		W	300 - 400P	GDC 6.202	
	• 35125	TTH	200 - 330P	WCH 1.120	REBHORN, W
		W	400 - 500P	GDC 6.202	
	• 35130	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	1000 - 1100	SZB 284	
	• 35135	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	1000 - 1100	SZB 380	
	• 35140	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	1100 - 1200	SZB 422	
	• 35145	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	1200 - 100P	GAR 0.128	
	• 35150	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	100 - 200P	SZB 526	
	• 35155	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	200 - 300P	GDC 6.202	
	• 35160	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	200 - 300P	SZB 286	
	• 35165	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	300 - 400P	GDC 6.202	
	• 35170	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	300 - 400P	JES A209A	
	• 35175	TTH	330 - 500P	FAC 21	HEDRICK, E
		M	400 - 500P	JES A207A	

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).

• 35185	MW	830 - 1000	FAC 21	PEREZ, D
	F	800 - 900	JES A207A	
• 35190	MW	830 - 1000	FAC 21	PEREZ, D
	F	900 - 1000	JES A207A	
• 35195	MW	830 - 1000	FAC 21	PEREZ, D
	F	900 - 1000	SZB 526	
• 35200	MW	830 - 1000	FAC 21	PEREZ, D
	F	1000 - 1100	SZB 380	
• 35205	MW	830 - 1000	FAC 21	PEREZ, D
	F	1000 - 1100	SZB 526	
• 35210	MW	830 - 1000	FAC 21	PEREZ, D
	F	1100 - 1200	ETC 2.102	
• 35215	MW	830 - 1000	FAC 21	PEREZ, D
	F	1100 - 1200	SZB 526	
• 35220	MW	830 - 1000	FAC 21	PEREZ, D
	F	1200 - 100P	ETC 2.102	
• 35225	MW	830 - 1000	FAC 21	PEREZ, D
	F	1200 - 100P	SZB 526	
• 35230	MW	830 - 1000	FAC 21	PEREZ, D
	F	100 - 200P	SZB 526	
• 35235	TTH	1100 - 1230P	MEZ 1.306	PINTO, S
	W	200 - 300P	JGB 2.202	
• 35240	TTH	1100 - 1230P	MEZ 1.306	PINTO, S
	W	300 - 400P	JES A216A	
• 35245	TTH	1100 - 1230P	MEZ 1.306	PINTO, S
	W	300 - 400P	JGB 2.202	
• 35250	TTH	1100 - 1230P	MEZ 1.306	PINTO, S
	TH	330 - 430P	GDC 2.410	
• 35255	TTH	1100 - 1230P	MEZ 1.306	PINTO, S
	TH	330 - 430P	PAR 308	
• 35260	TTH	1100 - 1230P	MEZ 1.306	PINTO, S
	W	400 - 500P	JES A216A	
• 35265	TTH	1100 - 1230P	MEZ 1.306	PINTO, S
	TH	430 - 530P	GDC 2.410	
• 35270	TTH	1100 - 1230P	MEZ 1.306	PINTO, S
	TH	430 - 530P	PAR 308	
• 35275	MW	230 - 400P	JES A121A	CARTON, E
	F	800 - 900	ETC 2.102	
• 35280	MW	230 - 400P	JES A121A	CARTON, E
	F	800 - 900	MEZ 1.120	
• 35285	MW	230 - 400P	JES A121A	CARTON, E
	F	900 - 1000	MEZ 1.120	
• 35290	MW	230 - 400P	JES A121A	CARTON, E
	F	900 - 1000	WAG 208	
• 35295	MW	230 - 400P	JES A121A	CARTON, E
	F	1000 - 1100	JES A215A	
• 35300	MW	230 - 400P	JES A121A	CARTON, E
	F	1000 - 1100	SZB 426	
• 35305	MW	230 - 400P	JES A121A	CARTON, E
	F	1100 - 1200	GAR 0.128	
• 35310	MW	230 - 400P	JES A121A	CARTON, E
	F	1100 - 1200	JES A215A	
• 35315	MW	230 - 400P	JES A121A	CARTON, E
	F	1100 - 1200	SZB 426	
• 35320	MW	230 - 400P	JES A121A	CARTON, E
	F	1200 - 100P	JES A215A	
• 35325	MW	230 - 400P	JES A121A	CARTON, E
	F	1200 - 100P	SZB 240	
• 35330	MW	230 - 400P	JES A121A	CARTON, E
	F	100 - 200P	SZB 240	
• 35335	MW	230 - 400P	JES A121A	CARTON, E
	TH	500 - 600P	BEN 1.124	
• 35340	MW	230 - 400P	JES A121A	CARTON, E
	TH	500 - 600P	RLP 0.118	
• 35345	MW	230 - 400P	JES A121A	CARTON, E
	TH	600 - 700P	BEN 1.124	
• 35350	MW	230 - 400P	JES A121A	CARTON, E
	TH	600 - 700P	RLP 0.118	

E 316N WORLD LITERATURE

Designed to accommodate 100 or more 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.

• 35355	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	1000 - 1100	SZB 526	
• 35360	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	1100 - 1200	SZB 526	
• 35365	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	1200 - 100P	SZB 426	
• 35370	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	100 - 200P	SZB 426	
• 35375	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	200 - 300P	RLM 5.114	
• 35380	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	300 - 400P	BEN 1.126	
• 35385	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	300 - 400P	JES A209A	
• 35390	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	300 - 400P	RLM 5.114	
• 35395	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	330 - 430P	GDC 2.410	
• 35400	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	400 - 500P	JES A209A	
• 35405	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	400 - 500P	MEZ 1.120	
• 35410	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	430 - 530P	GDC 2.410	
• 35415	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	500 - 600P	BEN 1.124	
• 35420	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	500 - 600P	GAR 2.128	
• 35425	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	500 - 600P	BEN 1.122	
• 35430	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	W	500 - 600P	BEN 1.124	
• 35435	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	600 - 700P	BEN 1.124	
• 35440	TTH	930 - 1100	SAC 1.402	RICHMOND-GARZA, E
	T	600 - 700P	GAR 2.128	

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.

• 35442	TTH	930 - 1100	GAR 0.128	KORNHABER, D

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.

• 35445	TTH	930 - 1100	PAR 301	BERTELSEN, L

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.

• 35450	TTH	930 - 1100	PAR 105	HINES, Z
• 35455	TTH	800 - 930	PAR 304	RUMRICH, J
• 35459	TTH	1100 - 1230P	PHR 2.116	KORNHABER, D

E 321P SHAKESPEARE THRU PERFORMANCE

Designed to accommodate 35 or fewer students. An intensive study of the plays of William Shakespeare, with emphasis onperformance as a means of interpretation and an aid to comprehension. Prerequisite: Consent of instructor.

• 35460	MWF	1000 - 1100	MEZ 1.118	LOEHLIN, J

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.

• 35465	MWF	1200 - 100P	PAR 210	BLOCKLEY, M

10/11/2015

course	unique	days	time	room	instructor

E 324 LITERATURE AND MEDICINE

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. English 322 and 324 may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35470	MWF	200 - 300P	PAR 105	BARRISH, P

6-TROUBLED LITERARY MARRIAGES

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Examines how the personal lives of authors may be expressed in their works. Uses biographies, memoirs, letters, and the words of the authors,both in their creative and private lives, to explicate some of the major texts of the twentieth century. English 322 and 324 may not both be counted. English 324 (Topic: Literary Marriages from Hell) and 324 (Topic 6) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35475	TTH	200 - 330P	PAR 105	BERRY, B

E 326K LIT OF MIDDLE AGES IN TRANSLTN

Designed to accommodate 35 or fewer students. Romances, chronicles, legends, tales, and plays by English, Celtic, and Continental writers. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35480	TTH	200 - 330P	PAR 206	WOODS, M

E 327 BRITISH NOVEL IN 18TH CENTURY

Designed to accommodate 35 or fewer students. Representative novels and novelists from 1700 to 1832, including typical works of Defoe, Richardson, Fielding, Sterne, Austen, and Scott. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35485	TTH	800 - 930	PAR 105	BARCHAS, J

E 328 BRITISH NOVEL IN 19TH CENTURY

Designed to accommodate 35 or fewer students. Representative works by such writers as Dickens, Thackeray, the Brontes, Eliot, Meredith, and Hardy. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35490	MWF	100 - 200P	PAR 204	MACKAY, C

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.

• 35495	MWF	1200 - 100P	PAR 105	LAU, T

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.

• 35500	TTH	1230 - 200P	PAR 105	WOJCIEHOWSKI, H

E 338 AMER LIT: FROM 1865 TO PRESENT

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.

• 35510	MWF	1100 - 1200	PAR 105	COTTER, E

E 338E BRIT LIT: VICTORIAN ERA-WWII

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.

• 35515	TTH	330 - 500P	PAR 105	PLOURDE, A

E 340 THE AMERICAN NOVEL BEFORE 1920

Designed to accommodate 35 or fewer students. Representative novels by such writers as Brown, Melville, Fern, Hawthorne, Twain, Crane, James, Wharton, and Dreiser. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35520	TTH	930 - 1100	MEZ 2.124	

E 343L MODERNISM AND LITERATURE

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.

• 35525	MWF	1200 - 100P	RLP 0.106	EGAN, J

E 344L CONTEMP WOMEN WRTR/DIRECTR

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A study of the relationship between literary forms and other media (film, television, music, the visual arts). Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35530	MWF	200 - 300P	PAR 101	COTTER, E

FILM AUTEURS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A study of the relationship between literary forms and other media (film, television, music, the visual arts). Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35535	TTH	1100 - 1230P	PAR 105	KORNHABER, D

4-AUSTRALIAN LITERATURE & FILM

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. A study of the relationship between literary forms and other media (film, television, music, the visual arts). Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35545	TTH	1230 - 200P	PAR 206	BERRY, B

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.

• 35550	MW	230 - 400P	GAR 0.128	DOHERTY, B
• 35555	TTH	330 - 500P	PAR 204	WOJCIEHOWSKI, H

E 349S EDMUND SPENSER

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.

• 35560	MW	100 - 230P	SAC 5.102	BARRET, J

JRR TOLKIEN

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.

• 35564	MW	100 - 230P	PAR 103	BIRKHOLZ, D

LEWIS CARROLL/GEO MACDONALD

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.

• 35565	TTH	500 - 630P	PAR 105	PLOURDE, A

13-CHARLES DICKENS

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: Charles Dickens) and 349S (Topic 13) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35570	MW	230 - 400P	PAR 304	MACKAY, C

16-ERNEST HEMINGWAY

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: Ernest Hemingway) and 349S (Topic 16) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35575	MWF	900 - 1000	RLP 0.128	COX, J

E 350E SHAKESPEAREAN AFTERLIVES:HON

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.

• 35580	MWF	200 - 300P	PAR 210	LOEHLIN, J

E 350M HOW TO BECOME A ROMANTIC:HON

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. Restricted to students in the English Honors Program. meets with LAH 350.

• 35585	MWF	1000 - 1100	PAR 210	HEINZELMAN, K

E 350R MIDDLEMARCH TO MODRNSM: HON

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. Restricted to students in the English Honors program. Topic title: From Middlemarch to Modernism. meets with LAH 350.

• 35588	TTH	1100 - 1230P	PAR 310	MACDUFFIE, E

E 350M MODERNIST FICTIONAL AUTOBIO

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. Topic title: Modernist Fictional Autobiography.

• 35589	TTH	1100 - 1230P	JES A218A	TOTH, N

E 350R MARXISM AND LITERATURE

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.

• 35590	TTH	1230 - 200P	JES A218A	SHINGAVI, S

VIC MALADIES: DIS/ILL/DISAB

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. Topic title: Victorian maladies: disease, illness, and disability.

• 35595	MWF	1000 - 1100	PAR 105	LAU, T

E 356 THE EUROPEAN NOVEL

Designed to accommodate 35 or fewer students. Selected masterpieces of continental fiction in English translation; representative novelists of the nineteenth and twentieth

Draft 11/20/18

centuries. English 356 and European Studies 347 (Topic 7) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as EUS 347 (TOPIC 7).
• 35597 TTH 200 - 330P GAR 0.132 TOTH, N

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.
• 35600

E 359 BRIT DRAMA FROM 1660 TO 1900
Designed to accommodate 35 or fewer students. Representative drama texts from the Restoration to the beginnings of modern theatre, including Behn, Sheridan, Wilde, and Shaw. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35605 TTH 200 - 330P PAR 103 RICHMOND-GARZA, E

E 361K BRITISH DRAMA TO 1642
Designed to accommodate 35 or fewer students. A survey of early British drama, usually including works by Marlowe, Kyd, Shakespeare, Jonson, Webster, and Middleton. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35615 TTH 1230 - 200P PAR 310 MALLIN, E

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.
• 35620 TTH 1100 - 1230P PAR 101 CARTER, M

E 363 MILTON
Designed to accommodate 35 or fewer students. All the poetry of Milton, with particular attention to Comus, Samson Agonistes, and Paradise Lost. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35625 TTH 1100 - 1230P SZB 524 RUMRICH, 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.
• 35630 TTH 1230 - 200P PAR 204 BERTELSEN, L

E 364D AFRICAN AMERICAN ENGLISH
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Studies in English with particular attention to linguistic and cultural diversity. 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. Topic title: African American English and English-based Atlantic Creoles.
• 35635 MW 1000 - 1130 PAR 303 HINRICHS, L

E 364M HISTORY OF ENGLISH LANGUAGE
Designed to accommodate 35 or fewer students. Development of sounds, forms, and vocabulary of the English language from its origins to the present. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as LIN 364M.
• 35640 MWF 200 - 300P PAR 310 BLOCKLEY, M

E 364T ENG LANG & ITS SOCIAL CONTEXT
Designed to accommodate 35 or fewer students. English language history, theory, and research for students of literature and rhetoric. May include such topics as language diversity and variation, linguistic attitudes, language variety and education, and language and public policy. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35645 TTH 930 - 1100 PAR 204 HENKEL, J

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.
• 35650 TTH 1230 - 200P BEN 1.108 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.
• 35655

E 368H HONORS TUTORIAL COURSE I
Hour(s) to be arranged. 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.
• 35660

E 369H HONORS TUTORIAL COURSE II
Hour(s) to be arranged. 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+.
• 35665

E 370W MODERNIST WOMEN WRITERS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Gender as a category of literary and cultural analysis. Texts may include literature, film, popular culture, and other forms. 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.
• 35667 MWF 200 - 300P PAR 204 EGAN, J

E 371K MODERN AND CONTEMPORARY POETRY
Designed to accommodate 35 or fewer students. Poets that may be studied include Eliot, Auden, Stevens, Thomas, Bishop, Rich, and Merwin. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35670 MW 100 - 230P CAL 200 BENNETT, C

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.
• 35675 TTH 200 - 330P PAR 302

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.
• 35680 TTH 1230 - 200P RLP 0.122 HINES, Z

E 375L VICTORIAN LITERATURE
Designed to accommodate 35 or fewer students. Poetry and prose, 1832 to 1901; parallel reading in the novel and drama, and attention to the social and intellectual background of the period. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.
• 35685 MWF 1000 - 1100 PAR 204 CHRISTIAN, G

E 376M EARLY BLACK ATLANTIC
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.
• 35690 MWF 100 - 200P PAR 308 WOODARD, H

LATINX SHORT STORY
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 MAS 374, WGS 340.
• 35695 MWF 1000 - 1100 CAL 200 GARCIA, P

RETHINKING BLACKNESS
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 AMS 321, AFR 372C, WGS 340.
• 35700 TTH 1230 - 200P RLP 0.128 THOMPSON, L

8-BLACK QUEER LITERATURE/FILM
Course number may be repeated for credit when the topics vary. Analyzes written works, films, and videos by and about lesbians, bisexual, transgender, and gay black people, with an emphasis on understanding the historical and theoretical construction of sexual and gender identities and sexual/cultural practices in black communities. 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 372E (Topic: Black Queer Literature and Film), 372E (Topic 13), 374F (Topic: Black Queer Literature and Film), English 376M (Topic: Black Queer Literature and Film), 376M (Topic 8), Women's and Gender Studies 340 (Topic: Black Queer Literature and Film), 340 (Topic 47). Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. Additional prerequisite: For English majors, nine semester hours of coursework in English or rhetoric and writing; for others, upper-division standing. same as AFR 372E (TOPIC 13), WGS 340 (TOPIC 47).
• 35705 MW 230 - 400P RLP 1.102 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).
• 35710 TTH 1230 - 200P BEN 1.102 WILKS, J

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.
• 35715 MWF 1000 - 1100 SZB 278 CARTON, E

E 379 AMER LIT & THOUGHT: 1600-1840
Designed to accommodate 35 or fewer students. Early American literature as an embodiment of American thought and experience. Such topics as European ideas in the

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course	unique	days	time	room	instructor

New World; the political ideas of Hamilton, Jefferson, and Jackson; nationalism; industrialism. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35720	TTH	1100 - 1230P	PAR 204	SCHWARTZ, A

E 379P DRAMA IN PERFORMANCE

Designed to accommodate 35 or fewer students. Intensive study of drama through active performance as a means of interpretation and an aid to comprehension. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35725	TTH	330 - 500P	RLP 0.106	TURLEY, E

E 379R FILM NOIR: TEXTS AND FILM

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.

• 35727	TTH	200 - 330P	PAR 204	KORNHABER, D

IRISH CLASSICS: 20TH-C:HON

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. Topic title: Irish classics: literature and politics in the 20th Century. Restricted to students in the English Honors program. meets with LAH 350.

• 35730	TTH	200 - 330P	PAR 210	CULLINGFORD, E

TWENTY-FIRST-CENTURY POETRY

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.

• 35745	MW	1000 - 1130	CAL 323	BENNETT, C

1-CMP RDG/ADAPTATION OF FILM

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.

• 35750	TTH	200 - 330P	PAR 304	MALLIN, E

4-PRODUCING AMERICAN LIT

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. English 379R (Topic: Producing American Literature) and 379R (Topic 4) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35755	TTH	1100 - 1230P	PAR 302	WINSHIP, M

6-POP MUSIC/YOUTH SUBCULTURES

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. 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.

• 35760	MWF	100 - 200P	PAR 310	NEHRING, N

10-POET/PUNK: BRT CUL SNC 1945

Course number may be repeated for credit when the topics vary. Intensive study of selected topics in English. An examination of and research into the history of literature, popular music, and youth subcultures in England since 1945, including the development of cultural studies. Subjects explored include conventional notions of the hierarchy of high and mass culture, the issue of what avant-garde practice involves, and the forms it might take. English 379R (Topic: Poets and Punks) and 379R (Topic 10) may not both be counted. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing.

• 35765	MWF	1200 - 100P	PAR 310	NEHRING, N

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.

• 35770	F	1200 - 300P	CAL 323	YOUNG, D
• 35775	T	500 - 800P	CAL 323	CASARES, O

E 383L WORLD LIT/GLOBALISM: THRY/PRAC

Course number may be repeated for credit when the topics vary. A study of the major components of the English program in secondary school or college. Prerequisite: Graduate standing and consent of the English graduate adviser. meets with C L 382.

• 35780	TTH	330 - 500P	PAR 305	RICHMOND-GARZA, E

E 384L SCHOLARLY PUBLICATION

Offered on the credit/no credit basis only. Only one of the following may be counted: English 384K (Topic: ScholarlyPublication), 384K (Topic 3), 384L. Prerequisite: Graduate standing and consent of the English graduate adviser.

• 35785	TTH	930 - 1100	CAL 323	BARCHAS, J

E 384M PROFESSIONAL OUTCOMES

Offered on the credit/no credit basis only. Only one of the following may be counted: English 384K (Topic: Disciplinary Outcomes), 384K (Topic 4), 384M. Prerequisite: Graduate standing and consent of the English graduate adviser.

• 35790	M	400 - 700P	CAL 221	COX, J

E 386L CREATV WRIT: WRKSHP IN POETRY

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.

• 35795	T	1100 - 200P	CBA 4.336	OLSTEIN, L

E 387M TRANSNATIONAL 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.

• 35800	F	900 - 1200	PAR 214	DIAB, R

E 387R CLASCL RHET THROUGH CENTURIES

Course number may be repeated for credit when the topics vary. Topics include classical rhetoric, medieval and Renaissance rhetoric, eighteenth- and nineteenth-century rhetoric, and twentieth-century rhetoric. Prerequisite: Graduate standing and consent of the English graduate adviser.

• 35805	TTH	200 - 330P	PAR 214	WALKER, J

E 388M RHETORIC & DIGITAL CULTURES

Course number may be repeated for credit when the topics vary. Seminar on research in English literature, language, and rhetoric. Prerequisite: Graduate standing and consent of the English graduate adviser.

• 35810	W	400 - 700P	PAR 104	GRAHAM, S

E 391L CONF COURSE: FIELD EXAMINATION

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 the English graduate adviser.

• 35815

CONF COURSE: PROSPECTUS EXAM

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 the English graduate adviser.

• 35820

CONF COURSE: SUPERVISED 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 and consent of the English graduate adviser.

• 35825

E 691L CONF COURSE: FIELD EXAMINATION

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 the English graduate adviser.

• 35830

CONF COURSE: PROSPECTUS EXAM

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 the English graduate adviser.

• 35835

E 392M BRITISH HIST, LIT, & POLITICS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser. meets with HIS 384K, GOV 390L, MES 385.

• 35840	F	430 - 730P	HRC 3.204	LOUIS, W

MEDIEVAL PERFORMANCE CULTURE

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.

• 35845	M	900 - 1200	PAR 214	BIRKHOLZ, D

ROMANTIC POETRY, 1557-1966

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.

• 35850	W	1200 - 300P		BAKER, S

SHAKESPEAREAN POETICS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.

• 35855	T	200 - 500P	CAL 323	BRUSTER, D

E 395M CRIT APPR TO YA FICTIONS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser. Topic title: Critical approaches to young adult fictions. meets with MAS 392, AMS 391, WGS 393.

• 35860	M	1200 - 300P	CAL 323	PEREZ, D

LATINA/O NARRTV, ITS FUTURE

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser. meets with MAS 392.

• 35865	TH	200 - 500P	CAL 323	GONZALEZ, J

REAUTHORIZING THE AMER RENAIS

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.

• 35870	TH	1100 - 200P	CAL 22	KEVORKIAN, M

E 396L BLACKNESS/LITERARY IMAGINTN

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 English graduate adviser.

• 35875	M	600 - 900P	CAL 323	REEVES, R

E 397N FIN DE SIECLE TRAVL WRITING
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the English graduate adviser.
• 35880 TTH 1100 - 1230P PAR 305 HOAD, N

E 698B 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.
• 35885

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.
• 35890

E 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 35895

E 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 35900

E 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 35905

E 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: English 399R, 699R, or 999R.
• 35910

E 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: English 399R, 699R, or 999R.
• 35915

E 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: English 399R, 699R, or 999R.
• 35920

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.
• 35975 TTH 1100 - 1230P RLM 5.120 FULK, K
• 35980 TTH 1230 - 200P PAR 208 BONIFAZIO, P

EUS 306 LUTHER'S WORLD
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 302, 306, 307, 308. Prerequisite: Varies with the topic. meets with HIS 306N, GSD 310, R S 315.
• 35985 TTH 1230 - 200P GEA 114 HESS, P

4-JEWISH CIV: 1492 TO PRESENT
Course number may be repeated for credit when the topics vary. Subjects may include trends toward secularization, the emancipation of European Jewry, the emergence of American Jewry, the Holocaust, the establishment of the State of Israel, and the Arab-Israeli conflict. Only one of the following may be counted unless the topics vary: European Studies 302, 306, 307, 308. Only one of the following may be counted: European Studies 306 (Topic: Jewish Civilization: 1492 to the Present), 306 (Topic 4), History 306N (Topic 11), Jewish Studies 304N, 311 (Topic: Jewish Civilization: 1492 to the Present), Religious Studies 313 (Topic: Jewish Civilization: 1492 to the Present), 313N. Prerequisite: Varies with the topic. same as HIS 306N (TOPIC 11), J S 304N, R S 313N.
• 35990 TTH 930 - 1100 GAR 1.126 BODIAN, M

EUS 307 CUISINE/CULTURE CENTRL/E EUROP
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 302, 306, 307, 308. Prerequisite: Varies with the topic. meets with REE 302.
• 35995 TTH 200 - 330P BUR 130 HILCHEY, C

INTRO STUDY OF NORTHERN EUROPE
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 302, 306, 307, 308. Prerequisite: Varies with the topic. meets with GSD 301.
• 36000 TTH 1100 - 1230P MEZ 2.124 ARENS, K

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.
• 36005 MWF 1100 - 1200 MRH 2.608 OVALLE, J
T 500 - 600P MRH 2.610
• 36010 MWF 1100 - 1200 MRH 2.608 OVALLE, J
TH 500 - 600P MRH 2.610
• 36015 MWF 1100 - 1200 MRH 2.608 OVALLE, J
T 600 - 700P MRH 2.610
• 36020 MWF 1100 - 1200 MRH 2.608 OVALLE, J
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.
• 36025 MWF 100 - 200P MRH 2.608 LIU, P
T 500 - 600P MRH M3.114
• 36030 MWF 100 - 200P MRH 2.608 LIU, P
TH 500 - 600P MRH M3.114
• 36035 MWF 100 - 200P MRH 2.608 LIU, P
T 600 - 700P MRH M3.114
• 36040 MWF 100 - 200P MRH 2.608 LIU, P
TH 600 - 700P MRH M3.114

EUS 346 STUART ENGLAND, 1603-1689
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 375L.
• 36045 MWF 100 - 200P JGB 2.202 KRAMER, W

3-WITCHES, WORKERS, AND WIVES
Course number may be repeated for credit when the topics vary. Explores the role of families and concepts of gender as expressed in key economic, social, political, and cultural patterns in early modern Europe. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as HIS 343W, WGS 345 (TOPIC 29).
• 36050 TTH 930 - 1100 RLP 0.128 HARDWICK, J

5-VIENNA: MEMORY/THE CITY-AUT
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Examines the ways in which cultural memory has shaped, and continues to shape, urban life in Vienna, Austria. 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: American Studies 315 (Topic: Vienna: Memory and the City), 370 (Topic 41), European Studies 306 (Topic: Vienna: Memory and the City), 346 (Topic 5), Geography 309 (Topic: Vienna: Memory and the City), Germanic Civilization 311 (Topic: Vienna: Memory and the City), History 306N (Topic: Vienna: Memory and the City), 362G (Topic 2), Urban Studies 305 (Topic: Vienna: Memory and the City), 354 (Topic 7). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 10. Taught in Vienna, Austria. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates. same as AMS 370 (TOPIC 41), HIS 362G (TOPIC 2), URB 354 (TOPIC 7). also meets with GRG 356T.
• 36055 HOELSCHER, S

8-HERETICS & FREEDOM FIGHTERS
Course number may be repeated for credit when the topics vary. Explores the theologies, politics, and personal identities that emerged and passed away in this era. 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: Czech 324 (Topic: Heretics and Freedom Fighters, 1350-1650), 324 (Topic 4), European Studies 346 (Topic: Heretics and Freedom Fighters, 1350-1650), 346 (Topic 8), Germanic Civilization 327E (Topic: Heretics and Freedom Fighters, 1350-1650), German, Scandinavian, and Dutch Studies 360 (Topic 3), History 362G (Topic: Heretics and Freedom Fighters, 1350-1650), 362G (Topic 12), Religious Studies 357 (Topic: Heretics and Freedom Fighters, 1350-1650), 357 (Topic 12), Russian, East European, and Eurasian Studies325 (Topic: Heretics and Freedom Fighters, 1350-1650), 325 (Topic 28). Prerequisite: Varies with the topic. same as GSD 360 (TOPIC 3), HIS 362G (TOPIC 12), R S 357 (TOPIC 12).
• 36060 TTH 200 - 330P BUR 228 ROBERTS, J

20-PROTEST/REVOLT IN W GERMANY

Course number may be repeated for credit when the topics vary. Explores pivotal political and cultural movements in post-1945 West Germany, including the student movement, terrorism, feminism, the Green movement, and the anti-nuclear movement. Students engage with a wide array of primary and secondary sources ranging from literature and films to essays, newspaper articles, and speeches in order to examine the roots and results of protest, revolt, and revolution during this period of German history. 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: Protest, Revolt, and Revolution in Postwar Germany), 346 (Topic 20), German, Scandinavian, and Dutch Studies 360 (Topic: Protest, Revolt, and Revolution in Postwar Germany), 361J, Germanic Civilization 360E (Topic: Protest, Revolt, and Revolution in Postwar Germany). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GSD 361J.

• 36065 TTH 200 - 330P GEA 114 FULK, K

25-FRENCH REVOLUTION/NAPOLEON

Course number may be repeated for credit when the topics vary. Analysis of the social, political, and economic origins and outcomes of the French Revolution and Napoleon's empire. 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: The French Revolution and Napoleon), 346 (Topic 25), History 353. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as HIS 353. also meets with CTI 375.

• 36070 TTH 330 - 500P JGB 2.218 COFFIN, J

29-ANTI-SEMITISM IN HIST & LIT

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: European Studies 346 (Topic: Anti-Semitism in History and Literature), 346 (Topic 29), Comparative Literature 323 (Topic: Anti-Semitism in History and Literature), 323 (Topic 42), German, Scandinavian, and Dutch Studies 360 (Topic: Anti-Semitism in History and Literature), 361L, Jewish Studies 361 (Topic: Anti-Semitism in History and Literature), 364 (Topic 1). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 42), GSD 361L, J S 364 (TOPIC 1).

• 36075 TTH 200 - 330P BUR 337 HOBERMAN, J

EUS 347 ART AT COURT: GOTHIC PERIOD

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 330G.

• 36079 TTH 1230 - 200P DFA 2.204 HOLLADAY, J

GERMAN MEDIA: PRINT TO TV

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 330.

• 36080 TTH 330 - 500P MEZ 1.120 MANDEL, H

PUNKS/DIVAS IN SE EUROPE

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 WGS 345, REE 325.

• 36085 MW 230 - 400P SZB 330 BERONJA, V

VIKING LANG: RUNES/SAGAS

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.

• 36090 MWF 200 - 300P BUR 337 STRAUBHAAR, S

7-THE EUROPEAN NOVEL

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Selected masterpieces of continental fiction in English translation; representative novelists of the nineteenth and twentieth centuries. Only one of the following may be counted unless the topics vary: European Studies 346, 347, 348, 363. English 356 and European Studies 347 (Topic 7) may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as E 356.

• 36092 TTH 200 - 330P GAR 0.132 TOTH, N

13-FILMS OF INGMAR BERGMAN

Course number may be repeated for credit when the topics vary. An introduction to the films of Ingmar Bergman. 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: Films of Ingmar Bergman), 323 (Topic 11), English 322 (Topic 18), European Studies 347 (Topic: Films of Ingmar Bergman), 347 (Topic 13), German, Scandinavian, and Dutch Studies 331C, Scandinavian 327 (Topic 9). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 11), GSD 331C.

• 36095 TTH 930 - 1100 BUR 337 WILKINSON, L

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.

• 36100 TTH 1230 - 200P BEN 1.108 RAFFA, G

26-ART IN LIVES ORDINARY ROMAN

Course number may be repeated for credit when the topics vary. Art and architecture from the archaeological sites of Pompeii, Herculaneum, and Ostia as indices of Roman culture, 100 BC to AD 250. 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: Art History 327R, European Studies 347 (Topic: Art in the Lives of Ordinary Romans), 347 (Topic 26). Prerequisite: Varies with the topic. same as ARH 327R.

• 36105 MWF 1100 - 1200 DFA 2.204 CLARKE, J

27-NORTH RENAIS ART 1350-1500

Course number may be repeated for credit when the topics vary. Northern European art from the International Style to van Eyck and Hieronymus Bosch. 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: Art History 332K, European Studies 347 (Topic: Northern Renaissance Art, 1350-1500), 347 (Topic 27), Religious Studies 357 (Topic: Northern Renaissance Art, 1350-1500),357 (Topic 7). Prerequisite: Varies with the topic. same as ARH 332K, R S 357 (TOPIC 7).

• 36110 TTH 930 - 1100 DFA 2.204 SMITH, J

30-GOTHIC CATHEDRAL: AMIENS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An examination of the cathedral at Amiens, its meaning, structure, political and financial contexts, and sculptural programs, as well as its influence on other buildings in France and Germany. 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: Art History 330J, 374 (Topic: Gothic Cathedral: Amiens), European Studies 347 (Topic: Gothic Cathedral: Amiens), 347 (Topic 30), Religious Studies 357 (Topic: GothicCathedral: Amiens), 357 (Topic 14). Prerequisite: Varies with the topic. same as ARH 330J, R S 357 (TOPIC 14).

• 36115 TTH 930 - 1100 DFA 2.506 HOLLADAY, J

EUS 348 BUS ENVIRO OF EUROPN UNION

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 I B 372.

• 36120 MW 930 - 1100 CBA 5.330 FROEHLS, M

GERMANY AND IMMIGRATION

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.

• 36125 TTH 930 - 1100 GEA 114 LAUBENTHAL, B

SPORTS/POLITICS IN GERMANY

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.

• 36130 TTH 1100 - 1230P GEA 114 HOBERMAN, J

1-GOVS/POLIT OF EASTERN EUROPE

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: European Studies 348 (Topic 1), Government 324J, Russian, East European, and Eurasian Studies 335 (Topic 2). Prerequisite: Varies with the topic. Additional prerequisite: Six semester hours of lower-division coursework in government. same as GOV 324J, REE 335 (TOPIC 2).

• 36135 TTH 800 - 930 PAR 203 LIU, A

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.

• 36140 MW 1100 - 1230P CBA 4.326 GERBER, L
• 36145 MW 200 - 330P CBA 4.328 GERBER, L
• 36150 MW 330 - 500P CBA 4.328 GERBER, L

3-EUROPE ENVIRONMNTL POLITICS

Course number may be repeated for credit when the topics vary. The history of environmental politics in both the member states of the European Union and the EU itself, including conceptual treatment of general environmental politics and policies, history of European environmentalism, and institutional responses at important 'traditional'and new EU member states. Also examines EU environmental policies themselves, such as the EU Emissions Trading System, chemicals policy, and GMO policy. 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 Environmental Politics), 348 (Topic 3), Government 365N (Topic:European Environmental Politics), and 365N (Topic 20). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as GOV 365N (TOPIC 20).

• 36155 TTH 930 - 1100 PAR 206 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.

• 36160 TTH 930 - 1100 PAR 201 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.

• 36165

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.

• 36220	MWF	800 - 900	BEN 1.126	
	TTH	800 - 930	BEN 1.126	
• 36225	MWF	1000 - 1100	MEZ 1.208	
	TTH	930 - 1100	BEN 1.126	
• 36230	MWF	1000 - 1100	MEZ 2.122	
	TTH	930 - 1100	MEZ 2.122	
• 36235	MWF	1100 - 1200	MEZ 1.208	
	TTH	1100 - 1230P	MEZ 1.208	
• 36240	MWF	1100 - 1200	MEZ 2.122	
	TTH	1100 - 1230P	MEZ 2.122	
• 36245	MWF	100 - 200P	MEZ 1.208	
	TTH	1230 - 200P	MEZ 1.216	
• 36250	MWF	100 - 200P	MEZ 2.122	
	TTH	1230 - 200P	MEZ 2.122	
• 36255	MWF	200 - 300P	MEZ 1.102	
	TTH	200 - 330P	JES A207A	
• 36260	MWF	200 - 300P	MEZ 2.122	
	TTH	200 - 330P	MEZ 2.122	
• 36265	MWF	300 - 400P	MEZ 1.208	
	TTH	330 - 500P	MEZ 1.208	

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.

• 36270 SWANKIE, R

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.

• 36275 FAWAZ, Y

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.

• 36280	MWF	800 - 900	MEZ 1.208	
	TTH	800 - 930	MEZ 2.122	
• 36285	MWF	1000 - 1100	GAR 1.126	
	TTH	930 - 1100	BEN 1.108	
• 36290	MWF	1000 - 1100	GAR 2.112	
	TTH	930 - 1100	MEZ B0.302	
• 36295	MWF	1100 - 1200	RLP 1.102	
	TTH	1100 - 1230P	BEN 1.108	
• 36300	MWF	100 - 200P	MEZ 1.120	
	TTH	1230 - 200P	MEZ 1.120	
• 36305	MWF	100 - 200P	MEZ 2.124	
	TTH	1230 - 200P	PAR 103	
• 36310	MWF	200 - 300P	MEZ 2.124	
	TTH	200 - 330P	BEN 1.108	
• 36315	MWF	200 - 300P	PAR 308	
	TTH	200 - 330P	JES A218A	

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. Taught as a Web-based course.

• 36320	TTH	1100 - 1230P	GAR 0.128	GUILLOTEAU, N
• 36325	TTH	1230 - 200P	MEZ 1.208	

FR 412K INTERMEDIATE FRENCH I-WB

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; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.

• 36330 KYLE, P

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.

• 36335	MWF	900 - 1000	MEZ 2.118	SCHLEPPE, B
• 36340	MWF	1000 - 1100	HRH 2.112	PELLETIER, H
• 36345	MWF	1200 - 100P	MEZ 2.102	PELLETIER, H
• 36350	MWF	100 - 200P	BEN 1.102	

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.

• 36355	MWF	900 - 1000	MEZ 2.102	MAYNE, E
• 36360	MWF	1000 - 1100	PAR 101	GRIFFITHS, J
• 36365	MWF	1100 - 1200	MEZ 2.102	SCHLEPPE, B
• 36370	MWF	1200 - 100P	MEZ 2.122	SCHLEPPE, B

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.

• 36375	MWF	1000 - 1100	BEN 1.122	SKIDMORE, M
• 36380	MWF	1200 - 100P	MEZ 1.208	SKIDMORE, M
• 36385	MWF	200 - 300P	MEZ 1.208	MACE, F

FR 324L PRACTICAL PHONETICS

A thorough review of French phonetics, with emphasis on improving production and understanding of spoken French. Prerequisite: French 320E.

• 36390 TTH 1100 - 1230P MEZ 2.118 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.

• 36395 MWF 1100 - 1200 BEN 1.106 PELLETIER, H

FR 325E REPRESENTING DIFFERENCE

Focus on reading and interpreting texts involving representation of difference (gender, religious, cultural, political, economic, social). Prerequisite: French 322E.

• 36400 MWF 1000 - 1100 SAC 5.102 BEARDEN, M

FR 348 FRENCH DRAMA WORKSHOP

Intensive analysis of one or several plays or short literary texts, withemphasis on diction, delivery of lines, acting and staging; public performance of one play. Prerequisite: French 322E.

• 36405 MWF 1200 - 100P GAR 3.116 WELLS, A

FR 363L FRENCH TROUGH THE MEDIA

Focus on how the French language is used today to discuss current and cultural topics in the French media. French 359 (Topic: French Through the Media) and 363L may not both be counted. Prerequisite: At least six semester hours of upper-division coursework in French.

• 36410 TTH 930 - 1100 MEZ 2.118 BULLOCK, B

FR 372 COMPARATIVE STYLISTICS

Comparison of contemporary French and English syntax and style; study and practice in the technical difficulties of English-to-French and French-to-English translation. Prerequisite: French 322E.

• 36415 TTH 200 - 330P HRH 2.112 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.

• 36420

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.

• 36425

Spring 2018

course unique days time room instructor

FR 390L GENDER/GENRE 19TH CEN FICTN
Course number may be repeated for credit when the topics vary. Intensive study of particular writers or literary movements. Prerequisite: Graduate standing and twelve semester hours of upper-division coursework in French.
• 36430 TTH 930 - 1100 HRH 2.106C WETTLAUFER, A

FR 390M RESISTANCE & COLLABORATION
Course number may be repeated for credit when the topics vary. Intensive study of particular writers or literary movements. Prerequisite: Graduate standing and twelve semester hours of upper-division coursework in French.
• 36435 TTH 1230 - 200P MEZ 1.104 PICHERIT, H

FR 392K L2A PLASTICITY/VARIAB/AGE
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. meets with LIN 392.
• 36440 W 300 - 600P HRH 4.102B BIRDSONG, D

MULTILITERACIES
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. meets with ILA 386, MEL 381.
• 36445 TTH 200 - 330P HRH 4.102B BLYTH, C

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 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.
• 36450

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.
• 36455

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.
• 36460

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.
• 36465

FR 398T SUPERVISED TEACHING IN FRENCH
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 and appointment as a teaching assistant.
• 36470 TTH 800 - 930 BEN 1.106 GUILLOTEAU, N

FR 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36475

FR 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36480

FR 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 36485

FR 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: French 399R, 699R, or 999R.
• 36490

FR 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: French 399R, 699R, or 999R.
• 36495

FR 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: French 399R, 699R, or 999R.
• 36500

F C 341 THE BELLY OF THE BEAST
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing.
• 36555 MWF 100 - 200P PAR 306 SKIDMORE, M

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.
• 36610 MWF 800 - 1000 BEN 1.108
• 36615 MWF 1000 - 1200 BEN 1.108
• 36620 MWF 1200 - 200P MEZ 2.118
• 36625 MWF 200 - 400P MEZ 2.118

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.
• 36630 MWF 800 - 1000 MEZ 2.122
• 36635 MWF 1000 - 1200 MEZ 2.118
• 36640 MWF 1200 - 200P BEN 1.108
• 36645 MWF 200 - 400P BEN 1.108

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.
• 36650 MWF 1200 - 100P BEN 1.106

ITL 329 ADV COMPOSITION AND CONVERSATN
Advanced work in writing and speech, based on current events and contemporary readings. Prerequisite: Italian 320 or 328 with a grade of at least C.
• 36655 TTH 930 - 1100 MEZ 1.208 RUSSI, C

ITL 347 ITALIAN POPULAR CINEMA
Analysis of Italian genre films (melodrama, comedy, horror, western, action), in their cultural and historical contexts. Italian 331 (Topic: Italian Popular Cinema) and 347 may not both be counted. Prerequisite: Italian 320 or 328 with a grade of at least C.
• 36660 TTH 200 - 330P MEZ 2.118 BONIFAZIO, P

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.
• 36665

ITL 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 Italian Honors Program.
• 36670

ITL 382 ANTIHERO 20TH CEN ITL NOVEL
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.
• 36675 TTH 1230 - 200P HRH 2.106C CARTER, D

ITL 390K ARIOSTO AND RENAISSANCE ITALY
Course number may be repeated for credit when the topics vary. Intensive study of a particular writer, school, or literary movement. Prerequisite: Graduate standing.
• 36680 TTH 200 - 330P MEZ 1.104 BIOW, D

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.
• 36685

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.
• 36690

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.
• 36695

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.
• 36700

ITL 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral program.
• 36705

10/11/2018

course	unique	days	time	room	instructor

ITL 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral program.
• 36710

ITL 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral program.
• 36715

ITL 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Italian 399R, 699R, or 999R.
• 36720

ITL 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Italian 399R, 699R, or 999R.
• 36725

ITL 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Italian 399R, 699R, or 999R.
• 36730

ITC 338 ITALIAN TELEVISION ADVERTISING
Analysis of Italian television commercials in order to identify changes that have taken place at the level of language, with some attention to socio-cultural dynamics. Only one of the following may be counted: European Studies 347 (Topic: ITL TV ADS: FASHION/FOOD/CARS), Italian Civilization 338, 349 (Topic: ITL TV ADS: FASHION/FOOD/CARS), Women's and Gender Studies 340 (Topic: ITL TV ADS: FASHION/FOOD/CARS). Prerequisite: Upper-division standing.
• 36785 TTH 1100 - 1230P PAR 210 RUSSI, C

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.
• 36790 TTH 1230 - 200P BEN 1.108 RAFFA, G

DEPARTMENT OF GEOGRAPHY AND THE ENVIRONMENT

Geography - GRG
Sustainability Studies - SUS
Urban Studies - URB

GRG 401C THE NATURAL ENVIRONMENT
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.
• 36845 MWF 1000 - 1100 GSB 2.126
T 930 - 1100 RLP 3.102
• 36850 MWF 1000 - 1100 GSB 2.126
TH 930 - 1100 RLP 3.102
• 36855 MWF 1000 - 1100 GSB 2.126
T 1100 - 1230P RLP 3.102
• 36860 MWF 1000 - 1100 GSB 2.126
TH 1100 - 1230P RLP 3.102
• 36865 MWF 1000 - 1100 GSB 2.126
T 1230 - 200P RLP 3.102
• 36870 MWF 1000 - 1100 GSB 2.126
TH 1230 - 200P RLP 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-10pm on Mondays, February 18, April 22, and Wednesdays, March 13, May 8.
• 36875 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.
• 36880 TTH 1230 - 200P RLP 0.126
M 900 - 1030 RLP 3.102
• 36885 TTH 1230 - 200P RLP 0.126
W 900 - 1030 RLP 3.102
• 36890 TTH 1230 - 200P RLP 0.126
F 900 - 1030 RLP 3.102
• 36895 TTH 1230 - 200P RLP 0.126
M 1030 - 1200 RLP 3.102
• 36900 TTH 1230 - 200P RLP 0.126
W 1030 - 1200 RLP 3.102
• 36905 TTH 1230 - 200P RLP 0.126
T 330 - 500P RLP 3.102
• 36910 TTH 1230 - 200P RLP 0.126
TH 330 - 500P RLP 3.102

GRG 305 THIS HUMAN WORLD: INTRO TO GRG
Introductory survey of human geography, including human-environment relations, cultural patterns and processes, and geography's relation to other fields of study.
• 36915 MWF 200 - 300P GAR 0.102
M 900 - 1000 RLP 0.108
• 36920 MWF 200 - 300P GAR 0.102
W 900 - 1000 RLP 0.108
• 36925 MWF 200 - 300P GAR 0.102
M 1000 - 1100 RLP 0.122
• 36930 MWF 200 - 300P GAR 0.102
W 1000 - 1100 CBA 4.342
• 36935 MWF 200 - 300P GAR 0.102
M 1100 - 1200 RLP 0.120
• 36940 MWF 200 - 300P GAR 0.102
W 1100 - 1200 RLP 0.120
• 36945 MWF 200 - 300P GAR 0.102
M 1200 - 100P RLP 0.108
• 36950 MWF 200 - 300P GAR 0.102
W 1200 - 100P RLP 0.108
• 36955 MWF 200 - 300P GAR 0.102
F 1200 - 100P RLP 0.108

GRG 309C CREATING SUSTAINABLE SOCTY
Designed to accommodate 100 or more students. 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.
• 36960 MWF 1100 - 1200 CAL 100 SWEARINGEN, W

GRG 410C SPATIAL DATA AND ANALYSIS
Fundamental concepts in spatial data acquisition, analysis, and presentation, with emphasis on the needs of professionals in cartography, geographic information systems (GIS), and remote sensing.
• 36965 MW 230 - 400P RLP 1.404 BEACH, S
W 400 - 530P RLP 1.404

GRG 319 GEOGRAPHY OF LATIN AMERICA
Adaptations to population growth and spatial integration in cultural landscapes of great natural and ethnic diversity; problems of frontiers and cities. same as LAS 319.
• 36970 TTH 200 - 330P RLP 0.128 KNAPP, G

GRG 323K SOUTH AMER: NAT/SOCTY/SUST-ECU
Hour(s) to be arranged. Field study of environmental and social change in selected landscapes inSouth America, such as protected areas; places of food production; transportation routes; migrant landscapes; urban areas; sites of cultural and historical importance; and issues of human rights. Prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets June 5-July 5. Taught in Cuenca, Ecuador. Students must consult with Study Abroad Pr ogram Coordinator as travel and orientation dates may be in addition to these dates. same as LAS 330 (TOPIC 3).
• 36975 KNAPP, G

GRG 327 GEOG OF FORMER SOV UNION
A systematic introduction to cultural, physical, political, and economic geography of the former Soviet Union. Focus on the fundamental transformation that the former Socialist Union Republics, now sovereign states, have undergone since 1991. Prerequisite: Upper-division standing. same as REE 345 (TOPIC 4).
• 36980 TTH 330 - 500P BUR 220 JORDAN, B

GRG 331K NATURE, SOCIETY, & ADAPTATN
Long term trajectories of change in human environment relationships, including issues of human evolution and human nature, violence, population, food, agriculture, urbanization, globalizing modernization, and environmental impacts; issues of sustainability, cultural survival, human rights, and environmental protection. Prerequisite: Upper-division standing. same as ANT 324L (TOPIC 17).
• 36985 TTH 1100 - 1230P RLP 0.108 KNAPP, G

GRG 333C SEVERE AND UNUSUAL WEATHER
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.
• 36990 TTH 200 - 330P RLP 1.102 KIMMEL, T

GRG 334L VULNERABILITY TO NAT HAZARDS
An interdisciplinary approach, set right at the nexus of both physical and human geography, to studying the types of natural disasters that occur throughout Earth with a focus on tropical areas. Explore a region's susceptibility to natural disasters by studying the physical phenomena that incite specific hazards so that their spatial distribution can be outlined. Utilize theoretical frameworks that can expose the social causes of human vulnerability, the political repercussions of disasters, and how disaster response varies from country to country depending on varying political stances and economic conditions. Only one of the following may be counted: Geography 334C, 334L, Latin American Studies 330 (Topic: Environment Hazards Latin America/Caribbean), 330 (Topic 5). Prerequisite: Upper-division standing. same as LAS 330 (TOPIC 5).
• 36995 TTH 930 - 1100 SRH 1.320 RAMOS, C

GRG 335N LANDSCAPE ECOLOGY
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 ex-

10/11/2018

course	unique	days	time	room	instructor

plores 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.

• 37000	MW	1130 - 100P	GAR 1.126	POLK, M

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.

• 37005	TTH	200 - 330P	JES A216A	RAMOS, C

GRG 339K ENVIR, DEVEL, & FOOD PRODUCTN

Assessment of various types of agriculture with regard to environmental factors and management techniques. Geography 339K and 390S may not both be counted. Prerequisite: Upper-division standing.

• 37010	MWF	1100 - 1200		DOOLITTLE, W

GRG 340D POLIT ECOL OF GLOBAL/ENVIR DEG

Study of current environmental problems from the perspective of political ecology, which critically examines political, economic, and social relations between humans and the natural world. Uses case studies from Africa, Latin America, Asia, and the Middle East to address climate change, deforestation, desertification, biodiversity, and environmental justice. Prerequisite: Upper-division standing.

• 37015	MW	100 - 230P	SZB 370	WALENTA, J

GRG 342C SUSTAINABLE DEVELOPMENT

Historical and contemporary analysis of international development with afocus on the prospects for environmental sustainability. Prerequisite: Upper-division standing.

• 37020	MW	830 - 1000	JES A305A	WALENTA, J

GRG 356 ARCHAEOLOGY OF CLIMATE CHANGE

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 ANT 324L (TOPIC 57).

• 37025	MW	100 - 230P	PAR 1	ROSEN, A

GLOBAL SUSTNBLTY/SOIL-HON

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 LAH 350.

• 37030	TTH	200 - 330P	RLP 3.102	BEACH, T

THE HEALTHY, LIVABLE CITY

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 URB 352.

• 37035	TTH	330 - 500P	JES A303A	ELKINS, J

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.

• 37040	TTH	930 - 1100	GDC 1.406	ELKINS, J

GRG 356T GEOG OF LAT AMERICAN-U.S. MIGR

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 37045	TTH	1230 - 200P	JES A203A	TORRES, R

MAYA ART/ARCHITECTURE-GUA

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: Varies with the topic. Restricted to students in the Maymester Abroad Program. Class meets June 5-July 2. Taught at Casa Herrera, Antigua, Guatemala. Students must consult with department as travel and orientation dates may be in addition to these dates. meets with ARH 347M, ANT 324L, LAS 327 (TOPIC 5).

• 37050				STUART, D

RACE AND PLACE

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with AFR 372C, AMS 321.

• 37055	TTH	330 - 500P		THOMPSON, S

VIENNA: MEMORY/THE CITY-AUT

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 10. Taught in Vienna, Austria. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates. meets with URB 354 (TOPIC 7), EUS 346 (TOPIC 5), AMS 370 (TOPIC 41), HIS 362G (TOPIC 2).

• 37060				HOELSCHER, S

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.

• 37065	TTH	330 - 500P	JGB 2.202	

7-GEOGRAPHY OF MEDIA

Course number may be repeated for credit when the topics vary. Explores the media from a geographical perspective. Geography 356T (Topic: Geography of Media) and 356T (Topic 7) may not both be counted. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing.

• 37070	MW	1000 - 1130	JES A217A	ADAMS, P

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).

• 37075	TTH	1230 - 200P	JES A303A	ELKINS, J

12-MAPPING LATIN AMERICA

Course number may be repeated for credit when the topics vary. Discuss the role of maps in the creation of Latin America as a specific sort of place. As such, allows familiarity with a broad overview of Latin American history from Pre-Columbian civilizations to the modern period. Only one of the following may be counted: Geography 356T (Topic: MappingLatin America), 356T (Topic 12), History 363K (Topic: Mapping Latin America), 363K (Topic 4), Latin American Studies 330 (Topic: Mapping Latin America), 330 (Topic 4). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as HIS 363K (TOPIC 4), LAS 330 (TOPIC 4).

• 37080	TTH	930 - 1100	SRH 1.115	DEL CASTILLO, L

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.

• 37085	TTH	1230 - 200P	GAR 0.132	ELKINS, J

GRG 460G ENVIR GEOGRAPHIC INFO SYSTEMS

An introduction to the creation and use of geographic information systems. Prerequisite: Upper-division standing.

• 37090	MW	100 - 230P	ART 1.120	ARIMA, E
	T	930 - 1100	RLP 1.402	
• 37095	MW	100 - 230P	ART 1.120	ARIMA, E
	TH	930 - 1100	RLP 1.402	
• 37100	MW	100 - 230P	ART 1.120	ARIMA, E
	T	200 - 330P	RLP 1.402	
• 37105	MW	100 - 230P	ART 1.120	ARIMA, E
	TH	200 - 330P	RLP 1.402	

GRG 369D GIS APPS IN SOCIAL/ENV SCI

Offered on the letter-grade basis only. A hands-on approach to covering the appropriate use of geographical information systems (GIS) and spatial statistical analysis in different sub-disciplines. Geography 356 (Topic: GIS Applications in Social and Environmental Science) and 369D may not both be counted. Prerequisite: Geography 460G.

• 37110	TTH	1230 - 200P	RLP 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: Upper-division standing and Geography 460G (360G). meets with GRG 470C.

• 37115	MW	1000 - 1130	PAR 1	ARIMA, E
	M	200 - 400P	RLP 1.402	
• 37120	MW	1000 - 1130	PAR 1	ARIMA, E
	W	200 - 400P	RLP 1.402	

GRG 373F FIELD TECHNIQUES

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.

• 37125	MWF	1200 - 100P	RLP 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.

• 37130

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

course unique days time room instructor

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.
• 37135

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.
• 37140

GRG 390L RESEARCH IN GEOGRAPHY
Builds on topics explored in Geography 390K by focusing on epistemology and research in the field of geography. Students develop plans for research and write a research proposal. Required of all first-year graduate students in geography. Prerequisite: Graduate standing and Geography 390K.
• 37145 TH 400 - 700P RLP 3.710 TORRES, R

GRG 396T ANTHROPOCENE IN THE LONGUE DUR
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with ANT 380K.
• 37150 M 300 - 600P SAC 5.118 BEACH, T

FEMINST GEOPOL: RACE/EMPIRE
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. meets with WGS 393.
• 37154 W 200 - 500P CAL 221 VASUDEVAN, P

INTRO TO GIS FOR PUBL AFFAIRS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with P A 388K.
• 37155 W 600 - 900P SRH 3.124 PAVON, M

SPATIAL ECOLOGY: SPEC TOPIC
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic.
• 37160 T 400 - 700P CBA 4.336 MILLER, J

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.
• 37165

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.
• 37170

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.
• 37175

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.
• 37180

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.
• 37185

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.
• 37190

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.
• 37195

GRG 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geography 399R, 699R, or 999R.
• 37200

GRG 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geography 399R, 699R, or 999R.
• 37205

GRG 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Geography 399R, 699R, or 999R.
• 37210

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.
• 37265 T 330 - 630P RLP 0.120 WALENTA, J

SUS 379L DIRECTED INTERNSHIPS IN SUS
Experience working in an appropriate government agency, non-governmentalorganization, or private business. Prerequisite: Upper-division standing.
• 37270 W 600 - 900P RLP 0.104 POLK, M

URB 315 URBAN STUDIES RESEARCH METHODS
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. An introduction to urban studies research methodologies. Includes sources of urban data, the use of the library in urban research, formulating research questions, research design, methods commonly used in urban research, the use of computers to store and manipulate quantitative urban data, and an introduction to data analysis and theoretical and practical applications of urban research. Prerequisite: Mathematics 408C or 408K with a grade of at least C-; Mathematics 316 or Statistics and Scientific Computation 305 with a grade of at least C-; and Urban Studies 301.
• 37325 MW 100 - 230P RLP 1.102 ADAMS, P

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).
• 37330 TTH 1230 - 200P JES A303A ELKINS, J

URB 351 4-DEVELOPMENT ECONOMICS
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. Introduction to theories of economic development. Economic analysis of leading issues. Only one of the following may be counted: Economics 333K, Urban Studies 351 (Topic: Development Economics), 351 (Topic 4). Prerequisite: Varies with the topic. Additional prerequisite: Economics 420K or 421K with a grade of at leastC-. same as ECO 333K.
• 37335 MW 1000 - 1130 SZB 296 LINDEN, L

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.
• 37340 MW 800 - 930 UTC 1.102 BOWERS, S
• 37344 MW 930 - 1100 UTC 1.102 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.
• 37345 MW 800 - 930 UTC 4.122 MCCLELLAN, C

URB 352 THE HEALTHY, LIVABLE CITY
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 GRG 356.
• 37350 TTH 330 - 500P JES A303A ELKINS, J

5-MDRNSM IN AM DESIGN/ARCH
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. A historical survey of artifacts, buildings, and urban environments, focusing on responses to machine-age civilization. Only one of the following may be counted: American Studies 330, Art History 339Q, Urban Studies 352 (Topic: Modernism in American Design andArchitecture), 352 (Topic 5). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AMS 330, ARH 339Q.
• 37355 TTH 200 - 330P SAC 5.102 MEIKLE, J

6-PRINS OF PHYSICAL PLANNING
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. Introductory course in the physical dimension of urban planning. Only one of the following may be counted: Community and Regional Planning 369K, Urban Studies 352 (Topic: Principles of Physical Planning), 352 (Topic 6). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing, and one of the following with a grade of at least C: Architecture 561R, 661R, 561C, 560T, 660T. same as CRP 369K.
• 37360 WF 900 - 1030 GOL 3.120 ALMY, D

7-BUILDING SUSTAINABLE CITY
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. Only one of the following may be counted: Sociology 321K (Topic: Building the Sustainable City), 323S, Urban Studies 352 (Topic: Buildingthe Sustainable City), or 352 (Topic 7). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as SOC 323S.
• 37365 TTH 1230 - 200P JES A216A SWEARINGEN, W

URB 353 HIST OF AMERICAN CITY-BLDG
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. meets with ARC 388R, ARC 342R, CRP 392C (TOPIC 1).
• 37370 T 200 - 500P SUT 2.110 HOLLERAN, M

HIST/THEORS OF LANDSCP ARCH II
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. meets with ARC 395F, ARC 342F, LAR 388L.
• 37375 MW 930 - 1100 SUT 2.112 BENES, M

1-AFRICAN AMER HIST SINCE 1860
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. Survey of the history of African Americans in the United States from 1860 to the present: Emancipation, Reconstruction politics, migration and urbanization, and the evolution of African American culture; kinds of sources and methods valuable for analyzing African American life and culture. Only one of the following may be counted: African and African Diaspora Studies 357D, American Studies 321 (Topic: African American History since 1860), 321F, History 357D, Urban Studies 353 (Topic 1). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AFR 357D, AMS 321F, HIS 357D.
• 37380 TTH 1100 - 1230P WALKER, J

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 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).
• 37385 TTH 1230 - 200P MEZ B0.306 OZANNE, R

URB 354 DESIGN AND INFORMAL CITY
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 ARC 386M, ARC 327R, CRP 385C.
• 37390 T 1230 - 330P WMB 3.108 LEDESMA DE LEON, E

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).
• 37395 TTH 330 - 500P JGB 2.202

7-VIENNA: MEMORY/THE CITY-AUT
Hour(s) to be arranged. 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. Examines the ways in which cultural memory has shaped, and continues to shape, urban life in Vienna, Austria. Only one of the following may be counted: American Studies 315 (Topic: Vienna: Memory and the City), 370 (Topic 41), European Studies 306 (Topic: Vienna: Memory and the City), 346 (Topic 5), Geography 309 (Topic: Vienna: Memory and the City), Germanic Civilization 311 (Topic: Vienna: Memory and the City), History 306N (Topic: Vienna: Memory and the City), 362G (Topic 2), Urban Studies 305 (Topic: Vienna: Memory and the City), 354 (Topic 7). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 10. Taught in Vienna, Austria. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates. same as AMS 370 (TOPIC 41), EUS 346 (TOPIC 5), HIS 362G (TOPIC 2). also meets with GRG 356T.
• 37400 HOELSCHER, S

10-HUMAN BEHAV & SOCIAL ENVIR
Laboratory hour(s) to be arranged. 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.
• 37405 MW 930 - 1100 SSW 2.130 O'GARA, J
• 37410 MW 1100 - 1230P SSW 2.122

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.
• 37415 TTH 1100 - 1230P RLP 0.102 KELLY, W
• 37420 TTH 1230 - 200P RLP 0.102 KELLY, W

URB 370 SENIOR PROJECT
Hour(s) to be arranged. 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.
• 37425

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.
• 37430

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 612 ACCELERATED SECOND-YEAR DANISH
Prerequisite: Danish 604.
• 37485 MWF 900 - 1100 BUR 232 CORTSEN, R

DCH 612 ACCELERATED SECOND-YEAR DUTCH
Prerequisite: Dutch 604.
• 37540 MWF 900 - 1100 BUR 234 VANDERHEIJDEN, V

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.
• 37545

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.
• 37600 MW 1000 - 1100 JES A305A
TTH 930 - 1100 JES A305A
• 37605 MW 1100 - 1200 JES A305A
TTH 1100 - 1230P JES A305A
• 37610 MW 100 - 200P JES A305A
TTH 1230 - 200P JES A305A
• 37615 MW 200 - 300P JES A305A
TTH 200 - 330P 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.

• 37620	MW	800 - 900	JES A307A	
	TTH	800 - 930	JES A307A	
• 37625	MW	1000 - 1100	JES A307A	
	TTH	930 - 1100	JES A307A	
• 37630	MW	1100 - 1200	JES A307A	
	TTH	1100 - 1230P	JES A307A	
• 37635	MW	1200 - 100P	JES A209A	
	TTH	1230 - 200P	JES A307A	
• 37640	MW	200 - 300P	JES A307A	
	TTH	200 - 330P	JES A307A	
• 37645	MW	300 - 400P	JES A307A	
	TTH	330 - 500P	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.

• 37650	MWF	800 - 1000	JES A303A	
• 37655	MWF	900 - 1100	JES A203A	
• 37660	MWF	1100 - 100P	JES A303A	
• 37665	MWF	100 - 300P	JES A215A	

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.

• 37670	MWF	100 - 200P	BIO 301	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.

• 37675	TTH	330 - 500P	GEA 114	LAUBENTHAL, B

GER 340C HIST BACKGROUNDS OF GERMAN CIV

Cultural, social, and literary history of German-speaking Europe of the Middle Ages. Studies humanism, the Reformation, absolutism, and the early Enlightenment (between 1200 and 1750). Taught in German. Prerequisite: Three semester hours of upper-division coursework in German with a grade of at least C.

• 37680	TTH	200 - 330P	BUR 234	HESS, P

GER 343C CONTEMPORARY GERMAN CIVILIZATN

Cultural, social, and literary history of Germany between 1900 and reunification. Taught in German. Prerequisite: Three semester hours of upper-division coursework in German with a grade of at least C.

• 37685	TTH	930 - 1100	BUR 234	BELGUM, 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.

• 37690

GER 373 BIOGRAPHY AND AUTOBIOGRAPHY

Course number may be repeated for credit when the topics vary. Prerequisite: Six semester hours of upper-division coursework in German.

• 37695	TTH	1230 - 200P	BEN 1.106	BELGUM, K

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.

• 37700

GER 382N GER ROOTS INT'L SCHOLARSHIP

Course number may be repeated for credit when the topics vary. An interdisciplinary investigation of the significance of ideological structures of thought in historical contexts. Prerequisite: Graduate standing or consent of instructor. meets with C L 381.

• 37705	TTH	200 - 330P	BUR 232	ARENS, K

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.

• 37710

GER 397P 2ND LANG SENTENCE COMPR/PROC

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing or consent of instructor.

• 37715	TTH	1230 - 200P	BUR 232	HENRY, N

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.

• 37720

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.

• 37725

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.

• 37730

GER 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 37735

GER 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 37740

GER 999R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 37745

GER 399W DISSERTATION

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

• 37750

GER 699W DISSERTATION

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

• 37755

GER 999W DISSERTATION

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

• 37760

GSD 301 INTRO STUDY OF NORTHERN EUROPE

Introduces significant moments in and monuments from the cultural histories of the German-speaking, Scandinavian, and Dutch nations from their beginnings to the present. Designed to discuss representative problems in research and analysis in cultural studies and the humanities. meets with EUS 307.

• 37815	TTH	1100 - 1230P	MEZ 2.124	ARENS, K

GSD 310 LUTHER'S WORLD

Course number may be repeated for credit when the topics vary. Introduction to important topics in the history of Northern Europe's culture, including areas from history, the arts, film studies, language and linguistics, and literature. Only one of the following may be counted unless the topics vary: German, Scandinavian, and Dutch Studies 310, Germanic Civilization 301, and Scandinavian 302. meets with HIS 306N, EUS 306, R S 315.

• 37820	TTH	1230 - 200P	GEA 114	HESS, P

1-AMER JEWS: THE YIDDISH EXP

Course number may be repeated for credit when the topics vary. Introduction to important topics in the history of Northern Europe's culture, including areas from history, the arts, film studies, language and linguistics, and literature. Focuses on over a century of Yiddish-based contributions to American literature, music, and film, including works by Isaac Bashevis Singer, Michael Chabon, Woody Allen, and the Marx Brothers. Only one of the following may be counted unless the topics vary: German, Scandinavian, and Dutch Studies 310, Germanic Civilization 301, and Scandinavian 302. Only one of the following may be counted: American Studies 315 (Topic: Jews in America: The Yiddish Experience), 315 (Topic 4), 315 (Topic 6); German, Scandinavian, and Dutch Studies 310 (Topic: Jews in America: The Yiddish Experience), 310 (Topic 1); Jewish Studies 311 (Topic: Jews in America: The Yiddish Experience), 311 (Topic 6), 311 (Topic 9); Religious Studies 313 (Topic: Jews in America: The Yiddish Experience), 313 (Topic 1), 316K (Topic 2). same as AMS 315 (TOPIC 6), J S 311 (TOPIC 9), R S 316K (TOPIC 2).

• 37825	TTH	200 - 330P		GOTTESMAN, Y

GSD 330 GERMAN MEDIA: PRINT TO TV

Course number may be repeated for credit when the topics vary. In-depth explorations of topics and problems in film and media studies from the perspective of one or more of the nations of Northern Europe and/or in relation to Northern Europe's cultural nexuses. Only one of the following may be counted unless the topics vary: German, Scandinavian, and Dutch Studies 330, Germanic Civilization 361E, and Scandinavian 327. Prerequisite: Upper-division standing. meets with EUS 347.

• 37830	TTH	330 - 500P	MEZ 1.120	MANDEL, H

GSD 331C FILMS OF INGMAR BERGMAN

An introduction to the films of Ingmar Bergman. Only one of the following may be counted: Comparative Literature 323 (Topic: Films of Ingmar Bergman), 323 (Topic 11), English 322 (Topic 18), European Studies 347 (Topic: Films of Ingmar Bergman), 347 (Topic 13), German, Scandinavian, and Dutch Studies 331C, Scandinavian 327

10/11/2018

course | unique | days | time | room | instructor

(Topic 9). Prerequisite: Upper-division standing. same as C L 323 (TOPIC 11), EUS 347 (TOPIC 13).
• 37835 TTH 930 - 1100 BUR 337 WILKINSON, L

GSD 360 GERMANY AND IMMIGRATION
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 348.
• 37840 TTH 930 - 1100 GEA 114 LAUBENTHAL, B

SPORTS/POLITICS IN GERMANY
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 348.
• 37845 TTH 1100 - 1230P GEA 114 HOBERMAN, J

VIKING LANG: RUNES/SAGAS
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.
• 37850 MWF 200 - 300P BUR 337 STRAUBHAAR, S

3-HERETICS & FREEDOM FIGHTERS
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. Explores the theologies, politics, and personal identities that emerged and passed away in this era. 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. Only one of the following may be counted: Czech 324 (Topic: Heretics andFreedom Fighters, 1350-1650), 324 (Topic 4), European Studies 346 (Topic: Heretics and Freedom Fighters, 1350-1650), 346 (Topic 8), Germanic Civilization 327E (Topic: Heretics and Freedom Fighters, 1350-1650), German, Scandinavian, and Dutch Studies 360 (Topic 3), History 362G (Topic: Heretics and Freedom Fighters, 1350-1650), 362G (Topic 12), Religious Studies 357 (Topic: Heretics and Freedom Fighters,1350-1650), 357 (Topic 12), Russian, East European, and Eurasian Studies325 (Topic: Heretics and Freedom Fighters, 1350-1650), 325 (Topic 28). Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 8), HIS 362G (TOPIC 12), R S 357 (TOPIC 12).
• 37855 TTH 200 - 330P BUR 228 ROBERTS, J

GSD 361J PROTEST/REVOLT IN W GERMANY
Explores pivotal political and cultural movements in post-1945 West Germany, including the student movement, terrorism, feminism, the Green movement, and the anti-nuclear movement. Students engage with a wide array of primary and secondary sources ranging from literature and films to essays, newspaper articles, and speeches in order to examine the roots and results of protest, revolt, and revolution during this period of German history. Only one of the following may be counted: European Studies 346 (Topic: Protest, Revolt, and Revolution in Postwar Germany), 346 (Topic 20), German, Scandinavian, and Dutch Studies 360 (Topic: Protest, Revolt, and Revolution in Postwar Germany), 361J, Germanic Civilization 360E (Topic: Protest, Revolt, and Revolution in Postwar Germany). Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 20).
• 37860 TTH 200 - 330P GEA 114 FULK, K

GSD 361L ANTI-SEMITISM IN HIST & LIT
Only one of the following may be counted: European Studies 346 (Topic: Anti-Semitism in History and Literature), 346 (Topic 29), Comparative Literature 323 (Topic: Anti-Semitism in History and Literature), 323 (Topic 42), German, Scandinavian, and Dutch Studies 360 (Topic: Anti-Semitism in History and Literature), 361L, Jewish Studies 361 (Topic: Anti-Semitism in History and Literature), 364 (Topic 1). Prerequisite: Upper-division standing. same as C L 323 (TOPIC 42), EUS 346 (TOPIC 29), J S 364 (TOPIC 1).
• 37865 TTH 200 - 330P BUR 337 HOBERMAN, J

GSD 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 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.
• 37870

NOR 612 ACCELERATED SECOND-YEAR NOR
Prerequisite: Norwegian 604.
• 37925 MWF 1100 - 100P BUR 337 STRAUBHAAR, S

SWE 612 ACCELERATED SECOND-YR SWEDISH
Prerequisite: Swedish 604.
• 37980 MWF 900 - 1100 BUR 337 JOHANSSON, P

YID 612 ACCELERATED SECOND-YR YIDDISH
Prerequisite: Yiddish 604.
• 38035 MWF 100 - 300P BUR 232 GOTTESMAN, Y

DEPARTMENT OF GOVERNMENT

Government - GOV

GOV 310L AMERICAN GOVERNMENT
Offered on the letter-grade basis only. 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.
• 38090 TTH 800 - 930 MEZ B0.306

GOV 312L ISS & POLICIES AMER GOV-UT/DC fee: $1250.00
Hour(s) to be arranged. 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. Class meets March 28; April 11, 25; and May 9. Mandatory trip May 20-24 taught in Washington, DC.
• 38091 PATTERSON, J

GOV 310L AMERICAN GOVERNMENT
Designed to accommodate 100 or more students. Offered on the letter-grade basis only. 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.
• 38094 TTH 330 - 500P JES A121A PRINDLE, D

AMERICAN GOVERNMENT
Offered on the letter-grade basis only. 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 to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test your computer a nd internet connectivity.
• 38095 MW 230 - 400P MCDANIEL, E

AMERICAN GOVERNMENT
Offered on the letter-grade basis only. 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.
• 38096 MWF 1100 - 1200 UTC 3.102

AMERICAN GOVERNMENT
Designed to accommodate 100 or more students. Offered on the letter-grade basis only. 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.
• 38097 TTH 330 - 500P MEZ 1.306 MCIVER, J

AMERICAN GOVERNMENT
Offered on the letter-grade basis only. 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.
• 38098 TTH 1230 - 200P UTC 3.110

AMERICAN GOVERNMENT
Designed to accommodate 100 or more students. Offered on the letter-grade basis only. 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.
• 38099 MWF 200 - 300P BUR 106 O'BRIEN, S

GOV 312L ISS & POLICIES IN AMER GOV-HON
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. Restricted to students in the Plan I Honors Program.
• 38100 TTH 930 - 1100 BEN 1.122 ROBERTS, B

course	unique	days	time	room	instructor

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.

• 38105	TTH	800 - 930			
• 38110	MWF	1100 - 1200			
• 38115	MWF	1200 - 100P	RLP 0.102	STAUFFER, D	
• 38120	TTH	1230 - 200P	UTC 3.122	BROWNLEE, J	
• 38125	TTH	330 - 500P	BUR 212	MADRID, R	
• 38130	MWF	100 - 200P	JES A121A	WEYLAND, K	
• 38135	MW	230 - 400P	BUR 108	BARANY, Z	
• 38140	TTH	330 - 500P	RLP 0.102	ENELOW, J	

ISS & POLICIES IN AMER GOV-WB
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. 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.

• 38142	TTH	1230 - 200P		MOSER, R	

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.

• 38144	MWF	1000 - 1100	UTC 4.122		

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 312R may not both be counted.

• 38145	MWF	1000 - 1100	WAG 308	DEMPSEY, E	
• 38150	TTH	200 - 330P	RLM 7.124	ABRAMSON, J	
• 38155	TTH	330 - 500P	PAR 302	TULIS, J	

GOV 314 — DIASPORAS IN WORLD POLITICS
Course number may be repeated for credit when the topics vary. Introduction to varying topics in government and politics. Does not fulfill any part of the legislative requirement for government.

• 38160	TTH	200 - 330P	RLP 0.118	GROSSMAN, J	

3-MID EAST: ADJ/CHG MDRN TIME
Course number may be repeated for credit when the topics vary. Introduction to varying topics in government and politics. The responses of the societies of the Middle East and North Africa (Turkey, Iran, Afghanistan, Israel, and the Arab world) to Western cultural and political challenges, primarily since about 1800. Does not fulfill any part of the legislative requirement for government. Only one of the following may be counted: Government 314 (Topic 3), History 306N (Topic 5), Middle Eastern Studies 301L. same as HIS 306N (TOPIC 5), MES 301L.

• 38165	MWF	100 - 200P	RLP 0.102	DI-CAPUA, Y	

9-HUMAN RTS: THEORS/PRACS GOV
Course number may be repeated for credit when the topics vary. Introduction to varying topics in government and politics. Competing viewpoints on issues of human rights from multidisciplinary perspectives. Does not fulfill any part of the legislative requirement for government. Only one of the following may be counted: English 314J (Topic: Human Rights: Theories and Practices), Government 314 (Topic: Human Rights: Theories and Practices), 314 (Topic 9). meets with BDP 319.

• 38170	TTH	1100 - 1230P	PAR 304	BROWNLEE, J	

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.

• 38175	TTH	930 - 1100	WAG 112	BENNETT, Z	
• 38180	MWF	1000 - 1100	GAR 0.120	WENSVEEN, J	
• 38185	MWF	200 - 300P	GAR 0.132	DEMPSEY, E	
• 38190	TTH	330 - 500P	MEZ 1.210	GREGG, B	

GOV 320K — US CONST DEVEL: STRUCTURES
A survey of the origin and growth of the American constitutional system, with emphasis on political structures and processes. Primarily for prelaw students and government majors. Prerequisite: Six semester hours of lower-division coursework in government.

• 38195	MW	230 - 400P	RLP 1.104	SAGER, A	

GOV 324J — GOVS/POLIT OF EASTERN EUROPE
Only one of the following may be counted: European Studies 348 (Topic 1), Government 324J, Russian, East European, and Eurasian Studies 335 (Topic 2). Prerequisite: Six semester hours of lower-division coursework in government. same as EUS 348 (TOPIC 1), REE 335 (TOPIC 2).

• 38200	TTH	800 - 930	PAR 203	LIU, A	

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.

• 38205	TTH	930 - 1100	PAR 201	SOMER-TOPCU, Z	

GOV 327L — PUBLIC OPINION AND AMER POLIT
The nature of and major influences on public attitudes, the measurement of public opinion, and the role of public opinion in government. Prerequisite: Six semester hours of lower-division coursework in government.

• 38210	TTH	200 - 330P		SHAW, D	

GOV 335M — LIBERTY AND RELIGION
Course number may be repeated for credit when the topics vary. Intensive examination of selected issues in political thought. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. meets with CTI 335.

• 38215	MW	400 - 530P	MEZ 1.204	VIROLI, M	

12-NATURAL LAW THEORY
Course number may be repeated for credit when the topics vary. Intensive examination of selected issues in political thought. Study of the fundamental moral principles that are built into the designof human nature and lie at the roots of conscience. Only one of the following may be counted: Government 335M (Topic: Natural Law Theory), 335M (Topic 12), and Philosophy 342 (Topic: NaturalLaw Theory), Philosophy 342 (Topic 1). 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 PHL 342 (TOPIC 1).

• 38220	MW	100 - 230P	BEN 1.122	BUDZISZEWSKI, J	

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 not both be counted. Prerequisite: Six semester hours of lower-division coursework in government.

• 38225	TTH	1230 - 200P	WAG 214	ENELOW, J	

GOV 337M — 6-POLITICS OF MEXICO
Course number may be repeated for credit when the topics vary. In-depth analysis of the governmental process in Latin American countries, and topical treatment of political and administrative patterns across the region. Survey of twentieth century politics in Mexico with an emphasis on political and economic development. Only one of the following may be counted: Government 337M (Topic: Politics of Mexico), 337M (Topic 6), Latin American Studies 337M (Topic: Politics of Mexico), 337M (Topic 11). Prerequisite: Six semester hours of lower-division coursework in government. same as LAS 337M (TOPIC 11).

• 38230	TTH	930 - 1100	CAL 100	GREENE, K	

7-LAW & DEMOCRACY LATIN AMER
Course number may be repeated for credit when the topics vary. In-depth analysis of the governmental process in Latin American countries, and topical treatment of political and administrative patterns across the region. Explores many of the challenges to the rule of law across Latin America and how they affect the quality of democracy in the region. Only one of the following may be counted: Government 337M (Topic: Law and Democracy in Latin America), 337M (Topic 7), Latin American Studies 337M (Topic: Law and Democracy in Latin America), 337M (Topic 12). Prerequisite: Six semester hours of lower-division coursework in government. same as LAS 337M (TOPIC 12).

• 38235	TTH	1230 - 200P			

8-INTNATL POLITICS LATIN AMER
Course number may be repeated for credit when the topics vary. In-depth analysis of the governmental process in Latin American countries, and topical treatment of political and administrative patterns across the region. Analysis of Latin America's political and economic relations with respect to external actors since the late twentieth century. Only one of the following may be counted: Government 337M (Topic: International Politics of Latin America), 337M (Topic 8), Latin American Studies 337M (Topic: International Politics of Latin America), 337M (Topic 13). Prerequisite: Six semester hours of lower-division coursework in government. same as LAS 337M (TOPIC 13).

• 38240	MWF	1100 - 1200	MEZ B0.306	WEYLAND, K	

16-POLITICS OF DEV IN LAT AMER
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. In-depth analysis of the governmental process in Latin American countries, and topical treatment of political and administrative patterns across the region. Examines the struggle for development in Latin America during the last century. Only one of the following may be counted: Government 337M (Topic: Politics of Development in Latin America), 337M (Topic 2), 337M (Topic 16), Latin American Studies 337M (Topic: Politics of Development in Latin America), 337M (Topic 2), 337M (Topic 16). Prerequisite: Six semester hours of lower-division coursework in government. Additional prerequisite: Six semester hours of lower-division coursework in government. same as LAS 337M (TOPIC 16).

• 38245	TTH	1230 - 200P	JES A215A	MADRID, R	

course	unique	days	time	room	instructor

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.

• 38250	TTH	800 - 930	MEZ 2.118	PEDAHZUR, A

GOV 347K GOV AND POLITICS OF SOUTH ASIA

A survey of political developments, governmental organization, and economic and social problems in South Asia. Prerequisite: Six semester hours of lower-division coursework in government. same as ANS 347K.

• 38255	TTH	930 - 1100	JES A215A	LIU, X

GOV 351C CLASSICAL QUEST FOR JUSTICE

Introduces students to classical political thought through a study of seminal works of antiquity, focusing on those of Plato and Aristotle. Only one of the following may be counted: Core Texts and Ideas 320, 335 (Topic: Classical Quest for Justice), Government 335M (Topic: Classical Quest for Justice), 351C. Prerequisite: Completion of at least thirty semester hours of coursework. same as CTI 320.

• 38260	TTH	1100 - 1230P	UTC 3.112	STAUFFER, D

GOV 351G CRITICS OF MODERN LIBERALISM

Selected critics of the philosophy of the Enlightenment from both the Left and the Right, and from the time of Rousseau to the present. Only one of the following may be counted: Core Texts and Ideas 322, Government 335M (Topic: Liberalism and its Critics), 351G. Prerequisite: Upper-division standing. same as CTI 322.

• 38265	TTH	200 - 330P	UTC 3.122	STAUFFER, D

GOV 351L MORALITY AND POLITICS

Interdisciplinary readings from major works exploring issues of ethics and leadership. Only one of the following may be counted: Core Texts and Ideas 325, Government 335M (Topic: Morality and Politics), 351L. Prerequisite: Upper-division standing. same as CTI 325.

• 38270	MWF	100 - 200P	RLP 0.112	STAUFFER, D

GOV 353D DARWIN & POLITICS OF EVOLUTION

A careful reading of Darwin's influential Origin of the Species by Means of Natural Selection, together with an examination of the religious, political, and scientific controversies the book has inspired from its first publication to the present day. Only one of the following may be counted: Core Texts and Ideas 370 (Topic: The Politics of Evolution), 372, Government 335M (Topic: The Politics of Evolution), 353D. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. same as CTI 372.

• 38275	TTH	1230 - 200P	WAG 420	PRINDLE, D

GOV 355M 1-HUMAN BEHAV AS RATIONAL ACTN

Course number may be repeated for credit when the topics vary. Emphasis on varying topics in government and politics of contemporary interest and concern. Prerequisite: Six semester hours of lower-division coursework in government.

• 38280	TTH	200 - 330P	MEZ 1.216	LIN, T

2-APPLIED RSRCH: POLIT SCI

Course number may be repeated for credit when the topics vary. Emphasis on varying topics in government and politics of contemporary interest and concern. Introduction to the research process in the social sciences. The primary emphasis is on engaging in research projects, writing research proposals, analyzing data, and presenting research. Government 355M (Topic: Applied Research Methods in Political Science) and 355M (Topic 2) may not both be counted. Prerequisite: Six semester hours of lower-division coursework in government. Prerequisite: Upper-division standing.

• 38285	F	100 - 400P	RLP 1.102	FINDLEY, M

GOV 355P POLITICAL SOCIOLOGY

A survey of approaches to the study of the state as a social structure; political power and power systems; ideology; political parties and elites. Only one of the following may be counted: Government 355M (Topic: Political Sociology), 355P, Sociology 320K. Prerequisite: Upper-division standing. same as SOC 320K.

• 38290	TTH	500 - 630P	RLP 0.122	CHARRAD, M

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.

• 38295	TTH	930 - 1100		MCIVER, J

GOV 357M 3-SUPREME COURT AND PUBLIC POL

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.

• 38300	MW	100 - 200P	TNH 2.114	POWE, L
	F	100 - 200P	GAR 0.132	
• 38305	MW	100 - 200P	TNH 2.114	POWE, L
	F	100 - 200P	JES A305A	
• 38310	MW	100 - 200P	TNH 2.114	POWE, L
	F	100 - 200P	PAR 206	
• 38315	MW	100 - 200P	TNH 2.114	POWE, L
	F	100 - 200P	SZB 422	

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. meets with CTI 326.

• 38320	TTH	930 - 1100	UTC 4.112	PERRY, H

8-STRUCTURE OF INDIV LIBERTIES

Course number may be repeated for credit when the topics vary. Intensive study of various aspects of law and the legal system. Study of individual rights protected by the Constitution, with an emphasis on the United States Supreme Court. Prerequisite: Six semester hours of lower-division coursework in government. meets with CTI 326.

• 38325	TTH	930 - 1100	PAR 203	JACOBSOHN, G

GOV 360N DEFENSE POLICY-HONORS

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. meets with LAH 350 (TOPIC 1), P A 325 (TOPIC 2).

• 38330	W	200 - 500P	SRH 3.221	DORN, E

INTEL AND NATIONAL 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. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. meets with P A 325.

• 38335	TTH	930 - 1100	SRH 3.122	POPE, J

INTERNATL BUSN & POLITICS

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. meets with BGS 370.

• 38340	TTH	1230 - 200P	MEZ 2.124	JENSEN, N

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.

• 38345	TTH	200 - 330P	PAR 203	WANG, D

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.

• 38347	TTH	1100 - 1230P	BUR 136	KESSLER, A

17-TERRORISM/COUNTERTERRORISM

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. Examines the historical origins of terrorist violence, the primary causes of terrorist acts committed both by opposition and government forces, as well as counter terrorist measures taken by states and international organizations. Government 360N (Topic: Terrorism and Counterterrorism) and 360N (Topic 17) may not both be counted. Prerequisite: Upper-division standing and six semester hours of lower-division coursework in government.

• 38350	TTH	1100 - 1230P	MEZ B0.306	FINDLEY, M

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.

• 38355	TTH	500 - 630P	MEZ 1.208	JONES, B

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.

• 38360

GOVERNMENT RESEARCH INTERNSHIP

Designed to accommodate 35 or fewer students. 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.

• 38362	TTH	330 - 500P	RLP 1.108	THERIAULT, S

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.

• 38365				SWERDLOW, J

GOV 365L 5-ASIAN RGNLISM/MULTILAT COOP

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. Addresses the nature, functional principles, leadership, and policy-making process of contemporary Asian regionalism in comparison tothe experiences of European integration. Only one of the following may be counted: Asian Studies 361

course unique days time room instructor

(Topic: Asian Regionalism and Multilateral Cooperation), 361 (Topic 40), Government 365L (Topic: Asian Regionalism and Multilateral Cooperation), 365L (Topic 5). Prerequisite: 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 ANS 361 (TOPIC 40).
• 38370 TTH 1230 - 200P PAR 303 LIU, X

GOV 365N BRITISH POLITICS AND GOVT
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.
• 38375 TTH 500 - 630P RLP 0.112 LEAL, D

INSTITUTIONS & COMP POL-EC DEV
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.
• 38380 MW 1000 - 1130 JES A218A LU, X

20-EUROPE ENVIRONMNTL POLITICS
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. The history of environmental politics in both the member states of the European Union and the EU itself, including conceptual treatment of general environmental politics and policies, history of European environmentalism, and institutional responses at important 'traditional' and new EU member states. Also examines EU environmental policies themselves, such as the EU Emissions Trading System, chemicals policy, and GMO policy. Only one of the following may be counted: European Studies 348 (Topic: European Environmental Politics), 348 (Topic 3), Government 365N (Topic:European Environmental Politics), and 365N (Topic 20). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as EUS 348 (TOPIC 3).
• 38385 TTH 930 - 1100 PAR 206 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.
• 38387 TTH 1100 - 1230P RLP 1.106 BRINKS, D

24-HUMAN RIGHTS/WORLD POLITICS
Course number may be repeated for credit when the topics vary. Analysis of varying topics in the comparative study of political processes. Introduction to the political and policy dimensions of human rights. Only one of the following may be counted: Government 365N (Topic: Human Rights and World Politics), 365N (Topic 24), Women's and Gender Studies 340 (Topic: Human Rights and World Politics). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. meets with WGS 340.
• 38390 TTH 200 - 330P MEZ B0.306 EVANS, R

GOV 370K 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).
• 38395 TTH 930 - 1100 PAR 1 PHILPOT, T

GOV 370L AMER PUB POL IN RETROSPECT
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.
• 38400 TTH 1230 - 200P PRINDLE, D

PROBLEMS IN US POLITICS
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. Prerequisite: Six semester hours of lower-division coursework in government.
• 38405 TTH 330 - 500P PAR 304 GERRING, J

THE POLITICS OF TITLE IX
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.
• 38410 TTH 1100 - 1230P PAR 206 PHILPOT, T

7-THE UNITED STATES CONGRESS
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.
• 38415 TTH 330 - 500P THERIAULT, S

9-SOCIAL MOVEMENTS: THRY/PRAC
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.
• 38420 MWF 200 - 300P O'BRIEN, S

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.
• 38425 MW 1130 - 100P UTC 3.124 MCDANIEL, E

GOV 370P POLICY MAKING PROCESS
Hour(s) to be arranged. 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 enrollment; contact the department for permission to register for this class. Restricted to students in the UT in DC Archer Fellowship program. Taught in Washington, DC.
• 38430

GOV 374N POLITICAL INTERNSHIP-WB
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. Taught online with established deadlines. Online activities and exams may be scheduled; proctoring charges may apply. Go to http://www.laits.utexas.edu/tower/online/courses/ for additional information and to test you r computer and internet connectivity.
• 38435 HENSON, J

POLITICAL INTERNSHIP-WB
Hour(s) to be arranged. 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. 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.
• 38437

GOV 679HB HONORS TUTORIAL COURSE
Designed to accommodate 35 or fewer students. 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.
• 38440 W 300 - 600P RLP 0.108 MCIVER, J

GOV 379S CITIZENS IN DEMOCRATIC POL-HON
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.
• 38445 W 330 - 630P BAT 1.104 LUSKIN, R

COMPLEX EMERGEN HUMAN ACT
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.
• 38450 T 330 - 630P NEWBERG, P

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.
• 38455 M 330 - 630P BAT 1.104 TULIS, J

GOV 381J POL INSTITUTIONS AND PROCESSES
Local, state, and national political institutions and policy processes, and specific areas of public policy. Field core course. Prerequisite: Graduate standing and consent of the graduate adviser.
• 38460 M 1230 - 330P BAT 5.102 CRAIG, A

GOV 381L 10-AMERICAN POLITICAL DEVEL
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.
• 38465 T 930 - 1230P BAT 1.104 SPARROW, B

course	unique	days	time	room	instructor

GOV 381S POLITICAL SOPHISTICATION
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 38470 M 630 - 930P BAT 5.102 LUSKIN, R

GOV 382M AQUINAS: TREATISE ON LAW
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 PHL 387, LAW 397S.
• 38475 M 1000 - 100P JES A215A BUDZISZEWSKI, J

HOMER AND PLATO
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.
• 38480 MW 230 - 400P MEZ 1.118 PANGLE, L

THE MORAL/POL PHILOS OF KANT
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.
• 38485 TTH 200 - 330P CBA 4.342 PANGLE, T

GOV 384M PUBLIC POLICY PROCESS
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.
• 38490 T 930 - 1230P BAT 5.102 JONES, B

8-PUBLIC POLICY CLINIC
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.
• 38495 M 700 - 1000P BAT 1.104 LEAL, D

GOV 384N AMERICAN LEGAL PHILOSOPHY
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.
• 38500 W 400 - 700P PAR 305 JACOBSOHN, G

CORE READINGS IN PUBLIC LAW
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 379M.
• 38505 T 330 - 630P BAT 1.104 PERRY, H

GOV 385L EXPERIMENT METHODS IN POLI SCI
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.
• 38510 T 1230 - 330P BAT 5.102 ALBERTSON, B

PANEL/MULTILEVEL DATA ANLY
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.
• 38515 TTH 500 - 630P MEZ 1.210 LIN, T

GOV 385N INTRO TO FORMAL POL ANALYSIS
Critical, comparative survey of important formal theories of political processes, stressing general approaches rather than mathematical results. Presupposes no technical background. Field core course. Prerequisite: Graduate standing and consent of the graduate adviser.
• 38520 W 930 - 1230P BAT 1.104 WOLFORD, M

GOV 388L INTERNATIONAL ORGANIZATION
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.
• 38525 M 1230 - 330P BAT 1.104 CHAPMAN, T

RESEARCH IN INTL 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.
• 38530 M 930 - 1230P BAT 5.102 JENSEN, N

GOV 390L BRITISH HIST, LIT, & 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. meets with MES 385, HIS 384K, E 392M.
• 38535 F 430 - 730P HRC 3.204 LOUIS, W

COMPARATIVE POLITICAL BEHAVIOR
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.
• 38540 W 330 - 630P BAT 5.102 WLEZIEN, C

COMPARATIVE POLITICAL ECONOMY
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.
• 38545 M 1230 - 330P CAL 221 LU, X

ISLAM/NATION STATE/MID EAST
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 385, R S 390T.
• 38550 W 300 - 600P CAL 422 AGBARIA, A

POLITICAL PARTIES & PARTY SYS
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.
• 38555 T 1230 - 330P BAT 1.104 GREENE, K

22-ANLYTCL ISS IN LAT AMER POL
Course number may be repeated for credit when the topics vary. Designed to provide theoretical and analytical tools to engage in cross-national study and research of political processes in Latin America. Only one of the following may be counted: Government 390L (Topic: Analytcl Iss in Lat Amer Polit), 390L (Topic 22), Latin American Studies384L (Topic: Analytcl Iss in Lat Amer Polit) Prerequisite: Graduate standing, twenty-four semester hours of coursework in government or related fields, and consent of the graduate adviser. meets with LAS 384L.
• 38560 TH 1230 - 330P BAT 1.104 HUNTER, W

GOV 391K WRITING & PUBLISHING POLI SCI
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.
• 38565 W 1230 - 330P BAT 5.102 ELKINS, Z

GOV 391L STATISTICAL ANLY IN POL SCI II
Multivariate statistical techniques and their applications to problems in political science. Field core course. Prerequisite: Graduate standing, one course in statistics, and consent of the graduate adviser.
• 38570 MW 1000 - 1130 GAR 1.134 CRAIG, A

GOV 397K CONF CRS IN POLITICAL SCIENCE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 38575

GOV 697K CONF CRS IN POLITICAL SCIENCE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 38580

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 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.
• 38585

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.
• 38590

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.
• 38595

GOV 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 38600

GOV 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 38605

GOV 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 38610

course unique days time room instructor

GOV 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Government 399R, 699R, or 999R.
• 38615

GOV 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Government 399R, 699R, or 999R.
• 38620

GOV 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Government 399R, 699R, or 999R.
• 38625

DEPARTMENT OF HISTORY

History - HIS

HIS 301J GLOBALIZATION: A MODERN HIS
Survey of world history from the sixteenth century to the present. Only one of the following may be counted: History 301G , 301J, 306N (Topic: Modern World).
• 38680 MWF 200 - 300P RLP 0.102 MATYSIK, T

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.
• 38685 MWF 200 - 300P RLP 0.112 LI, H

HIS 304R JUDAISM, CHRISTIANITY, ISLAM
Examines the intertwined historical developments of the religions of Judaism, Christianity, and Islam, and explores the principal beliefs andpractices of Jews, Christians, and Muslims. same as ISL 311 (TOPIC 2), J S 311 (TOPIC 2), R S 304. also meets with CTI 304.
• 38690 TTH 1230 - 200P WAG 101 SMITH, G

HIS 306N LUTHER'S WORLD
Course number may be repeated for credit when the topics vary. meets with GSD 310, EUS 306, R S 315.
• 38695 TTH 1230 - 200P GEA 114 HESS, P

MEDIEVAL MATERIAL CULTURE
Course number may be repeated for credit when the topics vary. meets with AHC 310, R S 315.
• 38700 MW 400 - 530P PAR 203 KAUFMAN, C

5-MID EAST: ADJ/CHG MDRN TIME
Course number may be repeated for credit when the topics vary. The responses of the societies of the Middle East and North Africa (Turkey, Iran, Afghanistan, Israel, and the Arab world) to Western cultural and political challenges, primarily since about 1800. Only one of the following may be counted: Government 314 (Topic 3), History 306N (Topic 5), Middle Eastern Studies 301L. same as GOV 314 (TOPIC 3), MES 301L.
• 38705 MWF 100 - 200P RLP 0.102 DI-CAPUA, Y

11-JEWISH CIV: 1492 TO PRESENT
Course number may be repeated for credit when the topics vary. Subjects may include trends toward secularization, the emancipation of European Jewry, the emergence of American Jewry, the Holocaust, the establishment of the State of Israel, and the Arab-Israeli conflict. Only one of the following may be counted: European Studies 306 (Topic: Jewish Civilization: 1492 to the Present), 306 (Topic 4), History 306N (Topic 11), Jewish Studies 304N, 311 (Topic: Jewish Civilization: 1492 to the Present), Religious Studies 313 (Topic: Jewish Civilization: 1492to the Present), 313N. same as EUS 306 (TOPIC 4), J S 304N, R S 313N.
• 38710 TTH 930 - 1100 GAR 1.126 BODIAN, M

HIS 309L WESTERN CIV IN MODERN TIMES
Survey of European civilization since the fifteenth century. meets with CTI 310.
• 38715 TTH 200 - 330P JGB 2.218 VAUGHN, J

HIS 310 INTRODUCTION TO MODERN AFRICA
Introduction to modern Africa, with focus on colonial and postcolonial development in political organization, economics, sociolinguistics, and literature. same as AFR 310K. also meets with WGS 301.
• 38720 TTH 1230 - 200P UTC 3.134 FALOLA, O

HIS 310K LATIN AMER CIV: COLONIAL EXP
A broad survey of the political, economic, social, and cultural aspects of the Latin American past, stressing both that area's achievements and its enduring problems. Only one of the following may be counted: History 310K, 346K, Latin American Studies 310 (Topic 1), 366 (Topic 2: Latin America before 1810). same as LAS 310 (TOPIC 1).
• 38725 MW 830 - 1000 GAR 2.112 CANIZARES, J

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.
• 38730 TTH 930 - 1100 MEZ 1.306 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.
• 38735 TTH 930 - 1100 GAR 0.102 GUTTERMAN, L
• 38740 MWF 1000 - 1100 ART 1.102 GAUGHEN, B

HIS 315K THE UNITED STATES, 1492-1865
Survey of United States history from the colonial period through the Civil War.
• 38745 MWF 900 - 1000 WCH 1.120 OLWELL, R
• 38750 TTH 930 - 1100 JES A121A MINTZ, S
• 38755 MWF 1000 - 1100 WCH 1.120 OLWELL, R

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.
• 38760 MWF 1100 - 1200 WCH 1.120 SEAHOLM, M
• 38765 TTH 1230 - 200P JES A121A KAMIL, N
• 38770 MWF 100 - 200P WCH 1.120 SEAHOLM, M

HIS 315L THE UNITED STATES SINCE 1865
Survey of United States history since the Civil War.
• 38775 TTH 800 - 930 JES A121A MINTZ, S
• 38780 TTH 330 - 500P

THE UNITED STATES SINCE 1865
Designed to accommodate 100 or more students. Survey of United States history since the Civil War.
• 38785 MWF 1000 - 1100 UTC 2.112A BRANDS, H

THE UNITED STATES SINCE 1865
Designed to accommodate 100 or more students. Survey of United States history since the Civil War. 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.
• 38790 TTH 930 - 1100 SURI, J

HIS 317L IMMIGRATION AND ETHNICITY
Course number may be repeated for credit when the topics vary. meets with AAS 310, MAS 319.
• 38795 TTH 1230 - 200P GAR 2.112 HSU, M

UNITED STATES: HIS OF SCI
Course number may be repeated for credit when the topics vary.
• 38800 TTH 330 - 500P RLP 0.128 ALANIZ, R

URBAN ECON DEVELOPMENT-RSA
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 28-June 25. Taught in Beijing, China. Students must consult with Study Abroad Pr ogram Coordinator as travel and orientation dates may be in addition to these dates.
• 38805 MOORE, L

1-COLONIAL AMERICA
Course number may be repeated for credit when the topics vary.
• 38810 T 500 - 800P GAR 3.116 TULLY, W

8-INTRO TO NATIVE AM HISTORIES
Course number may be repeated for credit when the topics vary. meets with AMS 315.
• 38815 MWF 200 - 300P RLP 0.126 DIXON, B

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.
• 38820 MW 500 - 630P JGB 2.218 TULLY, W

16-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). same as AMS 315 (TOPIC 5), R S 316U (TOPIC 1).
• 38825 MWF 900 - 1000 RLP 0.126 GRABER, J

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.
• 38830 MWF 1100 - 1200 GAR 0.132 FRENS-STRING, J

course	unique	days	time	room	instructor

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.

• 38835	MW	900 - 1000	WAG 101	
	TH	900 - 1000	CAL 200	
• 38840	MW	900 - 1000	WAG 101	
	F	900 - 1000	PAR 210	
• 38845	MW	900 - 1000	WAG 101	
	TH	1000 - 1100	CAL 200	
• 38850	MW	900 - 1000	WAG 101	
	F	1000 - 1100	PAR 310	

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).

• 38855	TTH	1230 - 200P	MEZ B0.306	OZANNE, R

HIS 321 HISTORY OF ROME: THE EMPIRE

A survey of the Roman world from Augustus to Constantine the Great. Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic 2), Core Texts and Ideas 375 (Topic: History of Rome: The Empire), European Studies 346 (Topic: History of Rome: The Empire), History 321. Prerequisite: Upper-division standing. same as AHC 325 (TOPIC 2).

• 38860	MW	1000 - 1100	WAG 201	TAYLOR, R
	TH	900 - 1000	PAR 210	
• 38865	MW	1000 - 1100	WAG 201	TAYLOR, R
	F	900 - 1000	GAR 1.134	
• 38870	MW	1000 - 1100	WAG 201	TAYLOR, R
	TH	1000 - 1100	PAR 210	
• 38875	MW	1000 - 1100	WAG 201	TAYLOR, R
	F	1000 - 1100	GAR 1.134	

HIS 322M HISTORY OF MODERN SCIENCE

The history of science and its place in society from the time of Newton to the present. Prerequisite: Upper-division standing.

• 38880	MWF	1000 - 1100	GAR 0.102	HUNT, B

HIS 322R BIO, BEHAVIOR, AND INJUSTICE

Explores questions about human behavior related to biological factors ascompared with personal experiences and societal standards. Only one of the following may be counted: Core Texts and Ideas 370 (Topic: Biology, Behavior, and Injustice), 370 (Topic 2), History 322R, 366N (Topic: Biology, Behavior, and Injustice), 366N (Topic 16). Prerequisite: Upper-division standing. same as CTI 370 (TOPIC 2).

• 38885	TTH	200 - 330P	RLP 0.112	MARTINEZ, A

HIS 328M MODERN BRAZIL

The social, economic, political, and cultural forces that have shaped modern Brazil. Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 12).

• 38890	TTH	330 - 500P	MEZ B0.306	GARFIELD, S

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.

• 38895	MWF	1100 - 1200	PAI 4.18	RABY, M
	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.

• 38900	MWF	300 - 400P	PAI 4.08	RABY, M
	M	400 - 500P	PAI 4.08	

HIS 343W WITCHES, WORKERS, AND WIVES

Explores the role of families and concepts of gender as expressed in key economic, social, political, and cultural patterns in early modern Europe. Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 3), WGS 345 (TOPIC 29).

• 38905	TTH	930 - 1100	RLP 0.128	HARDWICK, J

HIS 346V 20TH-CEN RURAL LATIN AMER

Examines causes of some of the unresolved conflicts affecting Latin America today, including the social-agrarian relationships linking landlords and campesinos; the role of the state and the impact of official ideologies involving indigenous people; religion and the Catholic Church; the history of rural institutions; and the success or failure of land reforms. Only one of the following may be counted: History 346V, 363K (Topic: Twentieth-Century Rural Latin America), Latin American Studies 366 (Topic 19). Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 19).

• 38910	MW	230 - 400P	GAR 2.128	BUTLER, M

HIS 346W CHURCH & STATE IN LAT AMER

History of Church-state relations and religious politics in modern Latin America, with emphasis on the nineteenth to early twentieth-century periods. Only one of the following may be counted: History 346W, 363K (Topic: Church and State in Latin America), Latin American Studies 366 (Topic 21), Religious Studies 368 (Topic 1). Prerequisite: Upper-division standing. same as LAS 366 (TOPIC 21), R S 368 (TOPIC 1).

• 38915	MWF	900 - 1000	GAR 1.126	BUTLER, M

HIS 347L SEMINAR IN HISTORIOGRAPHY

Designed to familiarize students in the honors program with general problems of historiography, historical interpretation, and the philosophy of history. Restricted to students in the History Honors Program. Prerequisite: Consent of instructor.

• 38920	W	300 - 600P	GAR 3.116	SPELLBERG, D

HIS 350L CHILE: REVLUTN TO CNTERREVLUTN

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. meets with LAS 366.

• 38925	W	300 - 600P	GAR 1.134	FRENS-STRING, J

RACE, SCIENCE, AND RACISM

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.

• 38930	T	330 - 630P	GAR 0.132	MARTINEZ, A

REVOLUTIONARY RUSSIA

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. meets with REE 335.

• 38935	T	330 - 630P	MEZ 1.102	WYNN, C

56-GERMANY SINCE HITLER

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. meets with J S 364.

• 38940	MW	400 - 530P	GAR 2.128	CREW, D

59-STALIN'S RUSSIA AT WAR

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: History 350L (Topic 59), 362G (Topic: Stalin's Russia at War), 366N (Topic: Stalin's Russia at War). Prerequisite: Upper-division standing. Restricted to students in the Normandy Scholar Program.

• 38945	WF	200 - 330P	RLP 2.606	WYNN, C

65-THE CHINESE IN DIASPORA

Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. Explores narratives of migration, race, ethnicity, and a wide range of experiences of acculturation and assimilation from the perspective of a sending society--China--which has one of the longest and most diverse histories of sending people overseas. Over the last millennia, Chinese have migrated around the world and made homes under a great range of adversity and opportunity, producing many stories of human differences and commonalities. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: Asian American Studies 325 (Topic: Chinese in Diaspora), 325 (Topic 2: The Chinese in Diaspora), Asian Studies 361 (Topic: Chinese in Diaspora), 361, 461 (Topic 28), History 350L (Topic: The Chinese in Diaspora), 350L (Topic 65: The Chinese Diaspora). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as AAS 325 (TOPIC 2), ANS 361 (TOPIC 28).

• 38950	TTH	930 - 1100	GAR 3.116	HSU, M

68-AFRO-LATIN AMERICA

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 historical experiences of people of African descent in Latin America and the Caribbean beginning in the slavery era, and focuses on the histories of Afro-Latin Americans after emancipation. 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 372G (Topic: Afro-Latin America), 372G (Topic 10), 374E (Topic: Afro-Latin America), History 350L (Topic: Afro-Latin America), 350L (Topic 68), Latin American Studies 366 (Topic: Afro-Latin America), 366 (Topic 31). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as AFR 372G (TOPIC 10), LAS 366 (TOPIC 31).

• 38955	TTH	330 - 500P	PAR 206	JIMENEZ, M

69-DECOLONIZATN OF BRIT EMPIRE

Course number may be repeated for credit when the topics vary. Lectures, discussion, reading, and research on selected topics in the field of history. Explores the era of decolonization of the British empire after World War II. History 350L and 350R may not both be counted unless the topics vary. Only one of the following may be counted: History 350L (Topic: Decolonization of British Empire), 350L (Topic 69), Liberal Arts Honors 350 (Topic: Decolonization of British Empire), 350 (Topic 8). Prerequisite: Upper-division standing. meets with LAH 350 (TOPIC 8).

• 38960	TH	330 - 630P	HRC 3.204	LOUIS, W

Draft 11/2018

81-ENLIGHTENMENT/REVOLUTION

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. 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).

• 38962 TH 500 - 800P CAL 200 VAUGHN, J

84-AFRICAN TRAVEL NARRATIVES

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 histories of Africa and travel through eyewitness accounts. Studies journeys Africans have made within and from the continent alongside accounts of travelers visiting Africa from elsewhere. 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 372G (Topic: African Travel Narratives), 372G (Topic 9), History 350L (Topic: African Travel Narratives), 350L (Topic 84). Prerequisite: Upper-division standing. same as AFR 372G (TOPIC 9).

• 38965 M 300 - 600P GAR 3.116 OSSEO-ASARE, A

89-POLAND/THE SEC WORLD WAR

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 occupation of Poland by Germany and the Soviet Union and the ways in which this dual occupation impacted people and their communities. History 350L and 350R may not both be counted unless the topics vary. History 350L (Topic: Poland and the Second World War) and 350L (Topic 89) may not both be counted. Prerequisite: Upper-division standing. Restricted to students in the Normandy Scholars Program.

• 38970 TTH 1230 - 200P RLP 2.606 LICHTENSTEIN, T

HIS 350R BLACK WOMEN ON TRIAL

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 AFR 374D, WGS 340.

• 38975 MW 1000 - 1130 RLP 0.108 FARMER, A

WOMEN, GENDER AND BLACK POWER

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 AFR 374D, WGS 340.

• 38980 MW 100 - 230P PAR 208 FARMER, A

8-WOMEN IN POSTWAR 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. 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 30), History 350R (Topic 8), Women's and Gender Studies 345 (Topic 37). Prerequisite: Upper-division standing and six semester hours of coursework in history. same as AMS 370 (TOPIC 30), WGS 345 (TOPIC 37).

• 38985 TTH 200 - 330P GAR 2.128 GREEN, L

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).

• 38990 TH 330 - 630P GAR 1.134 SEAHOLM, M

28-DEBATING AMER REVOLUTION

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. Examination of the precipitant events and ideas leading up to the American Declaration of Independence through discussions, lectures, and an extended exercise in historical role playing. History 350L and 350R may not both be counted unless the topics vary. History 350R (Topic: Debating the American Revolution) and 350R (Topic 28) may not both be counted. Prerequisite: Upper-division standing and six semester hours of coursework in history.

• 38995 W 300 - 600P GAR 2.112 OLWELL, R

HIS 351D ALEXANDER/HELLENISTIC WORLD

History of Asia, Egypt, and the Mediterranean world from Alexander's expedition to Asia to Rome's defeat of the last of the Hellenistic monarchs at Actium (ca. 334 to 31 BC). Only one of the following may be counted: Ancient History and Classical Civilization 325 (Topic 5), 325 (Topic 6), Classical Civilizations 351D,354D, History 351D, 354D. Prerequisite: Upper-division standing. same as AHC 325 (TOPIC 6).

• 39000 MW 1200 - 100P MEZ 1.120 PERLMAN, P
F 1000 - 1100 RLP 0.124
• 39005 MW 1200 - 100P MEZ 1.120 PERLMAN, P
F 1100 - 1200 RLP 0.124
• 39010 MW 1200 - 100P MEZ 1.120 PERLMAN, P
TH 1200 - 100P GAR 0.120

HIS 353 FRENCH REVOLUTION/NAPOLEON

Analysis of the social, political, and economic origins and outcomes of the French Revolution and Napoleon's empire. Only one of the following may be counted: European Studies 346 (Topic: The French Revolution and Napoleon), 346 (Topic 25), History 353. Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 25). also meets with CTI 375.

• 39015 TTH 330 - 500P JGB 2.218 COFFIN, J

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.

• 39020 TTH 1230 - 200P BUR 130 SMITH, 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.

• 39025 MW 400 - 530P BUR 220 GAUGHEN, B

HIS 356P US IN THE CIVIL RIGHTS ERA

Examines United States history in the post-World War II era, including how civil rights and other racial issues helped shape the politics, popular culture, and social life of this period. Only one of the following may be counted: African and African Diaspora Studies 374D (Topic: The United States in the Civil Rights Era), 374D (Topic 17), American Studies 321 (Topic: The United States in the Civil Rights Era), 321 (Topic 9), History 356P, Mexican American Studies 374 (Topic: The United States in the Civil Rights Era), 374 (Topic 36). Prerequisite: Upper-division standing. same as AFR 374D (TOPIC 17), AMS 321 (TOPIC 9).

• 39030 TTH 1100 - 1230P UTC 3.124 GREEN, L

HIS 356S AMER PRES 1789 TO PRESENT

Examines the presidency and the individuals who have held it, with an eye toward discovering trends of historical and contemporary interest. Only one of the following may be counted: History 350R (Topic: The History of the American Presidency), 350R (Topic 34: The History of the American Presidency), 356S, 365G (Topic 9: The History of the American Presidency). Prerequisite: Upper-division standing.

• 39035 MW 100 - 230P UTC 3.124 BRANDS, H

HIS 357D AFRICAN AMER HIST SINCE 1860

Survey of the history of African Americans in the United States from 1860 to the present: Emancipation, Reconstruction politics, migration and urbanization, and the evolution of African American culture; kinds of sources and methods valuable for analyzing African American life and culture. Only one of the following may be counted: African and African Diaspora Studies 357D, American Studies 321 (Topic: African American History since 1860), 321F, History 357D, Urban Studies 353 (Topic 1). Prerequisite: Upper-division standing. same as AFR 357D, AMS 321F, URB 353 (TOPIC 1).

• 39040 TTH 1100 - 1230P WALKER, J

HIS 358Q SUPERVISED RESEARCH

Hour(s) to be arranged. Prerequisite: Upper-division standing.

• 39044

HIS 359R HISTORY OF WEST AFRICA

A history of the West Africa region: the rise and fall of kingdoms, relations with Europe and Asia, the great revolutions of the nineteenth century, colonial administration, decolonization, and the search for economic development and political stability since independence. Prerequisite: Upper-division standing. same as AFR 345C.

• 39045 TTH 1100 - 1230P UTC 3.134 FALOLA, O

HIS 362G CAPITALISM/MAKING MOD WORLD

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing.

• 39050 TH 500 - 800P VAUGHN, J

DARWIN ON ORIGIN OF SPECIES

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with CTI 370.

• 39052 TTH 1100 - 1230P MEZ 1.210 ALANIZ, R

THREE FRENCH WARS: 20TH CEN

Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Restricted to students in the Normandy Scholars Program.

• 39055 TTH 1100 - 1230P RLP 2.606 COFFIN, J

2-VIENNA: MEMORY/THE CITY-AUT

Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Examines the ways in which cultural memory has shaped, and continues to shape, urban life in Vienna, Austria. Only one of the following may be counted: American Studies 315 (Topic: Vienna: Memory and the City), 370 (Topic 41), European Studies 306 (Topic: Vienna: Memory and the City), 346 (Topic 5), Geography 309 (Topic: Vienna: Memory and the City), Germanic Civilization 311 (Topic: Vienna:

Memory and the City), History 306N (Topic: Vienna: Memory and the City), 362G (Topic 2), Urban Studies 305 (Topic: Vienna: Memory and the City), 354 (Topic 7). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 10. Taught in Vienna, Austria. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates. same as AMS 370 (TOPIC 41), EUS 346 (TOPIC 5), URB 354 (TOPIC 7). also meets with GRG 356T.
• 39060 HOELSCHER, S

12-HERETICS & FREEDOM FIGHTERS
Course number may be repeated for credit when the topics vary. Explores the theologies, politics, and personal identities that emerged and passed away in this era. Only one of the following may be counted: Czech 324 (Topic: Heretics andFreedom Fighters, 1350-1650), 324 (Topic 4), European Studies 346 (Topic: Heretics and Freedom Fighters, 1350-1650), 346 (Topic 8), Germanic Civilization 327E (Topic: Heretics and Freedom Fighters, 1350-1650), German, Scandinavian, and Dutch Studies 360 (Topic 3), History 362G (Topic: Heretics and Freedom Fighters, 1350-1650), 362G (Topic 12), Religious Studies 357 (Topic: Heretics and Freedom Fighters,1350-1650), 357 (Topic 12), Russian, East European, and Eurasian Studies325 (Topic: Heretics and Freedom Fighters, 1350-1650), 325 (Topic 28). Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 8), GSD 360 (TOPIC 3), R S 357 (TOPIC 12).
• 39065 TTH 200 - 330P BUR 228 ROBERTS, J

13-THE WORLD OF THE VICTORIANS
Course number may be repeated for credit when the topics vary. Introduction to the main contours of social and cultural British history, both in Britain and in its burgeoning empire. History 362G (Topic: The World of the Victorians) and 362G (Topic 13) may not both be counted. Prerequisite: Upper-division standing.
• 39070 MWF 900 - 1000 MEZ B0.306 LEVINE, P

HIS 363K CUBA IN QUESTION-CUB
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad Office for permission to register for this class. Class meets May 26-July 10. Taught in Havana, Cuba. Students must consult with Study Abro ad Program Coordinator as travel and orientation dates may be in addition to these dates. meets with SPC 320C, LAS 328, AFR 372G.
• 39075 ARROYO MARTINEZ, J

POLITICS OF FOOD IN LATIN AMER
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with LAS 366.
• 39080 MWF 1000 - 1100 SRH 1.320 ZAZUETA, M

4-MAPPING LATIN AMERICA
Course number may be repeated for credit when the topics vary. Discuss the role of maps in the creation of Latin America as a specific sort of place. As such, allows familiarity with a broad overview of Latin American history from Pre-Columbian civilizations to the modern period. Only one of the following may be counted: Geography 356T (Topic: MappingLatin America), 356T (Topic 12), History 363K (Topic: Mapping Latin America), 363K (Topic 4), Latin American Studies 330 (Topic: Mapping Latin America), 330 (Topic 4). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as GRG 356T (TOPIC 12), LAS 330 (TOPIC 4).
• 39085 TTH 930 - 1100 SRH 1.115 DEL CASTILLO, L

HIS 364G MANDELA: THE MAN & HIS POLITIC
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with AFR 374C.
• 39090 TTH 330 - 500P RLP 0.104 CHERY, T

MID EAST HIST IN 100 OBJECTS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. meets with MES 343, ISL 373, ARH 363.
• 39095 TTH 200 - 330P ART 1.110 MULDER, S

PRECOLONIAL INDIA, 1200-1750
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing.
• 39100 TTH 1230 - 200P GAR 1.126 TALBOT, C

3-THE DEAD SEA SCROLLS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Ancient History and Classical Civilization 330 (Topic: The Dead Sea Scrolls), 330 (Topic 1), History 364G (Topic 3), Jewish Studies 364 (Topic 4), Middle Eastern Languages and Cultures 321 (Topic 17), 342 (Topic 23), Religious Studies 353D. Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as AHC 330 (TOPIC 1), J S 364 (TOPIC 4), MEL 321 (TOPIC 17), MES 342 (TOPIC 23), R S 353D. also meets with CTI 375.
• 39105 MWF 100 - 200P RLP 1.106 KAPLAN, J

13-GENDER AND MODERN INDIA
Course number may be repeated for credit when the topics vary. Examines gender and the shifting nature of modernity between precolonialand colonial periods in the Indian subcontinent. Only one of the following may be counted: Asian Studies 361 (Topic: Gender and Modern India), 361 (Topic 44), History 364G (Topic: Gender and Modern India), 364G (Topic 13). Prerequisite: Upper-division standing. same as ANS 361 (TOPIC 44). also meets with WGS 340.
• 39110 MW 400 - 530P GAR 1.126 CHATTERJEE, I

HIS 365G US/BRITAIN/GLOBAL ORDER-GBR
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 title: The United States, Britain, and the Global Order. Restricted to students in the Maymester Abroad Program. Class meets May 26-July 12. Taught in London, England. Students must consult with department as t ravel and orientation dates may be in addition to these dates.
• 39115 LAWRENCE, M

4-VIETNAM WARS
Course number may be repeated for credit when the topics vary. Introduction to the complex and controversial history of the wars foughtin Vietnam from 1941 to the 1980s. Only one of the following may be counted: American Studies 321 (Topic: Vietnam Wars), 321 (Topic 11), Asian Studies 372 (Topic: Vietnam Wars), History 365G (Topic: Vietnam Wars), 365G (Topic 4). Prerequisite: Upper-division standing. same as AMS 321 (TOPIC 11).
• 39120 TTH 200 - 330P JGB 2.216 LAWRENCE, M

12-HIST OF US-MEX BORDERLAND
Course number may be repeated for credit when the topics vary. Introduction to the history of the United States and Mexico border region. Only one of the following may be counted: History 365G (Topic: History of the United States-Mexico Borderland), 365G (Topic 12), Mexican American Studies 364, 374 (Topic: History of the United States-Mexico Borderland). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as MAS 364.
• 39125 MWF 1200 - 100P WAG 201 ALVAREZ, C

13-RACE, LAW, AND US SOCIETY
Course number may be repeated for credit when the topics vary. Examines the intersection of racial ideology and legal culture in the United States. Only one of the following may be counted: African and African Diaspora Studies 360, 372F (Topic: Race, Law, and US Society), American Studies 370 (Topic: Race, Law, and US Society), 370 (Topic 5), History 365G (Topic: Race, Law, and US Society), 365G (Topic 13). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as AFR 360, AMS 370 (TOPIC 5).
• 39130 TTH 330 - 500P BUR 224 THOMPSON, S

HIS 366N VIOLENCE AND VISUAL CULTURE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing.
• 39134 TH 930 - 1230P GAR 2.124 BROWER, B

HIS 375L STUART ENGLAND, 1603-1689
Topical lecture course focusing on the most significant political, religious, social, economic, and cultural developments in seventeenth-century England. Prerequisite: Upper-division standing. meets with EUS 346.
• 39135 MWF 100 - 200P JGB 2.202 KRAMER, W

HIS 376F THE US AND SECOND WORLD WAR
Restricted to students in the Normandy Scholars Program.
• 39140 WF 1000 - 1130 BUR 214 STOFF, M

HIS 376G HITLER/NAZISM/WORLD WAR II-HON
Offered on the letter-grade basis only. Restricted to students in the Normandy Scholars Program. meets with LAH 350.
• 39145 TTH 330 - 500P GAR 2.128 CREW, D

HIS 378W CAPSTONE IN HISTORY
Pursue in-depth the research interests and skills developed in other history classes. Prerequisite: History 318W and twelve semester hours of coursework in history.
• 39150 TTH 930 - 1100 GAR 0.132 TALBOT, C

HIS 679HB 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.
• 39155

HIS 381 DRUGS IN WORLD HISTORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAS 386, AFR 380P.
• 39160 M 900 - 1200 GAR 1.122 OSSEO-ASARE, A

IDENTITIES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with AFR 381.
• 39165 TH 330 - 630P GAR 1.122 FALOLA, O

INTERNATL HISTORY SINCE 1898
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.
• 39170 W 900 - 1200 GAR 1.122 SURI, J

PUBLIC AND DIGITAL HISTORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39175 T 930 - 1230P RLP 1.102 NEUBERGER, J

course unique days time room instructor

HIS 382N GENDER AND DECOLONIAL HISTORIE
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; some topics also require consent of instructor. meets with ANS 391.
• 39180 T 400 - 700P GAR 1.122 CHATTERJEE, I

HIS 383M NEW APPROACHES: ATLNTC WRLDS
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. meets with R S 392T, LAS 386, AFR 381.
• 39185 M 1200 - 300P GAR 1.122 CANIZARES, J

HIS 384K BRITISH HIST, LIT, & POLITICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with MES 385, GOV 390L, E 392M.
• 39190 F 430 - 730P HRC 3.204 LOUIS, W

HIS 385P CRIT PRSP ON CULTRL DATA ANLYS
Course number may be repeated for credit when the topics vary. May be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with INF 385T.
• 39195 M 300 - 600P UTA 1.210A CLEMENT, T

HIS 386K POSTCOLONIAL BRAZIL
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.
• 39200 TH 930 - 1230P GAR 1.122 GARFIELD, S

HIS 386L REVOLUTION AND RELIGION
Designed to accommodate 35 or fewer students. 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, R S 392T.
• 39205 W 900 - 1200 SRH 1.313 BURNETT, V

LATIN AMERICA AND THE WORLD
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.
• 39210 T 1230 - 330P SRH 1.320 DEL CASTILLO, L

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.
• 39215 M 300 - 600P GAR 1.122 TWINAM, A

HIS 388K GLOBAL IRAN
Course number may be repeated for credit when the topics vary. Development of Middle Eastern history since the beginning of modern times. Prerequisite: Graduate standing; some topics also require consent of instructor. meets with MES 385.
• 39217 TH 330 - 630P CAL 422 KOYAGI, M

IDEAS OF THE EAST: GLOBAL HIST
Course number may be repeated for credit when the topics vary. Development of Middle Eastern history since the beginning of modern times. Prerequisite: Graduate standing; some topics also require consent of instructor. meets with ANS 391, MES 385.
• 39219 T 330 - 630P CAL 422 KOYAGI, M

2-INTEL HIST INDO-IRAN ISLAM
Course number may be repeated for credit when the topics vary. Development of Middle Eastern history since the beginning of modern times. Prerequisite: Graduate standing; some topics also require consent of instructor. same as ANS 390 (TOPIC 6), MES 381 (TOPIC 37). also meets with R S 394T.
• 39220 T 200 - 500P CAL 419 MOIN, A

HIS 389 RESEARCH IN INTERNATIONAL HIST
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39225 T 930 - 1230P GAR 2.124 LAWRENCE, M

RESEARCH SEMINAR IN US HISTORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39230 T 200 - 500P SRH 2.106 JONES, J

20TH-CEN US SOCIAL MOVEMENTS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of the graduate adviser. meets with AMS 390.
• 39235 TH 200 - 500P BUR 436B DAVIS, J

HIS 391C CONFERENCE COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 39240

course unique days time room instructor

HIS 392 RACE, IMMIGRATION/CITIZENSHIP
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; some topics also require consent of instructor. meets with P A 388K.
• 39244 T 900 - 1200 SRH 3.360 DORN, E

READINGS IN WAR AND VIOLENCE I
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.
• 39245 T 330 - 630P GAR 2.124 O'CONNELL, A

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.
• 39250

HIS 397K 1-LIT OF US HIST BEFORE 1865
Course number may be repeated for credit when the topics vary. Survey of historical writing and historiography from colonial times to the present. Survey of historical writing and historiography to 1865. Designed to introduce students to the field of early American history. Required of all entering graduate students in United States history. Prerequisite: Graduate standing and consent of the graduate adviser; additional prerequisites vary with the topic.
• 39255 W 300 - 600P GAR 1.122 KAMIL, N

HIS 397L SAINTS' LIVES AS HIST SOURCES
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 R S 390T, MDV 392M, WGS 393.
• 39260 T 930 - 1230P GAR 1.122 FRAZIER, A

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.
• 39265

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.
• 39270

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.
• 39275

HIS 398T SUPERVISED TEACHING IN HISTORY
Offered on the credit/no credit basis only. Weekly group meetings with the instructor, individual consultations, and reports. Prerequisite: Graduate standing and consent of the graduate adviser.
• 39280 M 200 - 500P GAR 2.124 HUNT, B

HIS 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39285

HIS 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39290

HIS 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39295

HIS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: History 399R, 699R, or 999R.
• 39300

HIS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: History 399R, 699R, or 999R.
• 39305

HIS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: History 399R, 699R, or 999R.
• 39310

SCHUSTERMAN CENTER FOR JEWISH STUDIES

Jewish Studies - J S

J S 304N JEWISH CIV: 1492 TO PRESENT
Subjects may include trends toward secularization, the emancipation of European Jewry, the emergence of American Jewry, the Holocaust, the establishment of the State of Israel, and the Arab-Israeli conflict. Only one of the following may be counted: European Studies 306 (Topic: Jewish Civilization: 1492 to the Present), 306 (Topic 4),

History 306N (Topic 11), Jewish Studies 304N, 311 (Topic: Jewish Civilization: 1492 to the Present), Religious Studies 313 (Topic: Jewish Civilization: 1492to the Present), 313N. same as EUS 306 (TOPIC 4), HIS 306N (TOPIC 11), R S 313N.
• 39365 TTH 930 - 1100 GAR 1.126 BODIAN, M

J S 311 INTRO TO JEWISH LATIN AMERICA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with LAS 315, ANT 310L, R S 313.
• 39370 TTH 1100 - 1230P GDC 2.410 WEINREB, A

2-JUDAISM, CHRISTIANITY, ISLAM
Course number may be repeated for credit when the topics vary. Examines the intertwined historical developments of the religions of Judaism, Christianity, and Islam, and explores the principal beliefs andpractices of Jews, Christians, and Muslims. Prerequisite: Varies with the topic. same as HIS 304R, ISL 311 (TOPIC 2), R S 304. also meets with CTI 304.
• 39375 TTH 1230 - 200P WAG 101 SMITH, G

3-THE RISE OF CHRISTIANITY
Designed to accommodate 100 or more students. Course number may be repeated for credit when the topics vary. Introduction to the origins and development of Christianity. Prerequisite: Varies with the topic. meets with CTI 310, C C 318, R S 318.
• 39380 MWF 1100 - 1200 BUR 212 WHITE, L

9-AMER JEWS: THE YIDDISH EXP
Course number may be repeated for credit when the topics vary. Focuses on over a century of Yiddish-based contributions to American literature, music, and film, including works by Isaac Bashevis Singer, Michael Chabon, Woody Allen, and the Marx Brothers. Only one of the following may be counted: American Studies 315 (Topic: Jews in America: The Yiddish Experience), 315 (Topic 4), 315 (Topic 6); German, Scandinavian, and Dutch Studies 310 (Topic: Jews in America: The Yiddish Experience), 310 (Topic 1); Jewish Studies 311 (Topic: Jews in America: The Yiddish Experience), 311 (Topic 6), 311 (Topic 9); Religious Studies 313 (Topic: Jews in America: The Yiddish Experience), 313 (Topic 1), 316K (Topic 2). Prerequisite: Varies with the topic. same as AMS 315 (TOPIC 6), GSD 310 (TOPIC 1), R S 316K (TOPIC 2).
• 39385 TTH 200 - 330P GOTTESMAN, Y

J S 362 INDEP RSCH IN JEWISH STUDIES
Hour(s) to be arranged. May be repeated for credit. Tutorially directed research in Jewish studies. Prerequisite: Upper-division standing and consent of instructor.
• 39390

J S 363 PERSUASION BIBLE TIME/PLACE
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 RHE 330E, MES 342.
• 39395 MW 400 - 530P PAR 103 CHARNEY, D

J S 364 GERMANY SINCE HITLER
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with HIS 350L (TOPIC 56).
• 39400 MW 400 - 530P GAR 2.128 CREW, D

1-ANTI-SEMITISM IN HIST & LIT
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: European Studies 346 (Topic: Anti-Semitism in History and Literature), 346 (Topic 29), Comparative Literature 323 (Topic: Anti-Semitism in History and Literature), 323 (Topic 42), German, Scandinavian, and Dutch Studies 360 (Topic: Anti-Semitism in History and Literature), 361L, Jewish Studies 361 (Topic: Anti-Semitism in History and Literature), 364 (Topic 1). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 42), EUS 346 (TOPIC 29), GSD 361L.
• 39405 TTH 200 - 330P BUR 337 HOBERMAN, J

4-THE DEAD SEA SCROLLS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Ancient History and Classical Civilization 330 (Topic: The Dead Sea Scrolls), 330 (Topic 1), History 364G (Topic 3), Jewish Studies 364 (Topic 4), Middle Eastern Languages and Cultures 321 (Topic 17), 342 (Topic 23), Religious Studies 353D. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AHC 330 (TOPIC 1), HIS 364G (TOPIC 3), MEL 321 (TOPIC 17), MES 342 (TOPIC 23), R S 353D. also meets with CTI 375.
• 39410 MWF 100 - 200P RLP 1.106 KAPLAN, J

J S 365 MULTICULTURAL ISRAEL
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ANT 325L, MES 341.
• 39415 TTH 1230 - 200P GDC 2.410 WEINREB, A

TERESA LOZANO LONG INSTITUTE OF LATIN AMERICAN STUDIES

Indigenous Languages of Latin America - LAL
Latin American Studies - LAS

LAL 385K INTENSIVE K'ICHE' II
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Intensive cultural and literacy-focused training in an indigenous language at the beginning level in preparation for research. Prerequisite: Graduate standing and consent of graduate adviser.
• 39470 MWF 1100 - 1200 SRH 1.319 TAHAY GOMEZ, M

LAS 310 1-LATIN AMER CIV: COLONIAL EXP
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. A broad survey of the political, economic, social, and cultural aspects of the Latin American past, stressing both that area's achievements and its enduring problems. Only one of the following may be counted: History 310K, 346K, Latin American Studies 310 (Topic 1), 366 (Topic 2: Latin America before 1810). same as HIS 310K.
• 39525 MW 830 - 1000 GAR 2.112 CANIZARES, J

LAS 315 AZTECS AND SPANIARDS
Course number may be repeated for credit when the topics vary. Latin American Studies 310 and 315 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with ANT 310L (TOPIC 9).
• 39530 MWF 1000 - 1100 SAC 4.174 RODRIGUEZ, E

INTRO TO JEWISH LATIN AMERICA
Course number may be repeated for credit when the topics vary. Latin American Studies 310 and 315 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. meets with J S 311, ANT 310L, R S 313.
• 39535 TTH 1100 - 1230P GDC 2.410 WEINREB, A

LAS 319 GEOGRAPHY OF LATIN AMERICA
Adaptations to population growth and spatial integration in cultural landscapes of great natural and ethnic diversity; problems of frontiers and cities. same as GRG 319.
• 39540 TTH 200 - 330P RLP 0.128 KNAPP, G

LAS 322 BLACK FREEDOM MOVEMENT
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 AFR 372C, AMS 321.
• 39545 TTH 200 - 330P MEZ 1.120 MAKALANI, M

LATIN AMERICAN TELEVISION
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 RTF 359S (TOPIC 13), MAS 374.
• 39550 MWF 1100 - 1200 BMC 4.204 STRAUBHAAR, J
W 730 - 1000P CMA 3.120

LATINO MIGRATIONS AND ASYLUM
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 MAS 374.
• 39555 TTH 1230 - 200P PHR 2.116 VASQUEZ, A

17-SPANISH HLTH CARE PROFESSNS
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. 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. 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. Only one of the following may be counted: Latin American Studies 322 (Topic 17), Spanish 367K (Topic 7), 367P (Topic 1). Prerequisite: Varies with the topic. Additional prerequisite: Spanish 327C (or 327G), 328C, and 330L. same as SPN 367P (TOPIC 1).
• 39560 MWF 200 - 300P BEN 1.126 POTTER, R

18-BUSINESS IN HISPAN LIFE/CUL
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. Only one of the following may be counted: Latin American Studies 322 (Topic 18), 370S (Topic 19), Spanish 350 (Topic 10), Spanish 367P (Topic 2). Prerequisite: Varies with the topic. Prerequisite: Spanish 327C (or 327G) and 328C. same as SPN 367P (TOPIC 2).
• 39565 TTH 1230 - 200P JES A217A GINSBURG, S

20-JOUR/PRESS FRDM 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. Focus on journalism in Latin America with an emphasis on the struggle for democracy and press freedom in the region through country-by-countrysurvey of historical, political, economic, cultural, ethnic and geographical aspects. Examination of the evolution of professional journalism in Latin America, including topics such as the legal framework for freedom of expression, ethical principles, concentration of media ownership and the emergence of digital media. Knowledge of Spanish language is recommended, but it is not a requirement. Latin American Studies 322 and 330 may not both be

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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. Only one of the following may be counted: Journalism 354F, 367E, Latin American Studies 322 (Topic 14), 322 (Topic 20). Prerequisite: Varies with the topic. same as J 354F.
• 39570 MW 900 - 1030 BMC 3.208 ALVES, R

LAS 324L 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.
• 39575 TTH 1100 - 1230P SRH 1.320 CANOVA, P

LAS 326 5-MUSIC OF AFRICAN DIASPORA
Course number may be repeated for credit when the topics vary. The musical legacy of the African slave trade in the Americas, the social contexts in which black musical forms have developed, and their varied forms. Subjects include the shifting meanings of "black music" in various contexts; the notion of hybridity; the uses of African influenced music as a political or oppositional tool; and African ethnicgroups represented prominently in the New World, the traditions they brought with them, and the ways they have been adapted to new ends. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Music of the African Diaspora), 374F (Topic 8), Latin American Studies 326 (Topic: Music of the African Diaspora), 326 (Topic 5), Music 334 (Topic: Music of the African Diaspora), 334 (Topic 5). Prerequisite: Varies with the topic. same as AFR 374F (TOPIC 8), MUS 334 (TOPIC 5).
• 39580 TTH 1100 - 1230P MRH 2.634 MOORE, R
M 500 - 600P MRH 2.604

5-MUSIC OF AFRICAN DIASPORA
Course number may be repeated for credit when the topics vary. The musical legacy of the African slave trade in the Americas, the social contexts in which black musical forms have developed, and their varied forms. Subjects include the shifting meanings of "black music" in various contexts; the notion of hybridity; the uses of African influenced music as a political or oppositional tool; and African ethnicgroups represented prominently in the New World, the traditions they brought with them, and the ways they have been adapted to new ends. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Music of the African Diaspora), 374F (Topic 8), Latin American Studies 326 (Topic: Music of the African Diaspora), 326 (Topic 5), Music 334 (Topic: Music of the African Diaspora), 334 (Topic 5). Prerequisite: Varies with the topic. same as AFR 374F (TOPIC 8), MUS 334 (TOPIC 5). also meets with MUS 380.
• 39585 TTH 1100 - 1230P MRH 2.634 MOORE, R
M 600 - 700P MRH 2.604

LAS 327 5-MAYA ART/ARCHITECTURE-GUA
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. Introduction to the artistic traditions of the ancient Maya, tracing their development up to the time of European contact. Students will examine various important themes of Maya culture including history, ritual, and cosmology as revealed in sculpture, hieroglyphs, painting, and architectural design. Art History 347M and Latin American Studies 327 (Topic 5) may not both be counted. Prerequisite: Varies with the topic. Restricted to students in the Maymester Abroad Program. Class meets June 5-July 2. Taught at Casa Herrera, Antigua, Guatemala. Students must consult with department as travel and orientation dates may be in addition to these dates. same as ARH 347M. also meets with ANT 324L, GRG 356T.
• 39590 STUART, D

LAS 328 CUBA IN QUESTION-CUB
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. Restricted to students in the Maymester Abroad Program; contact Study Abroad Office for permission to register for this class. Class meets May 26-July 10. Taught in Havana, Cuba. Students must consult with Study Abro ad Program Coordinator as travel and orientation dates may be in addition to these dates. meets with SPC 320C, AFR 372G, HIS 363K.
• 39595 ARROYO MARTINEZ, J

GRINGOMANIA: U.S. IN LAT AM
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 SPC 320C.
• 39600 TTH 200 - 330P BEN 1.102 BORGE, J

MODERN BRAZIL
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 PRC 320E.
• 39605 TTH 1230 - 200P RLP 1.102 MOORE, L

LAS 330 3-S AMER: NAT/SOCTY/SUST-ECU
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Field study of environmental and social change in selected landscapes inSouth America, such as protected areas; places of food production; transportation routes; migrant landscapes; urban areas; sites of cultural and historical importance; and issues of human rights. Latin American Studies 322 and 330 may not both be counted unless the topics vary. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets June 5-July 5. Taught in Cuenca, Ecuador. Students must consult with Study Abroad Pr ogram Coordinator as travel and orientation dates may be in addition to these dates. same as GRG 323K.
• 39610 KNAPP, G

4-MAPPING LATIN AMERICA
Course number may be repeated for credit when the topics vary. Discuss the role of maps in the creation of Latin America as a specific sort of place. As such, allows familiarity with a broad overview of Latin American history from Pre-Columbian civilizations to the modern period. Latin American Studies 322 and 330 may not both be counted unless the topics vary. Only one of the following may be counted: Geography 356T (Topic: Mapping Latin America), 356T (Topic 12), History 363K (Topic: Mapping Latin America), 363K (Topic 4), Latin American Studies 330 (Topic: Mapping Latin America), 330 (Topic 4). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 356T (TOPIC 12), HIS 363K (TOPIC 4).
• 39615 TTH 930 - 1100 SRH 1.115 DEL CASTILLO, L

5-VULNERABILITY TO NAT HAZARDS
Course number may be repeated for credit when the topics vary. An interdisciplinary approach, set right at the nexus of both physical and human geography, to studying the types of natural disasters that occur throughout Earth with a focus on tropical areas. Explore a region's susceptibility to natural disasters by studying the physical phenomena that incite specific hazards so that their spatial distribution can be outlined. Utilize theoretical frameworks that can expose the social causes of human vulnerability, the political repercussions of disasters, and how disaster response varies from country to country depending on varying political stances and economic conditions. Latin American Studies 322 and 330 may not both be counted unless the topics vary. Only one of the following may be counted: Geography 334C, 334L, Latin American Studies 330 (Topic: Environment Hazards Latin America/Caribbean), 330 (Topic 5). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as GRG 334L.
• 39620 TTH 930 - 1100 SRH 1.320 RAMOS, C

LAS 337M 11-POLITICS OF MEXICO
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. Survey of twentieth century politics in Mexico with an emphasis on political and economic development. Only one of the following may be counted: Government 337M (Topic: Politics of Mexico), 337M (Topic 6), Latin American Studies 337M (Topic: Politics of Mexico), 337M (Topic 11). Prerequisite: Varies with the topic. same as GOV 337M (TOPIC 6).
• 39625 TTH 930 - 1100 CAL 100 GREENE, K

12-LAW & DEMOCRACY 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. Explores many of the challenges to the rule of law across Latin America and how they affect the quality of democracy in the region. Only one of the following may be counted: Government 337M (Topic: Law and Democracy in Latin America), 337M (Topic 7), Latin American Studies 337M (Topic: Law and Democracy in Latin America), 337M (Topic 12). Prerequisite: Varies with the topic. same as GOV 337M (TOPIC 7).
• 39630 TTH 1230 - 200P

13-INTNATL POLITICS 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. Analysis of Latin America's political and economic relations with respect to external actors since the late twentieth century. Only one of the following may be counted: Government 337M (Topic: International Politics of Latin America), 337M (Topic 8), Latin American Studies 337M (Topic: International Politics of Latin America), 337M (Topic 13). Prerequisite: Varies with the topic. same as GOV 337M (TOPIC 8).
• 39635 MWF 1100 - 1200 MEZ B0.306 WEYLAND, K

16-POLITICS OF DEV IN LAT AMER
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. Examines the struggle for development in Latin America during the last century. Only one of the following may be counted: Government 337M (Topic: Politics of Development in Latin America), 337M (Topic 2), 337M (Topic 16), Latin American Studies 337M (Topic: Politics of Development in Latin America), 337M (Topic 2), 337M (Topic 16). Prerequisite: Varies with the topic. Additional prerequisite: Six semester hours of lower-division courseworkin government. same as GOV 337M (TOPIC 16).
• 39640 TTH 1230 - 200P JES A215A MADRID, R

LAS 366 CHILE: REVLUTN TO CNTERREVLUTN
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 350L.
• 39645 W 300 - 600P GAR 1.134 FRENS-STRING, J

POLITICS OF FOOD 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.
• 39650 MWF 1000 - 1100 SRH 1.320 ZAZUETA, M

12-MODERN BRAZIL
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. The

social, economic, political, and cultural forces that have shaped modern Brazil. Prerequisite: Upper-division standing. Prerequisite: Upper-division standing. same as HIS 328M.
• 39655 TTH 330 - 500P MEZ B0.306 GARFIELD, S

19-20TH-CEN RURAL 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. Examines causes of some of the unresolved conflicts affecting Latin America today, including the social-agrarian relationships linking landlords and campesinos; the role of the state and the impact of official ideologies involving indigenous people; religion and the Catholic Church; the history of rural institutions; and the success or failure of land reforms. Only one of the following may be counted: History 346V, 363K (Topic: Twentieth-Century Rural Latin America), Latin American Studies 366 (Topic 19). Prerequisite: Upper-division standing. Prerequisite: Upper-division standing. same as HIS 346V.
• 39660 MW 230 - 400P GAR 2.128 BUTLER, M

21-CHURCH & STATE IN 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. History of Church-state relations and religious politics in modern Latin America, with emphasis on the nineteenth to early twentieth-century periods. Only one of the following may be counted: History 346W, 363K (Topic: Church and State in Latin America), Latin American Studies 366 (Topic 21), Religious Studies 368 (Topic 1). Prerequisite: Upper-division standing. Prerequisite: Upper-division standing. same as HIS 346W, R S 368 (TOPIC 1).
• 39665 MWF 900 - 1000 GAR 1.126 BUTLER, M

31-AFRO-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. Examines the historical experiences of people of African descent in Latin America and the Caribbean beginning in the slavery era, and focuses on the histories of Afro-Latin Americans after emancipation. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: Afro-Latin America), 372G (Topic 10), 374E (Topic: Afro-Latin America), History 350L (Topic: Afro-Latin America), 350L (Topic 68), Latin American Studies 366 (Topic: Afro-Latin America), 366 (Topic 31). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as AFR 372G (TOPIC 10), HIS 350L (TOPIC 68).
• 39670 TTH 330 - 500P PAR 206 JIMENEZ, M

LAS 370P 6-IMMIGRATN/DIASP BRAZIL CUL
Course number may be repeated for credit when the topics vary. Taught in Portuguese. Examination of twentieth-century literature, films, and other cultural artifacts that capture the multicultural reality of Brazilian society and challenge the image of Brazil as a unified, harmonious, racially-mixed nation. Subjects include contemporary textual and visual representations of the Brazilian diaspora in the United States and Europe. Latin American Studies 322 and 370P may not both be counted unless the topics vary. Latin American Studies 370P (Topic 6) and Portuguese 375 (Topic 7) may not both be counted. Prerequisite: Portuguese 611D, 611S, 612, 312L, or 516; additional prerequisites vary with the topic. Additional prerequisite: Portuguese 327C and one of the following: 328C, 330L, or Portuguese Civilization 320E. same as POR 375 (TOPIC 7).
• 39675 TTH 800 - 930 RONCADOR, S

LAS 370S BODY POLITICS LAT AM POETRY
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, WGS 340.
• 39680 TTH 1100 - 1230P BEN 1.102 DOMINGUEZ-RUVALCAB

CUBAN REVOLUTION
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 350K.
• 39685 TTH 200 - 330P BEN 1.124 SALGADO, C

24-GEND ISS CONTEMP LAT AM CIN
Course number may be repeated for credit when the topics vary. Taught in Spanish. Studies Latin American cinema as a device of gender system formation and reinforcement, and as criticism of patriarchal hegemony; discusses questions related to sexuality depicted in Latin American films. Subjects covered include: maternity, prostitution, machismo, children's sexuality, homosexuality, heterosexuality, and gender violence in films from the 1930s to present. Conducted in Spanish. 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 24), Spanish 350 (Topic: Gender in Contemporary Latin American Cinema), 350K (Topic 1), Women's and Gender Studies 335 (Topic 6), 340 (Topic: Gender in Contemporary Latin American Cinema). Prerequisite: Spanish 611D, 612, or 312L; additional prerequisites vary with the topic. Additional prerequisite: Spanish 327C, (or 327), (or 327G), and three hours of upper-division coursework in either Spanish or Spanish Civilization. same as SPN 350K (TOPIC 1), WGS 335 (TOPIC 6).
• 39690 TTH 200 - 330P BEN 1.126 DOMINGUEZ-RUVALCAB

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.
• 39695 TTH 930 - 1100 MEZ 1.216 GINSBURG, S
• 39700 TTH 1100 - 1230P MEZ 1.102 REED, C
• 39705 MWF 200 - 300P RLP 0.122 PORTO, L
• 39710 TTH 200 - 330P MEZ 1.102 REED, C

LAS 378 CAPSTONE LATIN AMER STUDIES
Prerequisite: Upper-division standing.
• 39715 MWF 900 - 1000 SRH 1.320 ZAZUETA, M

LAS 381 BORDRLNDS/MEXCN LANDSCAPES
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 ARC 388R, MAS 392.
• 39720 TH 300 - 600P SUT 3.112 LOPEZ, S

COLONIALISM/INDIGEN RESPONSE
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 ILA 387.
• 39725 W 900 - 1200 BEN 1.118 CARCAMO-HUECHANTE

DEVELOPMENT MKTS & SOC 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 SOC 396P.
• 39730 T 1200 - 300P SRH 1.313 FRIDMAN, D

DOMINICAN REPUBLIC PRACTICUM
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. meets with CRP 395D.
• 39735 T 500 - 800P WMB 3.116 SLETTO, B

ETHNIC RACE RELATION LATIN AME
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 AFR 380P.
• 39740 W 1000 - 100P GWB 1.138 JORGE DE PAULA PAI

TECH: SLAVERY/CAPITAL/CULT
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 ILA 387.
• 39745 TH 900 - 1200 BEN 1.118 ARROYO MARTINEZ, J

LAS 382 CONF CRS IN LATIN AMER STUDIES
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 39750

LAS 383 INVISIBLE GLOBAL MARKET
Offered on the letter-grade basis only. Only one of the following may be counted: Advertising 391L, Latin American Studies 383, Marketing 382 (Topic: Invisible Global Market), 382 (Topic: Invisible Global Marketing), 282, 382 (Topic 34), Middle Eastern Studies 382M, Public Affairs 388N. same as ADV 391L, MES 382M, P A 388N. also meets with MKT 382 (TOPIC 34).
• 39755 TTH 930 - 1100 RRH 4.402 MAHAJAN, V

LAS 384L ANALYTCL ISS IN LAT AMER POLIT
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 (TOPIC 22).
• 39760 TH 1230 - 330P BAT 1.104 HUNTER, W

LAS 386 DRUGS IN WORLD HISTORY
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, AFR 380P.
• 39765 M 900 - 1200 GAR 1.122 OSSEO-ASARE, A

GUA HIS THRU NATNL POL ARCHIVE
Designed to accommodate 35 or fewer students. 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, R S 392T.
• 39770 W 900 - 1200 SRH 1.313 BURNETT, V

course unique days time room instructor

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.
• 39775 M 300 - 600P GAR 1.122 TWINAM, A

POSTCOLONIAL BRAZIL
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.
• 39780 TH 930 - 1230P GAR 1.122 GARFIELD, S

STUDIES IN THE ATLANTIC WORLDS
Designed to accommodate 35 or fewer students. 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 R S 392T, HIS 383M, AFR 381.
• 39785 M 1200 - 300P GAR 1.122 CANIZARES, J

TERR/NATN-STATE FORMATN LAT AM
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.
• 39790 T 1230 - 330P SRH 1.320 DEL CASTILLO, L

LAS 391 AMER IMMIGRANT CUL EXPERIENCES
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 389K (TOPIC 19), MAS 392.
• 39795 W 200 - 500P SAC 5.118 MENCHACA, M

INDIGEN PPLS NEOLIB AND STATE
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 391.
• 39800 T 200 - 500P SAC 5.118 CANOVA, P

LAS 392P IMMIG TRANSNAT IN BRA CULT
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with ILA 388.
• 39805 TTH 330 - 500P BEN 1.118 RONCADOR, S

LAS 698A 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.
• 39810

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.
• 39815

LAS 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 Latin American studies and consent of the supervising professor and the graduate adviser.
• 39820

LAS 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39825

LAS 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39830

LAS 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 39835

LAS 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin American Studies 399R, 699R, or 999R.
• 39840

LAS 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin American Studies 399R, 699R, or 999R.
• 39845

LAS 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Latin American Studies 399R, 699R, or 999R.
• 39850

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.
• 39905 MWF 200 - 400P GDC 2.410 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.
• 39910 MWF 800 - 1000 RLP 4.222 PARKER, E
• 39915 MWF 1000 - 1200 RLP 0.104 WHITE, D
• 39920 MWF 1200 - 200P GDC 2.410 WYNNE, M
• 39925 MWF 1200 - 200P RLP 0.104 WHITE, D
• 39930 TTH 200 - 500P GDC 5.304 RAMONT, F

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.
• 39935 MWF 1000 - 1100 RLP 4.222 PARKER, E
• 39940 TTH 1100 - 1230P RLP 4.222 RAMONT, F
• 39945 MWF 1200 - 100P RLP 4.222 PARKER, E

ASL 326 SIGN LANGS & SIGNING COMMUNS
Examines the grammar of signed languages, their use in signing communities, and the acquisition of signed languages as first languages.No knowledge of American Sign Language is required. May not be counted toward fulfillment of the foreign language requirement for any bachelor's degree. Prerequisite: Upper-division standing. same as LIN 350 (TOPIC 3).
• 39950 TTH 200 - 330P UTC 3.120 QUINTO-POZOS, 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.
• 39955

LIN 306 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.
• 40010 MWF 1100 - 1200 RLP 0.102 ENGLAND, N
• 40015 TTH 1100 - 1230P RLP 0.122
• 40020 TTH 1230 - 200P RLP 0.104
• 40025 MWF 100 - 200P RLP 0.122
• 40030 TTH 330 - 500P RLP 1.102

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.
• 40035 TTH 930 - 1030 ECJ 1.202 HANDMAN, C
W 800 - 900 SAC 4.118
• 40040 TTH 930 - 1030 ECJ 1.202 HANDMAN, C
M 900 - 1000 SAC 4.118
• 40045 TTH 930 - 1030 ECJ 1.202 HANDMAN, C
T 300 - 400P SAC 4.118
• 40050 TTH 930 - 1030 ECJ 1.202 HANDMAN, C
TH 300 - 400P SAC 4.118
• 40055 TTH 930 - 1030 ECJ 1.202 HANDMAN, C
T 400 - 500P SAC 4.118
• 40060 TTH 930 - 1030 ECJ 1.202 HANDMAN, C
TH 400 - 500P SAC 4.118

course	unique	days	time	room	instructor

LIN 315 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 CSD 315S.
• 40065 TTH 930 - 1100 CMB 2.102 SUSSMAN, H

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.
• 40070 MWF 1200 - 100P PAR 210 BLOCKLEY, M

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.
• 40075 TTH 1230 - 200P PAR 201 SMILJANIC, R

LIN 345 LANG CHANGE AND LANG VARIATION
Introduction to the study of how languages change and the principles developed by linguists to account for these changes. Investigation of the various domains in which change occurs, and the social and linguistic motivations for change. Examines the methods linguists use todetermine the earlier profile of a language or its parent language, before identified changes occurred. Prerequisite: Linguistics 344K.
• 40080 MWF 1100 - 1200 SZB 380 LAW, D

LIN 350 LATINA/OS AND LANGUAGE
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. Prerequisite: Varies with the topic. meets with MAS 374.
• 40085 MWF 1100 - 1200 GEA 114 LOPEZ, B

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.
• 40090 MWF 1000 - 1100 CMB 2.102 HAMILTON, J

3-SIGN LANGS & SIGNING COMMUNS
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 the grammar of signed languages, their use in signing communities, and the acquisition of signed languages as first languages.No knowledge of American Sign Language is required. May not be counted toward fulfillment of the foreign language requirement for any bachelor's degree. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as ASL 326.
• 40095 TTH 200 - 330P UTC 3.120 QUINTO-POZOS, D

7-LANGUAGE, COGNITION, RHYTHM
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. Explores connections between language and various musical forms, and what the psychological basis for these connections might be. Reading materials are drawn primarily from the published literature in psychology, linguistics, and music perception. Linguistics 350 (Topic: Language, Cognition, & Rhythm) and 350 (Topic 7)may not both be counted. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing.
• 40100 TTH 200 - 330P RLP 0.104 CROWHURST, M

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-.
• 40105

LIN 364M HISTORY OF ENGLISH LANGUAGE
Designed to accommodate 35 or fewer students. Development of sounds, forms, and vocabulary of the English language from its origins to the present. Prerequisite: Nine semester hours of coursework in English or rhetoric and writing. same as E 364M.
• 40110 MWF 200 - 300P PAR 310 BLOCKLEY, M

LIN 372K SOUND PATTERNS: SOUND TO WORD
Methods and principles of analyzing the sound systems of languages. Prerequisite: Linguistics 344K.
• 40115 TTH 1100 - 1230P RLP 0.104 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.
• 40120 TTH 930 - 1100 RLP 0.106 BEAVERS, J

LIN 373 AMER INDIAN LANGS AND CULS
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 ANT 320L (TOPIC 4).
• 40125 TTH 1100 - 1230P SAC 4.174 WEBSTER, A

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.
• 40130 MWF 1000 - 1100 GEA 127 LOPEZ, B

MACHINE LEARNING TEXT ANALYSIS
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.
• 40135 TTH 1100 - 1230P SZB 380 LI, J

MISTRANSLATING LATINOS
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 363C, PHL 354.
• 40140 TTH 1100 - 1230P GWB 1.130 COLOMINA-ALMINANA

1-CHILD LANGUAGE
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. Examination of theory and research concerning the development of language in the child. Linguistics 373 (Topic 1) and Psychology 333P may not both be counted. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing.
• 40145 TTH 800 - 930 SAC 5.102 SINGLETON, J

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.
• 40150

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.
• 40152

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.
• 40155

LIN 380K PHONOLOGY I
The descriptive techniques of generative phonology. Prerequisite: Graduate standing.
• 40160 TTH 1100 - 1230P RLP 4.710 MYERS, S

LIN 380M SEMANTICS I
An introduction to formal semantics and pragmatics, and the logical techniques needed to analyze them. Prerequisite: Graduate standing. meets with PHL 391.
• 40165 TTH 200 - 330P RLP 4.710 BEAVER, D

LIN 389C RSCH IN COMPUTATNL LINGUISTICS
May be repeated for credit. Prerequisite: Graduate standing.
• 40170 F 1200 - 300P RLP 4.422 LI, J

LIN 389D RSCH DOCUM/DESCRIPT LING
May be repeated for credit. Prerequisite: Graduate standing.
• 40175 W 100 - 400P RLP 4.716 WOODBURY, A

LIN 389P RSCH IN PHONETICS/PHONOLOGY
May be repeated for credit. Prerequisite: Graduate standing.
• 40180 TTH 330 - 500P RLP 4.710 MYERS, S

LIN 389S RSCH IN SYNTAX AND SEMANTICS
May be repeated for credit. Prerequisite: Graduate standing.
• 40185 W 900 - 1200 RLP 4.710 BEAVER, D

LIN 389V RSCH IN SIGNED LANGUAGES
May be repeated for credit. Prerequisite: Graduate standing.
• 40190 W 300 - 600P RLP 4.104 SINGLETON, J

LIN 392 L2A PLASTICITY/VARIAB/AGE
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 FR 392K.
• 40195 W 300 - 600P HRH 4.102B BIRDSONG, D

LIN 394K PHILOSOPHY OF LANGUAGE
Designed to accommodate 35 or fewer students. Only one of the following may be counted: Linguistics 393S (Topic: Philosophy of Language), 394K, Philosophy 391 (Topic: Philosophy of Language), 394K. Prerequisite: Graduate standing and consent of instructor. same as PHL 394K.
• 40200 M 300 - 600P WAG 310 BUCHANAN, L

course | unique | days | time | room | instructor

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.
• 40205

LIN 396 2-INTRO TO GRAD LING ANTHROPOL
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. Prerequisite: Graduate standing and consent of instructor. same as ANT 392N.
• 40210 W 100 - 400P SAC 4.114 KEATING, E

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.
• 40215

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.
• 40220

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.
• 40225

LIN 398T SUPV TEACHING IN LINGUISTICS
Teaching under the close supervision of the course instructor; weekly group meetings with instructor, individual consultations, and reports throughout the teaching period. Prerequisite: Graduate standing and appointment as a teaching assistant.
• 40230 M 1200 - 300P RLP 4.710 BEAVERS, J

LIN 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 40235

LIN 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 40240

LIN 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 40245

LIN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Linguistics 399R, 699R, or 999R.
• 40250

LIN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Linguistics 399R, 699R, or 999R.
• 40255

LIN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Linguistics 399R, 699R, or 999R.
• 40260

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.
• 40315 TTH 1230 - 200P BUR 112 LEBRON, M

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.
• 40320 MWF 1200 - 100P JGB 2.202 ALLISON, A

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).
• 40325 MWF 900 - 1000 GEA 127 ROSAS, L
• 40330 MWF 200 - 300P BIO 301 ROSAS, L

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.
• 40335 TTH 930 - 1100 MEZ 1.306 ZAMORA, E

MAS 319 IMMIGRATION AND ETHNICITY
Course number may be repeated for credit when the topics vary. meets with HIS 317L, AAS 310.
• 40340 TTH 1230 - 200P GAR 2.112 HSU, M

LATINX HEALTH/DISEASE STUDS
Course number may be repeated for credit when the topics vary.
• 40345 TTH 330 - 500P CMA 5.190 DUPONT-REYES, M

MAS 361 MEXICAN AMER CUL STUDIES SMNR
Explores cultural studies literature as read through the experience of the Mexican-origin community in the United States. Discussions include race, class, and feminism. Students write a research paper and deliver a scholarly presentation. Prerequisite: Upper-division standing and Mexican American Studies 307.
• 40350 TTH 200 - 330P GWB 1.130 GONZALEZ-MARTIN, R

MAS 362 MEXICAN AMER POLICY STDS SMNR
Profiles the current economic status of Mexican Americans in the United States. Examines two dimensions of public policy: historical trends and comparisons with other ethnic groups. Students write a policy report and deliver a professional presentation. Mexican American Studies 362 and 374 (Topic: Mexican American Public Policy Issues) may not both be counted. Prerequisite: Upper-division standing and Mexican American Studies 308.
• 40355 TTH 330 - 500P GWB 1.130 VASQUEZ, A

MAS 363C MISTRANSLATING LATINOS
Only one of the following may be counted: Linguistics 373 (Topic: Mistranslating Latinos), Mexican American Studies 363C, 374 (Topic: Mistranslating Latinos), Philosophy 354 (Topic: Mistranslating Latinos), Spanish Civilization 320C (Topic: Mistranslating Latinos). Prerequisite: Upper-division standing. meets with LIN 373, PHL 354.
• 40360 TTH 1100 - 1230P GWB 1.130 COLOMINA-ALMINANA

MAS 364 HIST OF US-MEX BORDERLAND
Introduction to the history of the United States and Mexico border region. Only one of the following may be counted: History 365G (Topic: History of the United States-Mexico Borderland), 365G (Topic 12), Mexican American Studies 364, 374 (Topic: History of the United States-Mexico Borderland). Prerequisite: Upper-division standing. same as HIS 365G (TOPIC 12).
• 40365 MWF 1200 - 100P WAG 201 ALVAREZ, C

MAS 373 INDEPENDENT RESEARCH
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Consent of the academic adviser.
• 40370

MAS 374 BILINGUAL MINDS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with LIN 373.
• 40375 MWF 1000 - 1100 GEA 127 LOPEZ, B

CHICANA FEMINISMS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with AMS 321, WGS 340.
• 40380 MW 100 - 230P ECJ 1.308 GUIDOTTI-HERNANDEZ

LATIN AMERICAN TELEVISION
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with RTF 359S (TOPIC 13), LAS 322.
• 40385 MWF 1100 - 1200 BMC 4.204 STRAUBHAAR, J
W 730 - 1000P CMA 3.120

LATINA FEMINISM AND HEALTH
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with WGS 340.
• 40390 TTH 1100 - 1230P GEA 127 MINICH, J

LATINA SEXUALITY AND HEALTH
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with WGS 340.
• 40395 MW 230 - 400P CMA 5.190 PARRA-MEDINA, D

LATINA/OS AND LANGUAGE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with LIN 350.
• 40400 MWF 1100 - 1200 GEA 114 LOPEZ, B

LATINA/OS AND US MEDIA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with RTF 359S (TOPIC 8).
• 40405 MWF 100 - 200P BMC 4.206 BELTRAN, M
M 730 - 1000P CMA 3.116

LATINO MIGRATIONS AND ASYLUM
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with LAS 322.
• 40410 TTH 1230 - 200P PHR 2.116 VASQUEZ, A

10/1/2018

LATINX SHORT STORY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with WGS 340, E 376M.
• 40415 MWF 1000 - 1100 CAL 200 GARCIA, P

LATINO MIGRTN/HUMAN TRAFFIC
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with SOC 321K.
• 40420 TTH 930 - 1100 PHR 2.108 VASQUEZ, A

SPECIAL TOPICS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 40425 MWF 1100 - 1200 GEA 127 ROSAS, L

US AND MEXICO RELATIONS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 40430 MWF 100 - 200P GAR 2.112 ALVAREZ, C

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 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).
• 40435 TTH 1230 - 200P MEZ B0.306 OZANNE, R

38-FEM INTERVNT BORDERLAND HIS
Course number may be repeated for credit when the topics vary. Provides an in-depth understanding of the social, economic, and spatial transformations of the United States/Mexico borderlands in the nineteenth and early twentieth centuries. Only one of the following may be counted: American Studies 370 (Topic: Feminist Interventions in Borderlands History), 370 (Topic 45), Mexican American Studies 374 (Topic: Feminist Interventions in Borderlands History), 374 (Topic 38), Women's and Gender Studies 340 (Topic: Feminist Interventions in Borderlands History), 340 (Topic 45). Prerequisite: Varies with the topic. same as AMS 370 (TOPIC 45), WGS 340 (TOPIC 45).
• 40440 MW 1000 - 1130 BUR 436B GUIDOTTI-HERNANDEZ

41-BORDER CONTROL/DEATHS
Course number may be repeated for credit when the topics vary. Focus on enactment of border control policies, policy implementation and death patterns at the United States-Mexico border, patterns of unauthorized border crossings through dangerous border terrain, grassroots movements to support migrants and lessen deaths, and the ethics of coercive border control. Surveys the public sentiments and attitudes that support new border control policies, the patterns of migrant deaths in deserts and in the Rio Grande River associated with border control strategies, movements and community efforts to support migrants in the Arizona border area, and legal and ethical arguments and concepts that frame discussions of migrant deaths at the United States-Mexico border. Only one of the following may be counted: Mexican American Studies 374 (Topic: Border Control/Deaths), 374 (Topic 41), Sociology 321K (Topic: Border Control/Deaths), 323D. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as SOC 323D.
• 40445 TTH 200 - 330P RLP 0.102 RODRIGUEZ, N

MAS 375 INTERNSHIP
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 40450

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.
• 40455 TORIBIO, A

MAS 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. 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.
• 40460

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.
• 40465

MAS 392 BORDRLNDS/MEXCN LANDSCAPES
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 ARC 388R, LAS 381.
• 40470 TH 300 - 600P SUT 3.112 LOPEZ, S

CRIT APPR TO YA FICTIONS
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 395M, AMS 391, WGS 393.
• 40475 M 1200 - 300P CAL 323 PEREZ, D

LATINA/O NARRTV, ITS FUTURE
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 395M.
• 40480 TH 200 - 500P CAL 323 GONZALEZ, J

LATINO POLICY DEVELOPMENT
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 383C.
• 40485 W 200 - 500P SRH 3.124 DEFRANCESCO, V

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.
• 40490 M 300 - 600P GWB 1.138 GONZALEZ-MARTIN, R

ON SO CALLED SPANGLISH
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; additional prerequisites vary with the topic. meets with ILA 386.
• 40495 T 900 - 1200 CAL 21 TORIBIO, A

RACE/ETHNCTY IN AMER SOCTY
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 391, ANT 389K (TOPIC 19).
• 40500 W 200 - 500P SAC 5.118 MENCHACA, M

MAS 395C THEORIES MEX AM LAT STUDIES
Offered on the letter-grade basis only. Examines the major theoretical foundations in Mexican American and Latina/o Studies. Prerequisite: Graduate standing and consent of the graduate adviser.
• 40505 TH 200 - 500P GWB 1.138 FLORES, R

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.
• 40510

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.
• 40515

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.
• 40520

MEDIEVAL STUDIES

Medieval Studies - MDV

MDV 392M CHANT HYPERTEXTS
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 MUS 385J.
• 40575 M 200 - 500P MRH 3.134 NARDINI, L

MEDVL PERFORMANCE CULTURE
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.
• 40580 M 900 - 1200 PAR 214 BIRKHOLZ, D

SAINTS' LIVES AS HIST SOURCES
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 R S 390T, HIS 397L, WGS 393.
• 40585 T 930 - 1230P GAR 1.122 FRAZIER, A

10/11/2018

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 301L MID EAST: ADJ/CHG MDRN TIME
The responses of the societies of the Middle East and North Africa (Turkey, Iran, Afghanistan, Israel, and the Arab world) to Western cultural and political challenges, primarily since about 1800. Only one of the following may be counted: Government 314 (Topic 3), History 306N (Topic 5), Middle Eastern Studies 301L. same as GOV 314 (TOPIC 3), HIS 306N (TOPIC 5).
• 40640 MWF 100 - 200P RLP 0.102 DI-CAPUA, Y

MES 310 4-SOCL TRNSFMTN LOVE/RLTNSHPS
Course number may be repeated for credit when the topics vary. Studies of areas and issues in the Middle East and North Africa. Examination of the social, psychological, and spiritual perspectives toward the ideas of love and intimacy; how love and intimacy interact with rapid social, economic, and cultural change; and how the subsequent-change transformed the social world and the meaning of love. Subjects include the aspects of self and identity; differentiation in the context of love in the modern age; the family and the individual; the impact of industrialization on private lives and the public order; gender, communication, love; intercultural love and intimacy; and personal choice and arranged marriages. Only one of the following may be counted: Middle Eastern Studies 310 (Topic: Social Transformation of Love and Relationships), 310 (Topic 4),Sociology 308 (Topic: Social Transformation of Love and Relationships), 308L. same as SOC 308L.
• 40645 MW 1130 - 100P PAR 201 HAGHSHENAS, M

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.
• 40650 TTH 930 - 1100 MRH 2.608 LAHASKY, S
M 500 - 600P MRH 4.126
• 40655 TTH 930 - 1100 MRH 2.608 LAHASKY, S
W 500 - 600P MRH 4.126
• 40660 TTH 930 - 1100 MRH 2.608 LAHASKY, S
M 600 - 700P MRH 4.126
• 40665 TTH 930 - 1100 MRH 2.608 LAHASKY, S
W 600 - 700P MRH 4.126

MES 341 GLOBAL MARKETING
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Additional prerequisite: Marketing 337 or 337H. meets with MKT 372 (TOPIC 4).
• 40670 MW 800 - 930 CBA 4.324 FROEHLS, M

MULTICULTURAL ISRAEL
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ANT 325L, J S 365.
• 40672 TTH 1230 - 200P GDC 2.410 WEINREB, A

MES 342 CLASSIC LYRIC POEMS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MEL 321, C L 323.
• 40675 TTH 930 - 1100 PAR 310 HILLMANN, M

DAILY LIFE IN ANCIENT EGYPT
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MEL 321, C C 348 (TOPIC 24), AFR 374C (TOPIC 7).
• 40680 MWF 1100 - 1200 WAG 112 NETHERCUT, W

MIDDLE EASTERN POP CULTURES
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 40685 MWF 200 - 300P MEZ 2.102 FISH, L

PERSUASION BIBLE TIME/PLACE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with RHE 330E, J S 363.
• 40690 MW 400 - 530P PAR 103 CHARNEY, D

16-THE QUR'AN
Course number may be repeated for credit when the topics vary. The history, language, style, and themes of the Qur'an. Only one of the following may be counted: Comparative Literature 323 (Topic: The Qur'an), 323 (Topic 37), Core Texts and Ideas 375 (Topic: The Qur'an), Core Texts and Ideas 375 (Topic 1), Islamic Studies 340 (Topic 2), Middle Eastern Languages and Cultures 321 (Topic 9), Middle Eastern Studies 342 (Topic 16), Religious Studies 325G, Women's and Gender Studies 340 (Topic: The Qur'an), 340 (Topic 54). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 37), CTI 375 (TOPIC 1), ISL 340 (TOPIC 2), MEL 321 (TOPIC 9), R S 325G, WGS 340 (TOPIC 54).
• 40695 TTH 1230 - 200P PAR 1 AZAM, H

23-THE DEAD SEA SCROLLS
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Ancient History and Classical Civilization 330 (Topic: The Dead Sea Scrolls), 330 (Topic 1), History 364G (Topic 3), Jewish Studies 364 (Topic 4), Middle Eastern Languages and Cultures 321 (Topic 17), 342 (Topic 23), Religious Studies 353D. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AHC 330 (TOPIC 1), HIS 364G (TOPIC 3), J S 364 (TOPIC 4), MEL 321 (TOPIC 17), R S 353D. also meets with CTI 375.
• 40700 MWF 100 - 200P RLP 1.106 KAPLAN, J

MES 343 ISLAM EARLY MOD WORLD:REL/CULT
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with R S 358 (TOPIC 22), ISL 372.
• 40705 TTH 1100 - 1230P GAR 2.128 MOIN, A

MID EAST HIST IN 100 OBJECTS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ISL 373, HIS 364G, ARH 363.
• 40710 TTH 200 - 330P ART 1.110 MULDER, S

ORIGINS OF MONOTHEISM
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with R S 358.
• 40715 MW 1000 - 1130 MEZ 1.120 WELLS, B

MES 370 PRACT: INTRNSHP IN APPLIED MES
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.
• 40720

MES 679HA HONORS TUTORIAL COURSE
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.
• 40725

MES 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 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.
• 40730

MES 381 37-INTEL HIST INDO-IRAN ISLAM
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. same as ANS 390 (TOPIC 6), HIS 388K (TOPIC 2). also meets with R S 394T.
• 40735 T 200 - 500P CAL 419 MOIN, A

MES 382 CONF COURSE IN MID EAST STDS
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Individual research on various aspects, periods, civilizations, and cultures of the Middle East and North Africa. Prerequisite: Graduate standing and consent of instructor.
• 40740

MES 382M INVISIBLE GLOBAL MARKET
Offered on the letter-grade basis only. Only one of the following may be counted: Advertising 391L, Latin American Studies 383, Marketing 382 (Topic: Invisible Global Market), 382 (Topic: Invisible Global Marketing), 282, 382 (Topic 34), Middle Eastern Studies 382M, Public Affairs 388N. same as ADV 391L, LAS 383, P A 388N. also meets with MKT 382 (TOPIC 34).
• 40745 TTH 930 - 1100 RRH 4.402 MAHAJAN, V

MES 384 ISLAMIC LAW/POLITICAL VIOLENCE
Designed to accommodate 35 or fewer students. 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 LAW 397S.
• 40747 W 300 - 600P JON 6.207 AYOUB, S

MES 385 BRITISH HIST, LIT, & POLITICS
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. Additional prerequisite: Consent of the graduate adviser. meets with HIS 384K, GOV 390L, E 392M.
• 40750 F 430 - 730P HRC 3.204 LOUIS, W

GLOBAL IRAN
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 count-

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course	unique	days	time	room	instructor

ed unless the topics vary: Middle Eastern Studies 381, 384, 385, 386. Prerequisite: Graduate standing. Additional prerequisites may vary with the topic. meets with HIS 388K.

• 40755	TH	330 - 630P	CAL 422	KOYAGI, M

IDEAS OF THE EAST: GLOBAL HIST

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. meets with ANS 391, HIS 388K.

• 40760	T	330 - 630P	CAL 422	KOYAGI, M

ISLAM/NATION STATE/MID EAST

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. meets with GOV 390L, R S 390T.

• 40765	W	300 - 600P	CAL 422	AGBARIA, A

MES 386 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.

• 40770	M	300 - 600P	CAL 22	AFRASIABI, D

SURVEY OF MID EAST LIT/FILM

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.

• 40775	M	300 - 600P	CAL 21	AZAM, H

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.

• 40780

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.

• 40785

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.

• 40790

ARA 611C INTENSIVE ARABIC II

Arabic 611C and 512K may not both be counted. If taken in residence, only one of the following may be counted: Arabic 507, 509, 611C. If taken in residence, Arabic 107C and 611C may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 601C with a grade of at least C.

• 40845	MWF	900 - 1000	MEZ 1.102	
	TTH	930 - 1100	MEZ 1.122	
• 40850	MWF	900 - 1000	MEZ 1.202	
	TTH	930 - 1100	MEZ 1.202	
• 40855	MWF	1100 - 1200	MEZ 1.202	
	TTH	1100 - 1230P	MEZ 1.202	

INTENSIVE ARABIC II

Designed to accommodate 35 or fewer students. Arabic 611C and 512K may not both be counted. If taken in residence, only one of the following may be counted: Arabic 507, 509, 611C. If taken in residence, Arabic 107C and 611C may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 601C with a grade of at least C.

• 40860	MWF	1200 - 100P	BEN 1.102	MOHAMMAD, M
	TTH	1230 - 200P	MEZ 1.202	

INTENSIVE ARABIC II

Arabic 611C and 512K may not both be counted. If taken in residence, only one of the following may be counted: Arabic 507, 509, 611C. If taken in residence, Arabic 107C and 611C may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 601C with a grade of at least C.

• 40865	MWF	100 - 200P	MEZ 2.102	
	TTH	1230 - 200P	MEZ B0.302	

INTENSIVE ARABIC II

Designed to accommodate 35 or fewer students. Arabic 611C and 512K may not both be counted. If taken in residence, only one of the following may be counted: Arabic 507, 509, 611C. If taken in residence, Arabic 107C and 611C may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 601C with a grade of at least C.

• 40870	MWF	200 - 300P	WAG 308	
	TTH	200 - 330P	MEZ 2.102	

INTENSIVE ARABIC II

Arabic 611C and 512K may not both be counted. If taken in residence, only one of the following may be counted: Arabic 507, 509, 611C. If taken in residence, Arabic 107C and 611C may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 601C with a grade of at least C.

• 40875	MWF	300 - 400P	MEZ 2.122	
	TTH	330 - 500P	MEZ 2.118	

ARA 621L INTENSIVE ARABIC IV

If taken in residence, only one of the following may be counted: Arabic 512L, 621L. Arabic 112D and 621L may not both be counted. Not open to native speakers of Arabic. Prerequisite: Arabic 621K with a grade of at least C.

• 40880	MWF	1000 - 1100	MEZ 1.206	
	TTH	930 - 1100	MEZ 1.206	
• 40885	MWF	1100 - 1200	MEZ 1.118	
	TTH	1230 - 200P	MEZ 1.118	
• 40890	MWF	100 - 200P	MEZ B0.302	
	TTH	200 - 330P	PAR 303	

ARA 322K LEVANTINE ARABIC

Not open to native speakers of Arabic. Prerequisite: Arabic 512L or 621L with a grade of at least C.

• 40895	TTH	330 - 500P		

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-.

• 40900	TTH	1100 - 1230P		

ARA 130D ARABIC ACROSS DISCIPLINES

Hour(s) to be arranged. 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.

• 40905

• 40910

ARA 531L INTENSIVE ARABIC VI

Sixth semester of intensive Arabic language instruction. Not open to native speakers of Arabic. Prerequisite: Arabic 531K with a grade of at least C.

• 40915	MF	1200 - 100P	MEZ 1.122	
	TTH	1230 - 200P	JES A207A	
• 40920	MF	200 - 300P	MEZ 1.204	
	TTH	200 - 330P	GDC 2.410	

ARA 360L ARA READINGS CLASSCL ISL TXTS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Close textual study of prose or poetry in Arabic. Some topics may focus on the cultural impact of literature and language. Prerequisite: Arabic 531L with a grade of at least C. meets with ARA 387.

• 40924	TTH	1230 - 200P	MEZ 1.210	AYOUB, S

QURANIC ARABIC

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Close textual study of prose or poetry in Arabic. Some topics may focus on the cultural impact of literature and language. Prerequisite: Arabic 531L with a grade of at least C.

• 40925	TTH	1100 - 1230P	MEZ 2.102	MOHAMMAD, M

10-PALESTINE & PALESTINIANS

Course number may be repeated for credit when the topics vary. Close textual study of prose or poetry in Arabic. Some topics may focus on the cultural impact of literature and language. 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: Arabic 531L with a grade of at least C. Additional prerequisite: Arabic 531L with a grade of at least C.

• 40930	TTH	1230 - 200P		MOHAMMAD, M

ARA 387 ARA READINGS CLASSCL ISL TXTS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and Arabic 531L with a grade of at leastB. Additional prerequisites may vary with the topic. meets with ARA 360L.

• 40931	TTH	1230 - 200P	MEZ 1.210	AYOUB, S

HEB 611C INTENSIVE HEBREW II

Second semester of intensive Hebrew language instruction. Hebrew 611C and 412K may not both be counted. Hebrew 611C and 412L may not both be counted. Prerequisite: Hebrew 601C or 507 with a grade of at least C.

• 40985	MWF	1200 - 100P	MEZ 1.206	AGBARIA, A
	TTH	1230 - 200P	MEZ 1.206	
• 40990	MWF	200 - 300P	CAL 422	MAIMON, A
	TTH	200 - 330P	CAL 422	

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course unique days time room instructor

HEB 612C INTENSIVE BIBLICAL HEBREW II
Continuing the study of the language and texts of the Hebrew Bible, taught in the interactive style of a modern language classroom. Hebrew 612C and 313K may not both be counted. Hebrew 612C and 313L may not both be counted. Prerequisite: Hebrew 602C with a grade of at least C.
• 40995 MWF 1000 - 1100 PAR 208
TTH 930 - 1100 MEZ 2.102

HEB 130D HEBREW ACROSS DISCIPLINES
Hour(s) to be arranged. May be repeated for credit. Students read and discuss Hebrew 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, Hebrew 611C or 412L, and consent of instructor.
• 41000

HEB 346 INNOVATION & TECH IN ISRAEL
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Hebrew 320L.
• 41005 MWF 100 - 200P CAL 422 MAIMON, A

HEB 389 CONF COURSE IN HEBREW 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 Hebrew studies. Prerequisite: Graduate standing and consent of instructor.
• 41010

ISL 311 2-JUDAISM, CHRISTIANITY, ISLAM
Course number may be repeated for credit when the topics vary. Examines the intertwined historical developments of the religions of Judaism, Christianity, and Islam, and explores the principal beliefs andpractices of Jews, Christians, and Muslims. Prerequisite: Varies with the topic. same as HIS 304R, J S 311 (TOPIC 2), R S 304. also meets with CTI 304.
• 41065 TTH 1230 - 200P WAG 101 SMITH, G

ISL 340 2-THE QUR'AN
Course number may be repeated for credit when the topics vary. The history, language, style, and themes of the Qur'an. Only one of the following may be counted: Comparative Literature 323 (Topic: The Qur'an), 323 (Topic 37), Core Texts and Ideas 375 (Topic: The Qur'an), Core Texts and Ideas 375 (Topic 1), Islamic Studies 340 (Topic 2), Middle Eastern Languages and Cultures 321 (Topic 9), Middle Eastern Studies 342 (Topic 16), Religious Studies 325G, Women's and Gender Studies 340 (Topic: The Qur'an), 340 (Topic 54). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 37), CTI 375 (TOPIC 1), MEL 321 (TOPIC 9), MES 342 (TOPIC 16), R S 325G, WGS 340 (TOPIC 54).
• 41070 TTH 1230 - 200P PAR 1 AZAM, H

ISL 372 ISLAM EARLY MOD WORLD:REL/CULT
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. meets with R S 358 (TOPIC 22), MES 343.
• 41075 TTH 1100 - 1230P GAR 2.128 MOIN, A

VIEWS OF ISLAM IN THE US
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. meets with AMS 327, R S 346.
• 41080 TTH 1100 - 1230P MEZ 1.204 HILLMANN, M

ISL 373 MID EAST HIST IN 100 OBJECTS
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. meets with MES 343, HIS 364G, ARH 363.
• 41085 TTH 200 - 330P ART 1.110 MULDER, S

ISL 679HA HONORS TUTORIAL COURSE
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.
• 41090

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.
• 41095

MEL 321 CLASSIC LYRIC POEMS
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, C L 323.
• 41150 TTH 930 - 1100 PAR 310 HILLMANN, M

DAILY LIFE IN ANCIENT EGYPT
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, C C 348 (TOPIC 24), AFR 374C (TOPIC 7).
• 41155 MWF 1100 - 1200 WAG 112 NETHERCUT, W

9-THE QUR'AN
Course number may be repeated for credit when the topics vary. The history, language, style, and themes of the Qur'an. 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: Comparative Literature 323 (Topic: The Qur'an), 323 (Topic 37), Core Texts and Ideas 375 (Topic: The Qur'an), Core Texts and Ideas 375 (Topic 1), Islamic Studies 340 (Topic 2), Middle Eastern Languages and Cultures 321 (Topic 9), Middle Eastern Studies 342 (Topic 16), Religious Studies 325G, Women's and Gender Studies 340 (Topic: The Qur'an), 340 (Topic 54). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 37), CTI 375 (TOPIC 1), ISL 340 (TOPIC 2), MES 342 (TOPIC 16), R S 325G, WGS 340 (TOPIC 54).
• 41160 TTH 1230 - 200P PAR 1 AZAM, H

17-THE DEAD SEA SCROLLS
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: Ancient History and Classical Civilization 330 (Topic: The Dead Sea Scrolls), 330 (Topic 1), History 364G (Topic 3), Jewish Studies 364 (Topic 4), Middle Eastern Languages and Cultures 321 (Topic 17), 342 (Topic 23), Religious Studies 353D. Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. same as AHC 330 (TOPIC 1), HIS 364G (TOPIC 3), J S 364 (TOPIC 4), MES 342 (TOPIC 23), R S 353D. also meets with CTI 375.
• 41165 MWF 100 - 200P RLP 1.106 KAPLAN, J

MEL 323 ENGAGING THE MIDDLE EAST
Prerequisite: Upper-division standing and Middle Eastern Languages and Cultures 301.
• 41170 TTH 200 - 330P CAL 200 GRUMBERG, K

MEL 679HA 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 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.
• 41175

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.
• 41180

MEL 381 MULTILITERACIES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with FR 392K, ILA 386.
• 41185 TTH 200 - 330P HRH 4.102B BLYTH, C

TRANSNATIONAL LEGACIES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with ILA 387, C L 381.
• 41190 W 100 - 400P BEN 1.118 REED, C

MEL 383 BIBLICAL LAW
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing; additional prerequisites vary with the topic. meets with R S 386H.
• 41195 M 300 - 600P CAL 422 WELLS, B

MEL 389 CONF CRS MID EAST LANGS & CULS
Hour(s) to be arranged. 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.
• 41200

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.
• 41205

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.
• 41210

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.
• 41215

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. Prerequi-

site: Graduate standing in Middle Eastern languages and cultures and consent of the graduate adviser.
• 41220

MEL 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 41225

MEL 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 41230

MEL 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 41235

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
• 41240

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
• 41245

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
• 41250

PRS 611C INTENSIVE PERSIAN II
Second semester of intensive Persian language instruction. Only one of the following may be counted: Persian 611C, 612C,512K. Only one of the following may be counted: Persian 611C, 612C, 512L. Prerequisite: Persian 601C or 507 with a grade of at least C.
• 41305 MWF 900 - 1000 MEZ 1.206 SHAHSAVARI, A
TTH 930 - 1100 MEZ 1.204
• 41310 MWF 1000 - 1100 GAR 0.128
TTH 1100 - 1230P MEZ 1.118

PRS 329 ADV PERS THRU SHORT STORIES
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. Prerequisite: Persian 612C or 322K.
• 41315 TTH 1230 - 200P CAL 323 SHAHSAVARI, A

PRS 130D PERSIAN ACROSS DISCIPLINES
Hour(s) to be arranged. May be repeated for credit. Students read and discuss Persian 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, Persian 322L, and consent of instructor.
• 41320

PRS 384C READINGS IN PERSIANATE TEXTS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Study of various aspects and periods of Persian language and literature. Prerequisite: Graduate standing, three semester hours of upper-division coursework in Persian, and consent of instructor.
• 41325 TTH 200 - 330P MEZ 1.210 HILLMANN, M

TUR 611C INTENSIVE TURKISH II
Second semester of intensive Turkish language instruction. Turkish 611C and 412K may not both be counted. Turkish 611C and 412L may not both be counted. Prerequisite: Turkish 601C or 507 with a grade of at least C. meets with TUR 381J.
• 41380 MWF 1000 - 1100 RLP 1.108 OKUR, J
TTH 930 - 1100 BEN 1.106

TUR 329 TURKISH CINEMA
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Conducted in Turkish. Prerequisite: Upper-division standing and Turkish 611C or 412L with a grade of at least C.
• 41385 MWF 1200 - 100P PAR 103 OKUR, J

TUR 130D TURKISH ACROSS DISCIPLINES
Hour(s) to be arranged. 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.
• 41390

TUR 381J INTENSV GRAD LANG INSTRUCTN II
Intensive cultural and literacy-focused training in Turkish at the low-intermediate 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 and Turkish 381H with a grade of at least B. meets with TUR 611C.
• 41395 MWF 1000 - 1100 RLP 1.108 OKUR, J
TTH 930 - 1100 BEN 1.106

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.
• 41396

DEPARTMENT OF NAVAL SCIENCE

Naval Science - N S

N S 000 DRILL
• 41450 TTH 700 - 930 RLP 0.128 FLOYD, G

N S 312 SEA POWER AND MARITIME AFFAIRS
A consideration of the influence of sea power, naval history, and maritime affairs on current events and national policy. Prerequisite: Consent of instructor.
• 41455 TTH 1100 - 1230P RLP 5.402 FLOYD, G

N S 316 NAVAL WEAPONS SYSTEMS
Offered on the letter-grade basis only. Introduction to types, capabilities, and purposes of Naval weapons systems. Naval Science 603 and 316 may not both be counted.
• 41460 MWF 1000 - 1100 RLP 5.402 FLOYD, G

N S 326 EVOLUTION OF WARFARE
Explores the forms of warfare employed by great leaders in history as they relate to the evolution of warfare. Prerequisite: Consent of instructor.
• 41465 MWF 1200 - 100P RLP 5.402 FLOYD, G

N S 329 NAVIGATION AND NAVAL OPS I
An introduction to piloting, a survey of navigational aids, and a study of the Rules of the Nautical Road.
• 41470 MWF 900 - 1000 RLP 5.402 FLOYD, G

N S 330 LEADERSHIP AND ETHICS
Principles of leadership and ethics reinforced through seminar discussion and case studies. Discussion of the duties and responsibilities of a naval officer. Prerequisite: Naval Science 335 and consent of instructor.
• 41475 TTH 930 - 1100 RLP 5.402 KOSS, D

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.
• 41530 MW 1000 - 1100 PAR 201 MONTAGUE, M
F 1000 - 1100 CBA 4.342
• 41535 MW 1000 - 1100 PAR 201 MONTAGUE, M
F 1100 - 1200 CBA 4.342
• 41540 MW 1000 - 1100 PAR 201 MONTAGUE, M
F 1200 - 100P CBA 4.342

INTRODUCTION TO PHILOSOPHY
Designed to accommodate 100 or more students. 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.
• 41545 TTH 930 - 1100 WAG 214
• 41550 MWF 200 - 300P WAG 214 LEON, J

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.
• 41555 TTH 930 - 1100 WAG 302 HANKINSON, R

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.
• 41560 TTH 1230 - 200P WAG 308 PROOPS, I

10/11/2018

course	unique	days	time	room	instructor

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.

• 41565	MWF	900 - 1000	BEN 1.126	

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.

• 41570	TTH	1100 - 1200	WAG 302	TYE, M
	W	900 - 1000	WAG 307	
• 41575	TTH	1100 - 1200	WAG 302	TYE, M
	W	1000 - 1100	WAG 307	
• 41580	TTH	1100 - 1200	WAG 302	TYE, M
	W	1100 - 1200	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.

• 41585	MWF	900 - 1000	WAG 302	
• 41590	MW	1000 - 1100	WAG 302	
	F	900 - 1000	CAL 221	
• 41595	MW	1000 - 1100	WAG 302	
	F	900 - 1000	WAG 307	
• 41600	MW	1000 - 1100	WAG 302	
	F	1000 - 1100	MEZ 1.122	
• 41605	MW	1000 - 1100	WAG 302	
	F	1000 - 1100	WAG 307	
• 41610	MW	1000 - 1100	WAG 302	
	F	1100 - 1200	CAL 221	
• 41615	MW	1000 - 1100	WAG 302	
	F	1100 - 1200	WAG 307	
• 41620	MW	1100 - 1200	WAG 302	
	F	900 - 1000	SZB 422	
• 41625	MW	1100 - 1200	WAG 302	
	F	1000 - 1100	SZB 240	
• 41630	MW	1100 - 1200	WAG 302	
	F	1100 - 1200	RLP 0.108	
• 41635	MW	1100 - 1200	WAG 302	
	F	1100 - 1200	SZB 422	
• 41640	MW	1100 - 1200	WAG 302	
	F	1200 - 100P	RLP 0.120	
• 41645	MW	1100 - 1200	WAG 302	
	F	100 - 200P	RLP 0.120	

PHL 305 INTRO TO PHILOS OF RELIGION

A critical examination of various conceptions of God and of the relationship of the human and the divine. Only one of the following may be counted: Core Texts and Ideas 310 (Topic: Introduction to the Philosophy of Religion), 310 (Topic 3), Philosophy 305, Religious Studies 305. same as CTI 310 (TOPIC 3), R S 305.

• 41650	TTH	200 - 330P	WAG 214	MARTINICH, A

PHL 610QB 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.

• 41655	MWF	1200 - 100P	WAG 420	WOODRUFF, P
	F	900 - 1000	WAG 210	
• 41660	MWF	1200 - 100P	WAG 420	WOODRUFF, P
	F	1000 - 1100	WAG 210	
• 41665	MWF	1200 - 100P	WAG 420	WOODRUFF, P
	F	1100 - 1200	WAG 210	
• 41670	MW	100 - 230P	WAG 302	EVANS, M
	F	1200 - 100P	WAG 210	
• 41675	MW	100 - 230P	WAG 302	EVANS, M
	F	100 - 200P	WAG 210	
• 41680	MW	100 - 230P	WAG 302	EVANS, M
	F	200 - 300P	WAG 210	
• 41685	TTH	330 - 500P	WAG 302	PROOPS, I
	W	900 - 1000	WAG 210	
• 41690	TTH	330 - 500P	WAG 302	PROOPS, I
	W	1000 - 1100	WAG 210	
• 41695	TTH	330 - 500P	WAG 302	PROOPS, I
	W	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.

• 41700	MWF	900 - 1000	RLP 0.106	
• 41705	TTH	1100 - 1230P	WAG 214	HANKINSON, R

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.

• 41710	MWF	900 - 1000	WAG 420	LITLAND, J
	W	1100 - 1200	RLP 0.122	
• 41715	MWF	900 - 1000	WAG 420	LITLAND, J
	W	1200 - 100P	RLP 0.120	
• 41720	MWF	900 - 1000	WAG 420	LITLAND, J
	W	100 - 200P	RLP 0.120	
• 41725	TTH	200 - 330P	WAG 420	DOGRAMACI, S
	T	900 - 1000	WAG 307	
• 41730	TTH	200 - 330P	WAG 420	DOGRAMACI, S
	T	1000 - 1100	WAG 307	
• 41735	TTH	200 - 330P	WAG 420	DOGRAMACI, S
	TH	1000 - 1100	WAG 307	

PHL 315F PHILOSOPHY AND FILM

Formulation, analysis, and criticism of philosophical ideas in selected films.

• 41740	TTH	1230 - 130P	WAG 302	SARKAR, S
	W	1200 - 100P	WAG 307	
• 41745	TTH	1230 - 130P	WAG 302	SARKAR, S
	W	100 - 200P	WAG 307	
• 41750	TTH	1230 - 130P	WAG 302	SARKAR, S
	W	200 - 300P	WAG 307	

PHL 315L PHILOSOPHY AND LITERATURE

Formulation, analysis, and criticism of philosophical ideas in selected works of literature.

• 41755	TTH	200 - 300P	WAG 302	HIGGINS, K
	F	1200 - 100P	WAG 307	
• 41760	TTH	200 - 300P	WAG 302	HIGGINS, K
	F	100 - 200P	WAG 307	
• 41765	TTH	200 - 300P	WAG 302	HIGGINS, K
	F	200 - 300P	WAG 307	

PHL 316K SCIENCE AND PHILOSOPHY

Introduction to scientific method, including discussion of the nature and goals of science. May not be counted by students with credit for Philosophy 363.

• 41770	MWF	100 - 200P	BUR 216	

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.

• 41775	TTH	930 - 1100	WAG 201	
• 41780	MWF	1200 - 100P	WAG 214	

PHL 318 INTRODUCTION TO ETHICS

Study of basic principles of the moral life, with critical examination of traditional and contemporary theories of the nature of goodness, happiness, duty, and freedom. Philosophy 610QB and 318 may not both be counted.

• 41785	MW	100 - 200P	GAR 1.126	SMITH, N
	F	1100 - 1200	WAG 308	
• 41790	MW	100 - 200P	GAR 1.126	SMITH, N
	F	1200 - 100P	WAG 208	
• 41795	MW	100 - 200P	GAR 1.126	SMITH, N
	F	100 - 200P	WAG 208	

PHL 321K THEORY OF KNOWLEDGE

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.

• 41800	TTH	200 - 330P	WAG 307	HANKINSON, R

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.

• 41805	TTH	1230 - 200P	WAG 208	KOONS, R

PHL 323M PHILOSOPHY OF MIND

Restricted enrollment; contact the department for permission to register for this class. 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.

• 41810	MW	100 - 230P	GAR 0.128	BUCHANAN, L

PHL 325C ENVIRONMENTAL ETHICS

Moral issues concerning the relation of human beings to the environment, including biodiversity, resource depletion, and animal rights.

• 41815	MWF	1100 - 1200	WAG 201	SMITH, N
	F	1000 - 1100	MEZ 2.124	
• 41820	MWF	1100 - 1200	WAG 201	SMITH, N
	W	1200 - 100P	CAL 221	
• 41825	MWF	1100 - 1200	WAG 201	SMITH, N
	W	100 - 200P	CAL 221	

10/11/2018

course	unique	days	time	room	instructor

PHL 325K ETHICAL THEORIES-PHL MAJORS
Major traditional and contemporary ethical theories discussed and critically examined. Prerequisite: Six semester hours of coursework in philosophy. Restricted to philosophy majors.

• 41830	TTH	930 - 1100	WAG 308	DANCY, J

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.

• 41835	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	900 - 1000	WAG 210	
• 41840	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	900 - 1000	WAG 307	
• 41845	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	1000 - 1100	WAG 210	
• 41850	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	1000 - 1100	WAG 307	
• 41855	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	1100 - 1200	WAG 210	
• 41860	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	1100 - 1200	WAG 307	
• 41865	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	1200 - 100P	WAG 307	
• 41870	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	100 - 200P	WAG 307	
• 41875	TTH	200 - 300P	GAR 0.102	SARKAR, S
	M	200 - 300P	WAG 307	

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).

• 41880	MWF	1000 - 1100	PAR 301	LEON, J
	F	1100 - 1200	JES A209A	
• 41885	MWF	1000 - 1100	PAR 301	LEON, J
	F	1200 - 100P	JES A216A	

PHL 329L EARLY MOD PHL: DESCARTES-KANT
Prerequisite: Six semester hours of coursework in philosophy.

• 41890	MW	1000 - 1130	WAG 420	DUNLOP, K
	F	1000 - 1100	JES A216A	

EARLY MOD PHL: DESCARTES-KANT
Restricted enrollment; contact the department for permission to register for this class. Prerequisite: Six semester hours of coursework in philosophy.

• 41895	MW	1000 - 1130	WAG 420	DUNLOP, K
	F	1100 - 1200	JES A203A	

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.

• 41900	TTH	1100 - 1230P	CAL 200	SAINSBURY, R

PHL 342 FOUR MDRN POLITI PHILOSOPHY
Course number may be repeated for credit when the topics vary. Critical examination of leading theories of the state, including analysis of such concepts as sovereignty, obligation, rights, and freedom.

• 41905	TTH	930 - 1100	WAG 208	KOONS, R

1-NATURAL LAW THEORY
Course number may be repeated for credit when the topics vary. Critical examination of leading theories of the state, including analysis of such concepts as sovereignty, obligation, rights, and freedom. Study of the fundamental moral principles that are built into the designof human nature and lie at the roots of conscience. Only one of the following may be counted: Government 335M (Topic: Natural Law Theory), 335M (Topic 12), and Philosophy 342 (Topic: NaturalLaw Theory), Philosophy 342 (Topic 1). Additional prerequisite: Upper-division standing and six semester hours of lower-division coursework in government. same as GOV 335M (TOPIC 12).

• 41910	MW	100 - 230P	BEN 1.122	BUDZISZEWSKI, J

PHL 344K INTERMEDIATE SYMBOLIC LOGIC
A second-semester course in symbolic logic: formal syntax and semantics, basic metatheory (soundness, completeness, compactness, and Loewenheim-Skolem theorems), and further topics in logic. Prerequisite: Philosophy 313, 313K, or 313Q. same as M 344K.

• 41915	TTH	330 - 500P	WAG 308	KAMP, J

PHL 346K AESTHETICS
The nature and purpose of art and the aesthetic experience. Philosophy 346 and 346K may not both be counted.

• 41925	MWF	1200 - 100P	WAG 302	LEON, J

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.

• 41930	TTH	1100 - 1200	WAG 201	SMITH, T
	W	1200 - 100P	WAG 210	
• 41935	TTH	1100 - 1200	WAG 201	SMITH, T
	W	100 - 200P	WAG 210	
• 41940	TTH	1100 - 1200	WAG 201	SMITH, T
	W	200 - 300P	WAG 210	

PHL 354 MISTRANSLATING LATINOS
Course number may be repeated for credit when the topics vary. Focuses on philosophical thinkers and works with attention to their historical or religious context. Prerequisite: Upper-division standing. meets with MAS 363C, LIN 373.

• 41945	TTH	1100 - 1230P	GWB 1.130	COLOMINA-ALMINANA

5-ORIGINS OF LIBERALISM
Course number may be repeated for credit when the topics vary. Focuses on philosophical thinkers and works with attention to their historical or religious context. Only one of the following may be counted: Core Texts and Ideas 335 (Topic: Origins of Liberalism), 335 (Topic 4), European Studies 346 (Topic: Origins of Liberalism), Philosophy 354 (Topic: Origins of Liberalism), 354 (Topic 5). Prerequisite: Upper-division standing. Additional prerequisite: Upper-division standing. same as CTI 335 (TOPIC 4).

• 41950	TTH	1100 - 1230P	WAG 308	MARTINICH, A

PHL 365 HEALTH AND JUSTICE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 41955	MW	230 - 400P	BUR 116	SMITH, N

ORGANIZATIONAL ETHICS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 41960	MWF	1200 - 100P	WAG 308	BONEVAC, D

PHL 366K EXISTENTIALISM
Existentialism and its relationship to literature, psychoanalysis, and Marxism.

• 41965	TTH	330 - 430P	WAG 201	HIGGINS, K
	W	1000 - 1100	JES A207A	
• 41970	TTH	330 - 430P	WAG 201	HIGGINS, K
	W	1100 - 1200	JES A203A	
• 41975	TTH	330 - 430P	WAG 201	HIGGINS, K
	W	1200 - 100P	JES A215A	

PHL 375M IS MEANING INTELLIGIBLE
Course number may be repeated for credit when the topics vary. Prerequisite: Nine semester hours of coursework in philosophy.

• 41980	TTH	200 - 330P	WAG 210	JUHL, C

PHILOSOPHY OF EMOTIONS
Course number may be repeated for credit when the topics vary. Prerequisite: Nine semester hours of coursework in philosophy.

• 41985	TTH	330 - 500P	WAG 210	DEIGH, J

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.

• 41990

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 be completed during the second semester. Prerequisite: For 679HA, admission to the Philosophy Honors Program; for679HB, Philosophy 679HA.

• 41995

PHL 379K CONFERENCE COURSE
Hour(s) to be arranged. 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.

• 42000

PHL 381 SOCRATES
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.

• 42005	W	300 - 600P	WAG 310	EVANS, M

PHL 382 BRENTANO AND HUSSERL
Course number may be repeated for credit when the topics vary. Past topics include basic issues in metaphysics; particulars and universals; identity and individuation; realism and antirealism; mind-body issues. Prerequisite: Graduate standing and consent of the graduate adviser.

• 42010	M	1200 - 300P	WAG 310	MONTAGUE, M

PERCEPTN/ EVOLUTN CONSCIOUSNSS
Course number may be repeated for credit when the topics vary. Past topics include basic issues in metaphysics; particulars and universals; identity and individuation; realism and antirealism; mind-body issues. Prerequisite: Graduate standing and consent of the graduate adviser.

• 42015	TH	130 - 430P	WAG 316	TYE, M

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THE SELF
Course number may be repeated for credit when the topics vary. Past topics include basic issues in metaphysics; particulars and universals; identity and individuation; realism and antirealism; mind-body issues. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42020 TH 430 - 730P WAG 310 STRAWSON, G

PHL 387 AQUINAS: TREATISE ON LAW
Course number may be repeated for credit when the topics vary. Past topics include contemporary ethical theory; theories of justice; philosophy of law; social contract theories; political philosophy. Prerequisite: Graduate standing and consent of the graduate adviser. meets with GOV 382M, LAW 397S.
• 42022 M 1000 - 100P JES A215A BUDZISZEWSKI, J

MORAL CONC/MORAL DISAGREEM
Course number may be repeated for credit when the topics vary. Past topics include contemporary ethical theory; theories of justice; philosophy of law; social contract theories; political philosophy. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42025 T 400 - 700P WAG 310 DOGRAMACI, S

TOPICS IN PRACTICAL PHILOS
Course number may be repeated for credit when the topics vary. Past topics include contemporary ethical theory; theories of justice; philosophy of law; social contract theories; political philosophy. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42030 T 1230 - 330P WAG 310 DANCY, J

PHL 188 CONFERENCE COURSE
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.
• 42035

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.
• 42040

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.
• 42045

PHL 389 CORE LOGIC
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Rigorous definitions of syntax and semantics. Proofs of soundness and completeness of sentential and predicate logics; other topics in metatheory. May include extensions of and alternatives to classical logic. Philosophical significance of logic and metalogical results. Prerequisite: Graduate standing and consent of the graduate adviser.
• 42047 W 1200 - 300P WAG 310

PHL 391 LEXICAL SEMANTICS
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.
• 42050 W 1200 - 300P WAG 310 DEVER, J

SEMANTICS I
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. meets with LIN 380M.
• 42055 TTH 200 - 330P RLP 4.710 BEAVER, D

PHL 394K PHILOSOPHY OF LANGUAGE
Designed to accommodate 35 or fewer students. Only one of the following may be counted: Linguistics 393S (Topic: Philosophy of Language), 394K, Philosophy 391 (Topic: Philosophy of Language), 394K. Prerequisite: Graduate standing and consent of instructor. same as LIN 394K.
• 42060 M 300 - 600P WAG 310 BUCHANAN, L

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.
• 42065

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.
• 42070

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.
• 42075

PHL 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42080

PHL 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42085

PHL 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42090

PHL 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Philosophy 399R, 699R, or 999R.
• 42095

PHL 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Philosophy 399R, 699R, or 999R.
• 42100

PHL 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Philosophy 399R, 699R, or 999R.
• 42105

PLAN II HONORS PROGRAM

Social Science - S S
Tutorial Course - T C

S S 302C HON SOC SCI:METHODS/THEORY
Restricted to students registered under Plan II for the BA degree. 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.
• 42160 TTH 1100 - 1230P GDC 5.302 AIKEN, A
• 42165 MW 400 - 530P JGB 2.202 GREGG, B

S S 302D HON SOCIAL SCI: PSYCHOLOGY
Restricted to students registered under Plan II for the BA degree. An introduction to the study of the individual, society, or culture using the methods of the social science discipline of Psychology. Social Science 301 and 302D may not both be counted. Restricted to students in the Plan II Honors Program.
• 42170 TTH 930 - 1100 PHR 2.114 DOMJAN, W

S S 302E HON SOC SCI: ANTHROPOLOGY
Restricted to students registered under Plan II for the BA degree. An introduction to the study of the individual, society, or culture using the methods of the social science discipline of Anthropology. Social Science 301 and 302E may not both be counted. Restricted to students in the Plan II Honors Program.
• 42175 TTH 330 - 500P SAC 5.102 KEATING, E

T C 302 CULTIVATING RESILIENCE
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: Cultivating Resilience: Flourishing and Thriving in College and Beyond.
• 42230 TTH 1100 - 1230P CRD 007A SCHNYER, R

PATHWAYS TO CIVIC ENGAGEMENT
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.
• 42235 MW 930 - 1100 CRD 007B WALKER, E

PUNISHMENT IN LAW, POL, SOC
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, Un-

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dergraduate Studies 302, or 303. Restricted to first-year Plan II students. Topic title: Punishment in Law, Politics, and Society.
• 42240 WF 200 - 330P TNH 3.129 KLEIN, S

WHAT IS POWER?
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.
• 42245 MW 1230 - 200P CAL 419 CHARRAD, M

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. Topic title: Modes of reasoning: Scientific, medical and real-world problem solving.
• 42250 TTH 200 - 330P SEA 3.250 LEWIS, M

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. Class meets January 23, 30; February 6, 13, 27; March 13, 27; April 10, 17; and May 1.
• 42255 W 1030 - 1230P RLP 2.606 KOLASINSKI, J

T C 127 CIVIC VIEWPOINTS
Restricted to students registered under Plan II for the BA degree. Offered on the pass/fail basis only. May be repeated for credit. Explores civic engagement and innovative solutions for societal justice. Restricted to students in the Plan II Honors Program. Class meets January 28; February 11, 25; March 4, 25; April 1, 15, 29; and May 6.
• 42260 M 500 - 700P WALKER, E

T C 330 HEALTHCARE 21ST CEN PRACTICUM
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 21st Century Practicum.
• 42265 TTH 200 - 330P CRD 007A BARNETT, C

T C 358 APOCALYPTIC 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.
• 42270 TTH 330 - 500P CRD 007B WILKS, J

COPENHAGEN - CITY OF 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.
• 42275 MWF 100 - 200P CRD 007A CORTSEN, R

DEBATING THE PARTHENON
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: Debating the Parthenon: Preservation, restoration, and cultural politics of a world icon in the past and present.
• 42280 TTH 1230 - 200P CRD 007B PAPALEXANDROU, A

FREEDOM OF SPEECH
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: Freedom of speech: Historical development, philosophical foundations and legal implementation.
• 42285 TTH 930 - 1100 WAG 210 SMITH, T

HUMANITIES/HEALTHCARE/ADVOCACY
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.
• 42290 MW 330 - 500P CRD 007B SONNENBERG, S

IDEAS, AMERICAN 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: Ideas in American foreign policy.
• 42295 TTH 1230 - 200P CRD 007A O'NEAL, M

IMPACT OF GENOMICS ON SOC
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.
• 42300 TTH 1100 - 1230P CRD 007B JAYARAM, M

LAND USE ISS IN COSTA RICA-CRC
Hour(s) to be arranged. 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: Land use issues in rainforest conservation. Concurrent enrollment required in L A 119. Restricted to students in the Maymester Abroad Program; contact the Study Abroad Office for permission to register f or this class. Class meets May 30-June 30. Taught in various locations in Costa Rica. Students must consult with Study Abroad Program Coordinator as travel and orientation dates may be in addition to these dates.
• 42305 BUSKIRK, R

LOOKING: PERSPCTVS CONT ART
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. 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: Looking: Perspectives in contemporary art.
• 42310 TH 200 - 500P ART 4.206 WILLIAMS, J

MYTHS OF WAR AND VIOLENCE
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.
• 42315 TTH 330 - 500P CRD 007A PALAIMA, T

TECH CHANGE/ FINANC CRISIS
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: Technical change and financial crisis. meets with LAH 350 (TOPIC 3).
• 42320 W 300 - 600P CRD 007A GALBRAITH, J

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.
• 42325 TTH 200 - 330P CRD 007B 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.
• 42330 T 500 - 600P RLP 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.
• 42335 T 600 - 700P RLP 0.104

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.
• 42340 T 500 - 600P RLP 0.128

DEPARTMENT OF PSYCHOLOGY

Psychology - PSY

PSY 301 INTRODUCTION TO PSYCHOLOGY
Designed to accommodate 100 or more students. Basic problems and principles of human experience and behavior.
• 42395 MWF 1100 - 1200 BUR 106 DOMJAN, W

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.
• 42400 TTH 330 - 500P HARDEN, K

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.
• 42405 MWF 900 - 1000 SEA 2.108
• 42410 MWF 200 - 300P BUR 216 REEVES, L

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.
• 42415 MWF 100 - 200P BUR 212 REEVES, L

PSY 306 INTRO TO HUMAN SEXUALITY
Introduction to the science of sex and mating. Provides an overview of the psychological, biological, and social factors that contribute to sexual well-being and human sexual attraction. Psychology 306 and 346K may not both be counted.
• 42420 TTH 1230 - 200P BUR 220 BUSS, D

INTRO TO HUMAN SEXUALITY
Designed to accommodate 100 or more students. Introduction to the science of sex and mating. Provides an overview of the psychological, biological, and social factors that contribute to sexual well-being and human sexual attraction. Psychology 306 and 346K may not both be counted. 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.
• 42425 TTH 330 - 500P BUSS, D

PSY 309 PERSONALITY
Research and theory concerning personality structure, dynamics, development, and assessment. Prerequisite: Psychology 301 with a grade of at least C.
• 42430 MWF 100 - 200P BUR 112 EVANS, J

PSY 418 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).
• 42435 MWF 1000 - 1100 SEA 2.108 CARROLL, P
W 1100 - 100P SEA 2.114
• 42440 MWF 1000 - 1100 SEA 2.108 CARROLL, P
W 1100 - 100P SEA 2.122
• 42445 MWF 1100 - 1200 SEA 2.108 CARROLL, P
TH 1100 - 100P SEA 2.122
• 42450 MWF 1100 - 1200 SEA 2.108 CARROLL, P
TH 100 - 300P SEA 2.114
• 42455 TTH 1100 - 1230P CMA 3.114 MONFILS, M
TH 900 - 1100 SEA 2.114
• 42460 TTH 1100 - 1230P CMA 3.114 MONFILS, M
TH 900 - 1100 SEA 2.122
• 42465 TTH 1230 - 200P CPE 2.218 JOSEPHS, R
W 900 - 1100 SEA 2.114
• 42470 TTH 1230 - 200P CPE 2.218 JOSEPHS, R
W 900 - 1100 SEA 2.122
• 42475 TTH 1230 - 200P CPE 2.218 JOSEPHS, R
W 100 - 300P SEA 2.122
• 42480 TTH 1230 - 200P CPE 2.218 JOSEPHS, R
T 200 - 400P SEA 2.114
• 42485 MWF 200 - 300P SEA 2.108 EVANS, J
T 900 - 1100 SEA 2.114
• 42490 MWF 200 - 300P SEA 2.108 EVANS, J
T 900 - 1100 SEA 2.122
• 42495 TTH 200 - 330P SEA 2.108 CURLEY, J
F 900 - 1100 SEA 2.114
• 42500 TTH 200 - 330P SEA 2.108 CURLEY, J
F 900 - 1100 SEA 2.122

PSY 323 PERCEPTION
Theory and research in the ways we extract information from the environment. 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).
• 42505 MWF 900 - 1000 BUR 136 GORIS, R
• 42510 TTH 930 - 1100 BUR 116 GEISLER, W

PSY 326K PRINS OF CONDITION/LEARNING
Laws of animal and human learning, and the underlying mechanisms. 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).
• 42515 TTH 200 - 330P BUR 136 DOMJAN, M

PSY 332 BEHAVIORAL NEUROSCIENCE
Neuroscientific study of behavioral functions: fundamental structure andfunction of the human nervous system, sensory systems and perception, motor systems and behavior, motivation and learning, brain disorders and maladaptive behavior. 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).
• 42520 TTH 330 - 500P PHR 2.108 GONZALEZ-LIMA, F

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

Draft 1/2018

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.

- 42525 TTH 1100 - 1230P UTC 4.122 DE BARBARO, K
- 42530 MWF 1200 - 100P ETC 2.136 REPP, A

PSY 333F FANTASY AND REALITY

Examination of how children and adults decide what is real and what is not. Subjects include the fantasy-reality distinction, magical thinking,and religious cognition. Psychology 333F and 341K (Topic: Fantasy and Reality) 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).

- 42535 TTH 330 - 500P SEA 2.108 WOOLLEY, J

PSY 333M INFANT DEVELOPMENT

Examination of genetic and environmental determinants of social, perceptual, and cognitive development in infants from theoretical and research perspectives. 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).

- 42540 MWF 1000 - 1100 SEA 3.250 REEVES, L

PSY 333W MORAL DEVELOPMENT

An introduction to theory and research on morality. Subjects include culture and morality, Freudian and social learning perspectives on moraldevelopment, Kohlberg's theory of morality, challenge to Kohlberg's theory, and cognitive, familial, and emotional influence on morality. Psychology 333W and 341K (Topic: Moral Development) 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) .

- 42545 MWF 1100 - 1200 SEA 3.250 REPP, A

PSY 339 BEHAVIOR PROBLEMS OF CHILDREN

Adjustment difficulties during childhood and adolescence; causation and treatment. Only one of the following may be counted: Human Development and Family Sciences 342, Psychology 339. 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).

- 42550 TTH 1230 - 200P UTC 4.102 NEAL-BEEVERS, A

PSY 341K DEV OF ATTACHMENT RELATIONSHIP

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).

- 42555 MWF 200 - 300P BUR 208 REPP, A

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).

- 42560 M 500 - 800P CPE 2.212 MOYER-TRIMYER, R

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).

- 42565 MWF 1000 - 1100 ETC 2.132 EVANS, J

PSY 352 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).

- 42570 TTH 200 - 330P JES A121A BEEVERS, C

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).

- 42575 TTH 1230 - 200P BUR 224 GILDEN, D

PSY 355N COGNITIVE NEUROSCIENCE

Exploration of the link between the brain, mind, and behavior and cognitive neuroscience techniques. Psychology 341K (Topic: Cognitive Neuroscience) and 355N may not both becounted. 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).
• 42580 TTH 1230 - 200P SEA 2.108 PRESTON, A

PSY 357 UNDERGRADUATE RESEARCH
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. 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.
• 42585

PSY 458 EXPERIMENTAL PSYCHOLOGY
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.
• 42590 MWF 200 - 400P SEA 2.114 CARROLL, P

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.
• 42595

PSY 359H HONORS RESEARCH I
Designed to accommodate 35 or fewer students. 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.
• 42600 TH 200 - 500P SEA 4.242 HOLAHAN, 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). Taught online during scheduled times. Includes live-streaming video and requires real-time participation. Go to http://www.laits.utexas.edu/to wer/online/courses/ for additional information and to test your computer and internet connectivity.
• 42605

PSY 364M MENTAL ILLNESS AND THE BRAIN
Introduction to the brain dysfunction and cognitive impairment often associated with mental illness and how its recognition and assessment can be used to help with differential diagnosis, prognosis, and treatment planning. Psychology 341K (Topic: Mental Illness and the Brain) and 364M 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).
• 42610 W 400 - 700P SEA 2.108 HALEY, A

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).
• 42615 TTH 1100 - 1230P SEA 3.250 CARLSON, C
• 42620 MWF 1200 - 100P BUR 108 DOMJAN, W

PSY 373N NEUROBIOLOGY OF ATTENTION
Examination of behavioral and brain mechanisms of attention in humans and other animals. Psychology 341K (Topic: Neurobiology of Attention) and 373N may not bothbe 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).
• 42625 TTH 200 - 330P ETC 2.132 LEE, H

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.
• 42630 TTH 1100 - 1230P SEA 4.242 ECHOLS, C

PSY 380E VISION SYSTEMS
Introduction to the anatomy, physiology, and psychophysics of human vision from an information-processing and computational perspective. Neuroscience 380E and Psychology 380E may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with NEU 380E.
• 42635 TTH 1230 - 200P SEA 5.106 GEISLER, W

PSY 381D BRAIN CONNECTIVITY
Course number may be repeated for credit when the topics vary. Addresses the latest developments in the design, analysis, and interpretation of neuroimaging data. Prerequisite: Graduate standing and consent of instructor.
• 42640 M 100 - 400P SEA 2.210 HAYASAKA, S

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.
• 42645

PSY 383E AREA SMNR IN COGN NEUROSCIENCE
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Current issues in cognitive neuroscience. Prerequisite: Graduate standing.
• 42650 F 1200 - 100P SEA 3.250 LEWIS-PEACOCK, J

PSY 383T PRINS SENSORY & BEHAV NEUROSCI
A proseminar covering the core material on essential topics in sensory and behavioral neuroscience. Neuroscience 383T and Psychology 383T may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 42655 TTH 930 - 1100 SEA 4.242 DELVILLE, Y

PSY 384C BOOTSTRAP STATISTICS
An introduction to modern methods of statistical analysis based on numerical computer simulation. Covers a range of common data analysis situations drawn mainly from the fields of neuroscience and experimental psychology. Techniques include point estimation, two-group and multiple group experiments, regression and curve fitting, and Bayesian analysis. Only one of the following may be counted: Neuroscience 384C, 385L (Topic: Bootstrap Statistics), Psychology 384C, 394U (Topic: Bootstrap Statistics). Prerequisite: Graduate standing, an undergraduate statistics course, and consent of instructor. same as NEU 384C. also meets with SDS 384.
• 42660 TTH 930 - 1100 SEA 2.116 CORMACK, L

PSY 184E AREA SEMINAR IN CLIN PSY
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Graduate standing.
• 42665 M 1200 - 100P SEA 3.250 CARLSON, C

PSY 384S ADV APPLIED STATISTICS II
Coverage of advanced statistical techniques useful in the social sciences and beyond. Specific areas of focus include semi-parametric regression, categorical data modeling, resampling and permutation techniques, monte carlo simulation, time-to-event analysis, and structural equations modeling. Psychology 384S and 394T (Topic: Advanced Applied Statistics II) may notboth be counted. Prerequisite: Graduate standing and consent of instructor.
• 42670 W 900 - 1200 SEA 2.116 HIXON, J

PSY 385E AREA SMNR IN DEV PSYCHOLOGY
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. Current issues in developmental psychology. Prerequisite: Graduate standing.
• 42675 M 1200 - 100P SEA 1.332 YEAGER, D

course	unique	days	time	room	instructor

PSY 388D INDIVIDUAL DIFFERENCES PSYCH
Person-to-person differences in cognitive abilities and personality, with emphases on genetic and environmental influences, developmental processes, and relations to real world outcomes. A core course option. Prerequisite: Graduate standing and consent of instructor.
• 42680 W 900 - 1200 SEA 4.242 TUCKER-DROB, E

PSY 388E AREA SMNR IN SOCIAL PSYCHOLOGY
Offered on the credit/no credit basis only. May be repeated for credit. Current issues in social and personality psychology. Prerequisite: Graduate standing.
• 42685 W 400 - 700P SEA 1.332

PSY 389K THEORY & TECH OF ASSESSMENT I
Introduction to intelligence and personality testing procedures, test interpretation, and ethical issues pertaining to clinical interviewing and testing. Includes instruction and feedback on clinical report writing. Prerequisite: Graduate standing and consent of instructor received prior to registering.
• 42690 W 100 - 400P SEA 1.332

PSY 389L THEORY/TECH OF ASSESSMENT II
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Clinical interviewing with adults and children. Observation and feedbackfor test administration and clinical skills. Prerequisite: Graduate standing, Psychology 389K, and consent of instructor.
• 42695 M 100 - 400P SEA 1.332

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.
• 42700

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.
• 42705

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.
• 42710

PSY 391N LEARNING AND MEMORY
Presentation of contemporary approaches to the study of conditioning and learning at the behavioral level. Focuses on empirical data and theoretical analysis of acquisition and performance in Pavlovian and instrumental conditioning. Includes discussion of habituation, sensitization, stimulus control, and other paradigms for studying cognitive processes in nonverbal organisms. Prerequisite: Graduate standing. same as NEU 391N.
• 42715 TTH 1100 - 1230P SEA 1.332 DOMJAN, M

PSY 393K CLINICAL PRACTICUM II
Additional hour(s) to be arranged. Continuation of supervised practical experience in the use of clinical techniques. Prerequisite: Graduate standing, Psychology 393, and consent of instructor.
• 42720 W 100 - 400P SEA 5.106 LOPEZ, M

PSY 394P ADV IN NEU PLASTICITY/BEHAV
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with NEU 394P.
• 42725 F 400 - 700P SEA 3.250 JONES, T

NEUROINFLAMMATION IN HLTH/PATH
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. Topic description: This course explores what happens when a damaging event triggers unconstrained neuroinflammation, including connections to mental disorders and neurologic diseases and injuries. meets with NEU 394P.
• 42727 M 900 - 1200 SEA 4.242 GAUDET, A

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).
• 42730 W 300 - 600P SEA 4.244 LEE, H

3-NEUROBIOL OF LEARNING/MEMORY
Course number may be repeated for credit when the topics vary. Neuroanatomical systems that are functionally related to basic forms of learning and memory in mammals. Neuroscience 394P (Topic 3: Neurobiology of Learning and Memory) and Psychology 394P (Topic 3) may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with NEU 394P (TOPIC 3).
• 42735 F 100 - 400P SEA 3.250 GONZALEZ-LIMA, F

PSY 394Q 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.
• 42740

20-DIVERSITY ISS IN RSCH/PRAC
Course number may be repeated for credit when the topics vary. Methodological considerations involved in designing research projects, and clinical assessment and treatment concerns that arise when working with diverse populations. Prerequisite: Graduate standing and consent of instructor.
• 42745 TH 100 - 400P SEA 5.106 LOPEZ, M

PSY 394S STUDYING THE GROWING BRAIN
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. Topic description: This course will explore recent findings in the field of developmental cognitive neuroscience including cutting edge neuroimaging techniques used to explore child cognition.
• 42747 M 900 - 1200 SEA 2.224 CHURCH-LANG, J

PSY 394T LINEAR MODELS: REGRSSION ANOVA
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 42750 TTH 1100 - 1230P SEA 2.114 HIXON, J

PSY 394U DATA ANALYTICS WITH PYTHON
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 42755 TTH 200 - 330P SEA 2.116 HAYASAKA, S

PSY 394V PROSEM PROF DEV ACAD PSYCH
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 42760 T 200 - 500P SEA 5.106 BEER, J

THEORY, EXPLANATION IN SOC PSY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 42765 M 100 - 400P SEA 5.106 GAWRONSKI, B

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.
• 42770

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.
• 42775

PSY 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42780

PSY 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42785

PSY 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 42790

PSY 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Psychology 399R, 699R, or 999R.
• 42795

PSY 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Psychology 399R, 699R, or 999R.
• 42800

PSY 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Psychology 399R, 699R, or 999R.
• 42805

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. also meets with CTI 310.
• 42860 MWF 1000 - 1100 UTC 3.102 BRERETON, J

R S 304 JUDAISM, CHRISTIANITY, ISLAM
Examines the intertwined historical development of the religions of Judaism, Christianity, and Islam, and explores the principal beliefs and practices of Jews, Christians, and

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Muslims. same as HIS 304R, ISL 311 (TOPIC 2), J S 311 (TOPIC 2). also meets with CTI 304.
• 42865 TTH 1230 - 200P WAG 101 SMITH, G

R S 305 INTRO TO PHILOS OF RELIGION
A critical examination of various conceptions of God and of the relationship of the human and the divine. Only one of the following may be counted: Core Texts and Ideas 310 (Topic: Introduction to the Philosophy of Religion), 310 (Topic 3), Philosophy 305, Religious Studies 305. same as CTI 310 (TOPIC 3), PHL 305.
• 42870 TTH 200 - 330P WAG 214 MARTINICH, A

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.
• 42875 MWF 1000 - 1100 CMA 2.306 LANDAU, B

R S 312C INTRODUCTION TO BUDDHISM
A structural and historical overview of Buddhism through the examination of various schools, doctrines, biographical narratives, and contemporary ethical issues. Only one of the following may be counted: Asian Studies 301M (Topic 11), Religious Studies 312 (Topic: Introduction to Buddhism), 312C. same as ANS 301M (TOPIC 11).
• 42880 TTH 930 - 1100 UTC 1.132 FREIBERGER, O

R S 313 INTRO TO JEWISH LATIN AMERICA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with J S 311, ANT 310L, LAS 315.
• 42885 TTH 1100 - 1230P GDC 2.410 WEINREB, A

R S 313N JEWISH CIV: 1492 TO PRESENT
Subjects may include trends toward secularization, the emancipation of European Jewry, the emergence of American Jewry, the Holocaust, the establishment of the State of Israel, and the Arab-Israeli conflict. Only one of the following may be counted: European Studies 306 (Topic: Jewish Civilization: 1492 to the Present), 306 (Topic 4), History 306N (Topic 11), Jewish Studies 304N, 311 (Topic: Jewish Civilization: 1492 to the Present), Religious Studies 313 (Topic: Jewish Civilization: 1492to the Present), 313N. same as EUS 306 (TOPIC 4), HIS 306N (TOPIC 11), J S 304N.
• 42890 TTH 930 - 1100 GAR 1.126 BODIAN, M

R S 315 LUTHER'S WORLD
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with HIS 306N, GSD 310, EUS 306.
• 42895 TTH 1230 - 200P GEA 114 HESS, P

MEDIEVAL MATERIAL CULTURE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with HIS 306N, AHC 310.
• 42900 MW 400 - 530P PAR 203 KAUFMAN, C

TOPICS IN CHRISTIAN HISTORY
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 42905 MWF 1200 - 100P BIO 301

1-THE BIBLE & ITS INTERPRETERS
Designed to accommodate 35 or fewer students. 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).
• 42910 MWF 1100 - 1200 WAG 208 LEACH, N
• 42915 MWF 1200 - 100P RLP 1.108 KING, B
• 42920 TTH 1230 - 200P GAR 0.128 YOO, P
• 42925 MWF 100 - 200P GAR 2.128 WILSON-WRIGHT, A

R S 316K 2-AMER JEWS: THE YIDDISH EXP
Course number may be repeated for credit when the topics vary. Focuses on over a century of Yiddish-based contributions to American literature, music, and film, including works by Isaac Bashevis Singer, Michael Chabon, Woody Allen, and the Marx Brothers. Only one of the following may be counted: American Studies 315 (Topic: Jews in America: The Yiddish Experience), 315 (Topic 4), 315 (Topic 6); German, Scandinavian, and Dutch Studies 310 (Topic: Jews in America: The Yiddish Experience), 310 (Topic 1); Jewish Studies 311 (Topic: Jews in America: The Yiddish Experience), 311 (Topic 6), 311 (Topic 9); Religious Studies 313 (Topic: Jews in America: The Yiddish Experience), 313 (Topic 1), 316K (Topic 2). Prerequisite: Varies with the topic. same as AMS 315 (TOPIC 6), GSD 310 (TOPIC 1), J S 311 (TOPIC 9).
• 42930 TTH 200 - 330P GOTTESMAN, Y

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).
• 42935 MWF 900 - 1000 RLP 0.126 GRABER, J

R S 318 THE RISE OF CHRISTIANITY
Designed to accommodate 100 or more students. Introduction to the origins and development of Christianity. same as C C 318. also meets with CTI 310, J S 311 (TOPIC 3).
• 42940 MWF 1100 - 1200 BUR 212 WHITE, L

R S 325G THE QUR'AN
The history, language, style, and themes of the Qur'an. Only one of the following may be counted: Comparative Literature 323 (Topic: The Qur'an), 323 (Topic 37), Core Texts and Ideas 375 (Topic: The Qur'an), Core Texts and Ideas 375 (Topic 1), Islamic Studies 340 (Topic 2), Middle Eastern Languages and Cultures 321 (Topic 9), Middle Eastern Studies 342 (Topic 16), Religious Studies 325G, Women's and Gender Studies 340 (Topic: The Qur'an), 340 (Topic 54). Prerequisite: Upper-division standing. same as C L 323 (TOPIC 37), CTI 375 (TOPIC 1), ISL 340 (TOPIC 2), MEL 321 (TOPIC 9), MES 342 (TOPIC 16), WGS 340 (TOPIC 54).
• 42945 TTH 1230 - 200P PAR 1 AZAM, H

R S 346 AFRICAN AMERICAN RELIGIONS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with AFR 374D.
• 42950 MW 1000 - 1130 PAR 306 SEALES, C

VIEWS OF ISLAM IN THE US
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ISL 372, AMS 327.
• 42955 TTH 1100 - 1230P MEZ 1.204 HILLMANN, M

R S 346D NATIVE AMERICAN RELIGIONS
Examination of religious developments in Native American communities from the pre-colonial period through the present day. Focus on the changing forms of ritual practice and the relationship between religion and community life. Only one of the following may be counted: American Studies 327 (Topic: Native American Religion), Religious Studies 346 (Topic: Native AmericanReligion), 346D. Prerequisite: Upper-division standing. meets with AMS 327.
• 42960 MW 100 - 230P CMA 5.190 GRABER, J

R S 352 ART IN THE HIMALAYAS
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 42965 TTH 1230 - 200P DFA 4.106 LEOSHKO, J

SHAMANISM & THE PRIMITIVE
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with ANT 324L, ANS 340, REE 345.
• 42970 MW 230 - 400P RLP 0.118 ROBERTS, J

R S 353D THE DEAD SEA SCROLLS
Only one of the following may be counted: Ancient History and Classical Civilization 330 (Topic: The Dead Sea Scrolls), 330 (Topic 1), History 364G (Topic 3), Jewish Studies 364 (Topic 4), Middle Eastern Languages and Cultures 321 (Topic 17), 342 (Topic 23), Religious Studies 353D. Prerequisite: Upper-division standing. same as AHC 330 (TOPIC 1), HIS 364G (TOPIC 3), J S 364 (TOPIC 4), MEL 321 (TOPIC 17), MES 342 (TOPIC 23). also meets with CTI 375.
• 42975 MWF 100 - 200P RLP 1.106 KAPLAN, J

R S 357 RUS ORTHODOX RELIGION/CULTR
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with REE 325.
• 42980 MWF 1000 - 1100 GAR 2.128 ROBERTS, J

7-NORTH RENAIS ART 1350-1500
Course number may be repeated for credit when the topics vary. Northern European art from the International Style to van Eyck and Hieronymus Bosch. Only one of the following may be counted: Art History 332K, European Studies 347 (Topic: Northern Renaissance Art, 1350-1500), 347 (Topic 27), Religious Studies 357 (Topic: Northern Renaissance Art, 1350-1500), 357 (Topic 7). Prerequisite: Varies with the topic. same as ARH 332K, EUS 347 (TOPIC 27).
• 42985 TTH 930 - 1100 DFA 2.204 SMITH, J

12-HERETICS & FREEDOM FIGHTERS
Course number may be repeated for credit when the topics vary. Explores the theologies, politics, and personal identities that emerged and passed away in this era. Only one of the following may be counted: Czech 324 (Topic: Heretics andFreedom Fighters, 1350-1650), 324 (Topic 4), European Studies 346 (Topic: Heretics and Freedom Fighters, 1350-1650), 346 (Topic 8), Germanic Civilization 327E (Topic: Heretics and Freedom Fighters, 1350-1650), German, Scandinavian, and Dutch Studies 360 (Topic 3), History 362G (Topic: Heretics and Freedom Fighters, 1350-1650), 362G (Topic 12), Religious Studies 357 (Topic: Heretics and Freedom Fighters,1350-1650), 357 (Topic 12), Russian, East European, and Eurasian Studies325 (Topic: Heretics and Freedom Fighters, 1350-1650), 325 (Topic 28). Prerequisite: Varies with the topic. same as EUS 346 (TOPIC 8), GSD 360 (TOPIC 3), HIS 362G (TOPIC 12).
• 42990 TTH 200 - 330P BUR 228 ROBERTS, J

14-GOTHIC CATHEDRAL: AMIENS
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. An examination of the cathedral at Amiens, its meaning, structure, political and financial contexts, and sculptural programs, as well as its influence on other buildings in France and Germany. Only one of the following may be counted: Art History 330J, 374 (Topic: Gothic Cathedral: Amiens), European Studies 347 (Topic: Gothic Cathedral: Amiens), 347 (Topic 30), Religious Studies 357 (Topic: Gothic Cathedral: Amiens), 357 (Topic 14). Prerequisite: Varies with the topic. same as ARH 330J, EUS 347 (TOPIC 30).
• 42995 TTH 930 - 1100 DFA 2.506 HOLLADAY, J

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course	unique	days	time	room	instructor

R S 358 ORIGINS OF MONOTHEISM
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MES 343.
• 43000 MW 1000 - 1130 MEZ 1.120 WELLS, B

22-ISLM EARLY MOD WRLD RLG/CUL
Course number may be repeated for credit when the topics vary. A history of the religious and cultural developments across the Islamic world between the thirteenth and eighteenth centuries, stemming from therise of the Mongols and the end of the caliphate. Explores the early modern Muslim empires of the Ottomans, Safavids, and the Mughals. Only one of the following may be counted: History 364G (Topic: Islam Early Mod World:Rel/Cult), Islamic Studies 372 (Topic: Islam Early Mod World:Rel/Cult), Middle Eastern Studies 343 (Topic: Islam Early Mod World:Rel/Cult), Religious Studies 358 (Topic: Islam Early Mod World:Rel/Cult), 358 (Topic 22). Prerequisite: Varies with the topic. Additional prerequisite: Upper-division standing. meets with MES 343, ISL 372.
• 43005 TTH 1100 - 1230P GAR 2.128 MOIN, A

R S 360 1-JESUS, AFRICA, AND HISTORY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Exploration of the history of Christianity in Africa, from antiquity to the present, including the ways in which African interpretations and religious expressions of Christianity are presented in this history. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: Jesus, Africa, and History), 372G (Topic 34), Religious Studies 360 (Topic: Jesus, Africa, and History), 360 (Topic 1). same as AFR 372G (TOPIC 34).
• 43010 TTH 1230 - 200P PAR 101 CHERY, T

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.
• 43015

R S 365 TOPICS IN ANCIENT RELIGION
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.
• 43020 TTH 930 - 1100 CMA 5.190 SMITH, G

R S 368 1-CHURCH & STATE IN LAT AMER
Course number may be repeated for credit when the topics vary. History of Church-state relations and religious politics in modern Latin America, with emphasis on the nineteenth to early twentieth-century periods. Only one of the following may be counted: History 346W, 363K (Topic Church and State in Latin America), Latin American Studies 366 (Topic 21), Religious Studies 368 (Topic 1). Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as HIS 346W, LAS 366 (TOPIC 21).
• 43025 MWF 900 - 1000 GAR 1.126 BUTLER, M

R S 373 RELIGIONS IN CONTACT
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. meets with ANS 340.
• 43030 TTH 1230 - 200P MEZ 2.118 FREIBERGER, O

R S 373L SCIENCE/MAGIC/RELIGION
Historical and cross-cultural overview of the constructed concepts of magic, science, and religion through comparative examinations of cultural contexts from the Islamic world, western Europe, the Caribbean, the U.S., and Mozambique. Only one of the following may be counted: African and African Diaspora Studies 372G (Topic: Science, Magic, and Religion), American Studies 327(Topic: Science, Magic, Religion), Anthropology 324L (Topic: Science, Magic, & Religion), 324C, Religious Studies 373 (Topic: Science, Magic, & Religion), 373 (Topic 6), 373L. Prerequisite: Upper-division standing. same as ANT 324C. also meets with AFR 372G, AMS 327.
• 43035 TTH 330 - 500P CMA 3.114 CROSSON, J

R S 375S RELIGIONS OF NO RELIGION
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. Religious Studies 373 and 375S may not both be counted unless the topics vary. Prerequisite: Upper-division standing and at least six semester hours of coursework in religious studies.
• 43040 TTH 500 - 630P BUR 228 CROSSON, J

R S 679HA 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 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.
• 43045

R S 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 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.
• 43050

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.
• 43055

R S 386C CHRISTIAN APOCRYPHA
Course number may be repeated for credit when the topics vary. Studies of key scholarly works in and critical approaches to the study of Christian origins in their historical, social, and cultural contexts. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43060 M 200 - 500P BUR 554 LANDAU, B

R S 386H BIBLICAL LAW
Course number may be repeated for credit when the topics vary. Advanced studies of critical issues in research on key areas of study in the Hebrew Bible and its environment. Prerequisite: Graduate standing and consent of the graduate adviser. meets with MEL 383.
• 43065 M 300 - 600P CAL 422 WELLS, B

R S 386M ANC MED REL: ACHAIA/MACEDON
Course number may be repeated for credit when the topics vary. Studies of key scholarly works in and critical approaches to the study of ancient Mediterranean religions in their historical, cultural, and archaeological contexts. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43070 T 200 - 500P BUR 554 FRIESEN, S

R S 390T ISLAM/NATION STATE/MID EAST
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 385, GOV 390L.
• 43075 W 300 - 600P CAL 422 AGBARIA, A

SAINTS' LIVES AS HIST SOURCES
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 MDV 392M, HIS 397L, WGS 393.
• 43080 T 930 - 1230P GAR 1.122 FRAZIER, A

R S 392T NEW APPROACHES: ATLNTC WRLDS
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 the Americas. Prerequisite: Graduate standing and consent of the graduate adviser. meets with LAS 386, HIS 383M, AFR 381.
• 43085 M 1200 - 300P GAR 1.122 CANIZARES, J

REVOLUTION AND RELIGION
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 the Americas. Prerequisite: Graduate standing and consent of the graduate adviser. meets with HIS 386L, LAS 386.
• 43086 W 900 - 1200 SRH 1.313 BURNETT, V

R S 394T BODY IN INDIAN MEDICINE & MYTH
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 Asia. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ANS 384 (TOPIC 8).
• 43087 M 500 - 800P WCH 4.118 SELBY, M

HINDUISM
Course number may be repeated for credit when the topics vary. Advanced treatment of selected problems, topics, or themes concerning religion in Asia. Prerequisite: Graduate standing and consent of the graduate adviser. meets with ANS 384.
• 43090 T 200 - 500P GAR 0.120 DAVIS, D

INTEL HIST OF INDO-IRAN ISLAM
Course number may be repeated for credit when the topics vary. Advanced treatment of selected problems, topics, or themes concerning religion in Asia. Prerequisite: Graduate standing and consent of the graduate adviser. meets with MES 381 (TOPIC 37), HIS 388K (TOPIC 2), ANS 390 (TOPIC 6).
• 43095 T 200 - 500P CAL 419 MOIN, A

R S 696E 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.
• 43100

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.
• 43105

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.
• 43110

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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.
• 43115

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.
• 43120

R S 398T SUPV TEACHING IN RELIG STUDIES
Offered on the credit/no credit basis only. Weekly group meetings with the supervising instructor, individual consultations, and reports. Prerequisite: Graduate standing and consent of the graduate adviser.
• 43125 W 200 - 500P BUR 554 WHITE, L

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.
• 43130

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.
• 43135

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.
• 43140

R S 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Religious Studies 399R, 699R, or 999R.
• 43145

R S 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Religious Studies 399R, 699R, or 999R.
• 43150

R S 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Religious Studies 399R, 699R, or 999R.
• 43155

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).
• 43210 MWF 1000 - 1100 GAR 3.116
• 43215 MWF 1100 - 1200 PAR 308

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).
• 43220 TTH 800 - 930 MEZ 1.102
• 43225 MWF 900 - 1000 PAR 304
• 43230 TTH 930 - 1100 FAC 9
• 43235 TTH 930 - 1100 JES A216A
• 43240 MW 1000 - 1130 FAC 9
• 43245 MW 1000 - 1130 PAR 104
• 43250 MWF 1000 - 1100 MEZ 1.102
• 43255 TTH 1100 - 1230P MEZ 1.212
• 43260 TTH 1100 - 1230P PAR 208
• 43265 MWF 1200 - 100P PAR 206
• 43270 MWF 1200 - 100P PAR 208
• 43275 TTH 1230 - 200P FAC 10
• 43280 TTH 1230 - 200P RLP 1.108
• 43285 MW 100 - 230P FAC 10
• 43290 MW 100 - 230P PAR 6
• 43295 MWF 100 - 200P MEZ 1.212
• 43300 TTH 200 - 330P FAC 10
• 43305 TTH 200 - 330P PAR 306
• 43310 MW 400 - 530P PAR 208
• 43315 TTH 500 - 630P PAR 204

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).
• 43317 TTH 1100 - 1230P FAC 10 SMITH, D

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.
• 43320 TTH 930 - 1100 JES A209A
• 43325 TTH 1100 - 1230P PAR 103
• 43330 TTH 200 - 330P JES A215A

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.
• 43335 MWF 900 - 1000 PAR 303
• 43340 TTH 930 - 1100 PAR 101
• 43345 MWF 1000 - 1100 JES A209A
• 43350 MWF 1100 - 1200 PAR 208
• 43355 TTH 1100 - 1230P FAC 7
• 43360 MW 1130 - 100P FAC 9
• 43365 TTH 1230 - 200P PAR 304
• 43370 MWF 100 - 200P MEZ 1.216
• 43375 TTH 200 - 330P FAC 9
• 43380 MW 230 - 400P FAC 7
• 43385 TTH 330 - 500P FAC 7
• 43390 TTH 330 - 500P PAR 208

RHE 309S CRIT READ/PERSUASIVE WRIT-HON
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 students in the Plan I Honors Program.
• 43395 MWF 900 - 1000 RLP 1.102 GARNER, J

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 Sciences students in the Dean's Scholars Program.
• 43400 TTH 930 - 1100 PAR 103 BUCKLEY, T

RHE 312 WRITING IN DIGTL ENVIRONMENTS
Designed to accommodate 35 or fewer students. A writing course focused on using, interpreting, and analyzing traditional and emerging technologies. Taught using networked computers. Prerequisite: Rhetoric and Writing 306.
• 43405 TTH 1230 - 200P PAR 104 TUTTLE, A

RHE 315 INTRO TO VISUAL RHETORIC
A writing course designed to teach students to analyze and produce visual and nonverbal forms of rhetoric. Prerequisite: Rhetoric and Writing 306.
• 43410 TTH 1100 - 1230P FAC 9 GOAD, R

RHE 321 PRINCIPLES OF RHETORIC
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.
• 43415 MW 100 - 230P FAC 7 CHARNEY, D

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.
• 43420 MWF 1100 - 1200 PAR 204 SMITH, D
• 43425 TTH 500 - 630P PAR 101 FERREIRA-BUCKLEY

RHE 328 TECH COMM & WICKED PROBLEMS
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.
• 43430 MW 1130 - 100P 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.
• 43435 W 500 - 800P PAR 101 BUCKLEY, T

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4-WRITING FOR ENTREPRENEURS
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. Studies the genres and rhetorical strategies that entrepreneurs use to persuade stakeholders, including heuristics for developing business models, market reports, and pitches. Rhetoric and Writing 328 (Topic: Writing for Entrepreneurs) and 328 (Topic 4) 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.
• 43440 TTH 930 - 1100 PAR 208 SPINUZZI, C

RHE 330C ACCESS DESIGNED
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.
• 43445 TTH 200 - 330P PAR 104 BOYLE, C

INFORMATION DESIGN
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.
• 43447 MW 230 - 400P PAR 104 SACKEY, D

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.
• 43450 MW 100 - 230P PAR 104 SACKEY, D

2-DESIGNING TEXT ECOLOGIES
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. Explores the function and interaction of texts in the workplace. Emphasis on research, analysis, and design of the strategic, tactical, and operational aspects of texts. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.
• 43455 TTH 1100 - 1230P PAR 6 SPINUZZI, C

RHE 330D CICERO, RHET & ANCIENT ROME
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.
• 43460 TTH 1230 - 200P PAR 308 LONGAKER, M

WOMEN'S RHET TRADITIONS
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.
• 43465 TTH 330 - 500P PAR 103 FERREIRA-BUCKLEY

10-ARGUING WITH LIBERALS
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. A survey of liberal political theory from the late seventeenth through the twentieth centuries with special attention to theories and practicesof public argumentation. Rhetoric and Writing 330D (Topic: Arguing with Liberals) and 330D (Topic10) 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.
• 43470 TTH 200 - 330P PAR 308 LONGAKER, M

RHE 330E PEACEMAKING RHETORIC
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.
• 43475 MWF 1200 - 100P PAR 308 DIAB, R

PERSUASION BIBLE TIME/PLACE
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. meets with MES 342, J S 363.
• 43480 MW 400 - 530P PAR 103 CHARNEY, D

RHETORIC AND THE LAW
Designed to accommodate 35 or fewer students. 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.
• 43485 TTH 1230 - 200P FAC 7 HILL, A

6-NONARGUMNTATV RHET IN ZEN
Course number may be repeated for credit when the topics vary. An advanced examination of rhetorical theories and their applications. Exploration of unconventional uses of language including contradiction, negation, story, surprise, gesture, and silence are used in Zen training as resources for transformational change. Rhetoric and Writing 330E (Topic: Nonargumentative Rhetoric in Zen) and 330E (Topic 6) 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.
• 43490 TTH 930 - 1100 PAR 104 PIEKARSKI, K

RHE 360M RHET/WRIT FOR TEACHERS OF ENG
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. An advanced course that examines theories of writing and writing pedagogy. Designed for students seeking a secondary school teaching certificate orthose in the UTeach-Liberal Arts program. Prerequisite: Upper-division standing and one of the following: English 303C, Rhetoric and Writing 306, 306Q, or Tutorial Course 303C.
• 43495 TTH 800 - 930 PAR 103 BUCKLEY, T

RHE 366 INTERNSHIP IN RHETORIC & WRIT
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.
• 43500

RHE 367R CONF CRS IN RHETORIC/WRITING
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.
• 43505

RHE 368C WRITING CENTER INTERNSHIP
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Intensive reading, writing, and discussion in writing center theory and philosophy, tutoring methods, and writing pedagogy, as well as a review of standard American English usage and mechanics; followed by a supervised apprenticeship as a peer consultant in the Undergraduate Writing Center. 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 instructor.
• 43510 TTH 1100 - 1230P PCL 2.340 BATT, A

RHE 679HB HONORS TUTORIAL COURSE
Hour(s) to be arranged. Designed to accommodate 35 or fewer students. 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.
• 43515

CENTER FOR RUSSIAN, EAST EUROPEAN, AND EURASIAN STUDIES

Russian, East European, and Eurasian Studies - REE

REE 301L INTRO TO RUSSIAN LITERATURE
Introduction to Russian literature of the modern period, from the late eighteenth century to the present. Explores a variety of genres, from fairy tales to the works of Pushkin, Gogol, Dostoevsky, Tolstoy, Chekhov, Bulgakov, and Pelevin. All reading and instruction is in English.
• 43570 TTH 1230 - 200P GEA 127 LIVERS, K

REE 302 CUISINE/CULTURE CENTRL/E EURO
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with EUS 307.
• 43575 TTH 200 - 330P BUR 130 HILCHEY, C

REE 325 PUNKS/DIVAS IN SE EUROPE
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 WGS 345, EUS 347.
• 43580 MW 230 - 400P SZB 330 BERONJA, V

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. meets with R S 357.
• 43585 MWF 1000 - 1100 GAR 2.128 ROBERTS, J

RUSSIAN FAIRYTALES
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.
• 43590 MW 1130 - 100P BUR 130 GARZA, T

REE 335 REVOLUTIONARY RUSSIA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with HIS 350L.
• 43595 T 330 - 630P MEZ 1.102 WYNN, C

2-GOVS/POLIT OF EASTERN EUROPE
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: European Studies 348 (Topic 1), Government 324J, Russian, East European, and Eurasian Studies 335 (Topic 2). Prerequisite: Varies with the top-

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ic. Additional prerequisite: Six semester hours of lower-division coursework in government. same as EUS 348 (TOPIC 1), GOV 324J.
• 43600 TTH 800 - 930 PAR 203 LIU, A

REE 345 SHAMANISM & THE PRIMITIVE
Course number may be repeated for credit when the topics vary. Fulfills the basic Russian, East European, and Eurasian studies requirement in sociology, geography, and anthropology. Prerequisite: Varies with the topic. meets with ANT 324L, ANS 340, R S 352.
• 43605 MW 230 - 400P RLP 0.118 ROBERTS, J

4-GEOG OF FORMER SOVIET UNION
Course number may be repeated for credit when the topics vary. A systematic introduction to cultural, physical, political, and economic geography of the former Soviet Union. Focus on the fundamental transformation that the former Socialist Union Republics, now sovereign states, have undergone since 1991. Fulfills the basic Russian, East European, and Eurasian studies requirement in sociology, geography, and anthropology. Prerequisite: Varies with the topic. Prerequisite: Upper-division standing. same as GRG 327.
• 43610 TTH 330 - 500P BUR 220 JORDAN, B

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 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.
• 43615

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.
• 43620

REE 386 SATIRE AND POLITICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 43625 M 300 - 600P RLP 0.108 LUTSYSHYNA, O

REE 387 GLOBAL CHALLNG: HIST/POLICY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 43630 W 900 - 1200 SRH 3.316 SURI, J

REE 388 POST-SOVIET GEOPOLITICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 43635 W 200 - 500P CAL 419 JORDAN, B

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.
• 43640

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.
• 43645

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.
• 43650

DEPARTMENT OF SLAVIC AND EURASIAN STUDIES

Czech - CZ
Polish - POL
Russian - RUS
Serbian/Croatian - S C
Slavic - SLA
Slavic and Eurasian Languages - SEL

CZ 507 FIRST-YEAR CZECH II
Emphasis on four-skills proficiency: listening, speaking, reading, and writing. Only one of the following may be counted: Czech 601C, 407, 507. Prerequisite: Czech 406 or 506.
• 43705 MTWTHF 1000 - 1100 GDC 2.402 HILCHEY, C

CZ 412L SECOND-YEAR CZECH II
Listening, speaking, reading, and writing at the advanced, second-year level. Czech 611C and 312L, 412L may not both be counted. Prerequisite: Czech 312K or 412K.
• 43710 MTWTH 1100 - 1200 RLP 0.124

CZ 328 FOURTH-YEAR CZECH II
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Czech 312L or 412L; additional prerequisites vary with the topic.
• 43715

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.
• 43720

POL 507 FIRST-YEAR POLISH II
Emphasis on four-skills proficiency. Polish 601C and 507 may not both be counted. Prerequisite: Polish 506.
• 43775 MW 200 - 300P JES A205A KAMINSKA, B
TTH 200 - 330P JES A205A

POL 312L SECOND-YEAR POLISH II
Emphasis on four-skills proficiency. Polish 611C and 312L may not both be counted. Prerequisite: Polish 312K.
• 43780 MW 1130 - 100P CMA 3.108 KAMINSKA, B

POL 326 THIRD-YEAR POLISH II
Hour(s) to be arranged. Continuation of Polish 325: Oral expression, reading, and composition. Polish 326 and Russian, East European, and Eurasian Studies 325 (Topic: Third-Year Polish II) may not both be counted. Prerequisite: Polish 325.
• 43785 KAMINSKA, B

RUS 406 FIRST-YEAR RUSSIAN I
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. 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 connectivity.
• 43840 W 900 - 1000 RICE, H

RUS 407 FIRST-YEAR RUSSIAN II
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, 407, 507. Prerequisite: Russian 406 or 506. Taught online during scheduled times. 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 connectivity.
• 43845 W 1000 - 1100 RICE, H

RUS 611C INTENSIVE RUSSIAN II
Continuing intensive development of proficiency in Russian, with a focuson speaking and the reading of authentic texts. Only one of the following may be counted: Russian 611C, 312L, 412L. Not open to native or heritage speakers of Russian. Prerequisite: Russian 601C or 507.
• 43850 MWF 1000 - 1100 BUR 228 ALEXANDROVA, M
TTH 930 - 1100 BUR 228
• 43855 MWF 100 - 200P BUR 228 LUTSYSHYNA, O
TTH 1230 - 200P BUR 128
• 43860 MWF 200 - 300P RLP 0.106 WILKINS, E
TTH 200 - 330P RLP 0.106

RUS 322W INTER RUSSIAN THRU WRITING
Development of the basic skills of listening, speaking, reading, and writing, with a special emphasis on written expression. Russian 322W and 324 may not both be counted. Russian 322W and 325 may not both be counted. Prerequisite: Russian 611C or 312K, 412K.
• 43865 MWF 1200 - 100P RLP 1.102
• 43870 TTH 1230 - 200P BUR 228 ALEXANDROVA, M

RUS 326 5-RUSSIAN SHORT STORY
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. Introduction to short works of Russian literature by Pushkin, Gogol, Turgenev, Leskov, Dostoevsky, Tolstoy, Chekhov, Babel, Bulgakov, Solzhenitsyn, Tolstaya, Pelevin, and others. All readings and discussions are in Russian. Only one of the following may be counted: Russian 326 (Topic 5), 329 (Topic: The Russian Short Story), and 329 (Topic 1). Prerequisite: Russian 325. meets with RUS 380E.
• 43875 TTH 1100 - 1230P BUR 228 LIVERS, K

RUS 380E RUSSIAN SHORT STORY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with RUS 326 (TOPIC 5).
• 43880 TTH 1100 - 1230P BUR 228 LIVERS, K

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

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course	unique	days	time	room	instructor

698A, graduate standing in the Department of Slavic and Eurasian Studies and consent of the graduate adviser; for 698B, Russian 698A.
• 43885

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.
• 43890

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.
• 43895

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.
• 43900

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.
• 43905

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.
• 43910

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.
• 43915

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.
• 43920

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.
• 43925

SEL 379 CONF CRS IN SLAVIC/EURASIAN
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Written consent of instructor.
• 43980

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.
• 43985

DEPARTMENT OF SOCIOLOGY

Sociology - SOC

SOC 302 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.

course	unique	days	time	room	instructor
	• 44040	TTH	1100 - 1200	BEL 328	REECE, R
		F	900 - 1000	BIO 301	
	• 44045	TTH	1100 - 1200	BEL 328	REECE, R
		F	1000 - 1100	BIO 301	
	• 44050	TTH	1100 - 1200	BEL 328	REECE, R
		F	1000 - 1100	PAR 303	
	• 44055	TTH	1100 - 1200	BEL 328	REECE, R
		F	1100 - 1200	JES A217A	
	• 44060	TTH	1100 - 1200	BEL 328	REECE, R
		F	1100 - 1200	PAR 303	
	• 44065	TTH	1100 - 1200	BEL 328	REECE, R
		F	1200 - 100P	JES A209A	
	• 44070	TTH	200 - 300P	JGB 2.324	GREEN, P
		F	900 - 1000	ETC 2.114	
	• 44075	TTH	200 - 300P	JGB 2.324	GREEN, P
		F	1000 - 1100	ETC 2.114	
	• 44080	TTH	200 - 300P	JGB 2.324	GREEN, P
		F	1000 - 1100	JES A218A	
	• 44085	TTH	200 - 300P	JGB 2.324	GREEN, P
		F	1000 - 1100	JES A307A	
	• 44090	TTH	200 - 300P	JGB 2.324	GREEN, P
		F	1100 - 1200	GAR 1.126	
	• 44095	TTH	200 - 300P	JGB 2.324	GREEN, P
		F	1100 - 1200	JES A218A	
	• 44100	TTH	200 - 300P	JGB 2.324	GREEN, P
		F	1100 - 1200	JES A307A	
	• 44105	TTH	200 - 300P	JGB 2.324	GREEN, P
		F	1200 - 100P	GAR 1.126	
	• 44110	TTH	330 - 430P	BEL 328	REECE, R
		F	900 - 1000	MEZ 2.124	
	• 44115	TTH	330 - 430P	BEL 328	REECE, R
		F	1000 - 1100	MEZ 1.120	
	• 44120	TTH	330 - 430P	BEL 328	REECE, R
		F	1000 - 1100	PAR 306	
	• 44125	TTH	330 - 430P	BEL 328	REECE, R
		F	1100 - 1200	JES A305A	
	• 44130	TTH	330 - 430P	BEL 328	REECE, R
		F	1100 - 1200	PAR 306	
	• 44135	TTH	330 - 430P	BEL 328	REECE, R
		F	1200 - 100P	JES A305A	
	• 44140	MW	1100 - 1200		FULTON, K
		F	1000 - 1100		
	• 44145	MW	1100 - 1200		FULTON, K
		F	1100 - 1200		

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.

• 44150	MW	1000 - 1100	BEL 328	HAGHSHENAS, M
	F	900 - 1000	RLM 5.120	
• 44155	MW	1000 - 1100	BEL 328	HAGHSHENAS, M
	F	1000 - 1100	CBA 4.326	
• 44160	MW	1000 - 1100	BEL 328	HAGHSHENAS, M
	F	1000 - 1100	RLM 5.114	
• 44165	MW	1000 - 1100	BEL 328	HAGHSHENAS, M
	F	1100 - 1200	CBA 4.344	
• 44170	MW	1000 - 1100	BEL 328	HAGHSHENAS, M
	F	1100 - 1200	JES A216A	
• 44175	MW	1000 - 1100	BEL 328	HAGHSHENAS, M
	W	1200 - 100P	PAR 303	
• 44180	MW	1000 - 1100	BEL 328	HAGHSHENAS, M
	F	1200 - 100P	JES A218A	

INTRO TO THE STUDY OF SOCIETY
The nature of human societies, social processes, social interaction, andthe sociological approach. 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.

• 44181	MW	100 - 230P		CROSNOE, R

INTRO TO THE STUDY OF SOCIETY
Designed to accommodate 35 or fewer students. The nature of human societies, social processes, social interaction, andthe sociological approach.

• 44184	MW	200 - 300P	BEL 328	PUDROVSKA, T
	F	900 - 1000	JES A305A	

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.

• 44185	MW	1000 - 1100	BEL 328	HAGHSHENAS, M
	W	100 - 200P	PAR 303	

INTRO TO THE STUDY OF SOCIETY
Designed to accommodate 35 or fewer students. The nature of human societies, social processes, social interaction, andthe sociological approach.

• 44186	MW	200 - 300P	BEL 328	PUDROVSKA, T
	F	1000 - 1100	JES A303A	
• 44187	MW	200 - 300P	BEL 328	PUDROVSKA, T
	F	1000 - 1100	RLM 5.116	
• 44188	MW	200 - 300P	BEL 328	PUDROVSKA, T
	F	1100 - 1200	RLM 5.116	
• 44189	MW	200 - 300P	BEL 328	PUDROVSKA, T
	F	1100 - 1200	ECJ 1.306	

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.

• 44190	TTH	330 - 500P	UTC 3.132	TWITO, S

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SOC 302 INTRO TO THE STUDY OF SOCIETY

Designed to accommodate 35 or fewer students. The nature of human societies, social processes, social interaction, andthe sociological approach.

• 44191	MW	200 - 300P	BEL 328	PUDROVSKA, T
	F	1200 - 100P	ECJ 1.306	

SOC 307K FERTILITY AND REPRODUCTION

Explores the when, why, how, and with whom Americans bear children, and how the United States compares to other developed and developing countries in the world. Subjects include infertility and its treatments, the ethics of surrogacy and international adoption, voluntary childlessness, the rapid rise of nonmarital childbearing in the United States and other countries, the politics of childbirth, the risks of maternal morbidity and mortality in developed and developing countries,and the declining populations and rapid aging of rich countries including Japan, Italy, and Spain where many women have stopped having children. Only one of the following may be counted: Sociology 307K, 308 (Topic: Fertility and Reproduction), Women's and Gender Studies 301 (Topic: Fertility and Reproduction), 301 (Topic 20). same as WGS 301 (TOPIC 20).

• 44195	TTH	930 - 1100	RLP 0.102	WEITZMAN, A

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.

• 44200	MWF	1200 - 100P	JGB 2.202	ALLISON, A

SOC 308L SOCL TRNSFMTN LOVE/RLTNSHPS

Examination of the social, psychological, and spiritual perspectives toward the ideas of love and intimacy; how love and intimacy interact with rapid social, economic, and cultural change; and how the subsequent change transformed the social world and the meaning of love. Subjects include the aspects of self and identity; differentiation in the contextof love in the modern age; the family and the individual; the impact of industrialization on private lives and the public order; gender, communication, love; intercultural love and intimacy; and personal choice and arranged marriages. Only one of the following may be counted: Middle Eastern Studies 310 (Topic: Social Transformation of Love and Relationships), 310 (Topic 4),Sociology 308 (Topic: Social Transformation of Love and Relationships), 308L. same as MES 310 (TOPIC 4).

• 44205	MW	1130 - 100P	PAR 201	HAGHSHENAS, M

SOC 308S INTRO TO HEALTH & SOCIETY

Designed to accommodate 100 or more students. 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.

• 44210	TTH	1230 - 200P	WCH 1.120	PALMO, N

SOC 309C CREATING SUSTAINABLE SOCTY

Designed to accommodate 100 or more students. 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.

• 44215	MWF	1100 - 1200	CAL 100	SWEARINGEN, W

SOC 317L INTRO TO SOCIAL STATISTICS

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.

• 44220	TTH	1230 - 200P	RLP 0.118	CHEADLE, J
	T	200 - 300P	JES A203A	
• 44225	TTH	330 - 500P	GAR 3.116	COFFEY, D
	W	100 - 200P	RLP 1.402	

INTRO TO SOCIAL STATISTICS

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.

• 44230	MWF	1100 - 1200	RLP 1.402	PUDROVSKA, T
	W	100 - 200P	RLP 1.404	

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.

• 44235	TTH	200 - 330P	GAR 3.116	COFFEY, D
	W	1200 - 100P	RLP 1.402	

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.

• 44240	MWF	1000 - 1100	RLM 7.112	POWERS, D
	TH	200 - 300P	MEZ 1.212	

SOC 317M 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).

• 44245	MW	900 - 1000		ANGEL, R
	F	900 - 1100		
• 44250	TTH	930 - 1030	RLP 0.118	REGNERUS, M
	W	1100 - 100P	RLP 1.404	
• 44255	MW	1000 - 1100	RLP 1.102	ANGEL, R
	F	1000 - 1200	RLP 1.404	
• 44260	TTH	1100 - 1200	RLP 1.404	OSBORNE, L
	TH	300 - 500P	RLP 1.404	
• 44265	TTH	200 - 300P	RLP 1.404	OSBORNE, L
	T	315 - 515P	RLP 1.404	

SOC 320C CANCERLAND

Designed to accommodate 35 or fewer students. Explores the social and cultural terrain of cancer research, treatment, and public policy in the United States. Only one of the following may be counted: Health and Society 340 (Topic 6), Sociology 320C, 321K (Topic: Cancerland). Prerequisite: Upper-division standing. same as H S 340 (TOPIC 6).

• 44270	TTH	930 - 1100	BUR 214	OSBAKKEN, S

SOC 320K POLITICAL SOCIOLOGY

A survey of approaches to the study of the state as a social structure; political power and power systems; ideology; political parties and elites. Only one of the following may be counted: Government 355M (Topic: Political Sociology), 355P, Sociology 320K. Prerequisite: Upper-division standing. same as GOV 355P.

• 44275	TTH	500 - 630P	RLP 0.122	CHARRAD, M

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.

• 44280	TTH	1100 - 1230P	BUR 214	JEON, J

SOC 321K AFR AM FAM HST/CTM CTXT-HON

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Prerequisite: Grade point average of at least 3.50. Restricted to Plan I honors students. meets with LAH 350, AFR 372D.

• 44285	TTH	1100 - 1230P	CBA 4.342	PIKUS, M

LATINO MIGRATION/HUMAN TRAFFIC

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with MAS 374.

• 44287	TTH	930 - 1100	PHR 2.108	VASQUEZ, A

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).

• 44295	TTH	1230 - 200P	RLP 0.106	MULLER, C
• 44300	TTH	200 - 330P	RLP 1.104	IRIZARRY MURPHY, Y

SOC 322C SOCIOLOGY OF CREATIVITY

Introduction to varying aspects of creative insights, human consciousness, social processes, and the 'invention of reality.' Use of the elements of mindfulness, intuition, and creativity at individual, organizational, societal, and environmental levels, drawing on lectures, group discussions, books, articles, artistic films, and documentaries in order to better understand and appreciate the interconnectedness and interrelationship between 'inner' (personal) reality and 'other' (social) reality. Sociology 321K (Topic: Sociology of Creativity) and 322C may not both be counted. Prerequisite: Upper-division standing.

• 44305	MW	230 - 400P	SAC 5.102	HAGHSHENAS, M

SOC 322F MENTAL HLTH IN SOCIAL CONTEXT

Examines the social causes of mental health in the areas of social epidemiology of mental health; social and psychological factors in mental health; and treatment for psychological problems. Explores definitions of mental health and mental illness, and how they are measured. Contrasts the social view with the medical, psychiatric, and psychological views and explores social psychological factors in mental health, including perceived control over life, mastery, fatalism, social support, meaning, self-esteem, coping, trust, inequity, commitment, and flexibility. Sociology 321K (Topic: Mental Health in Social Context) and 322F may not both be counted. Prerequisite: Upper-division standing.

• 44310	MWF	1200 - 100P	RLP 1.106	PUDROVSKA, T

SOC 323 THE FAMILY

Designed to accommodate 35 or fewer students. 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).

• 44312	TTH	1100 - 1230P	RLP 0.118	FULTON, K

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course	unique	days	time	room	instructor

SOC 323D BORDER CONTROL/DEATHS

Focus on enactment of border control policies, policy implementation and death patterns at the United States-Mexico border, patterns of unauthorized border crossings through dangerous border terrain, grassroots movements to support migrants and lessen deaths, and the ethics of coercive border control. Surveys the public sentiments and attitudes that support new border control policies, the patterns of migrant deaths in deserts and in the Rio Grande River associated with border control strategies, movements and community efforts to support migrants in the Arizona border area, and legal and ethical arguments and concepts that frame discussions of migrant deaths at the United States-Mexico border. Only one of the following may be counted: Mexican American Studies 374 (Topic: Border Control/Deaths), 374 (Topic 41), Sociology 321K (Topic: Border Control/Deaths), 323D. Prerequisite: Upper-division standing. same as MAS 374 (TOPIC 41).

course	unique	days	time	room	instructor
SOC 323D	• 44315	TTH	200 - 330P	RLP 0.102	RODRIGUEZ, N

SOC 323F FOOD AND SOCIETY

Designed to accommodate 35 or fewer students. 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.

course	unique	days	time	room	instructor
SOC 323F	• 44320	TTH	1230 - 200P	RLP 3.106	FULTON, K

SOC 323S BUILDING SUSTAINABLE CITY

Only one of the following may be counted: Sociology 321K (Topic: Building the Sustainable City), 323S, Urban Studies 352 (Topic: Buildingthe Sustainable City), or 352 (Topic 7). Prerequisite: Upper-division standing. same as URB 352 (TOPIC 7).

course	unique	days	time	room	instructor
SOC 323S	• 44325	TTH	1230 - 200P	JES A216A	SWEARINGEN, W

SOC 325K CRIMINOLOGY

An investigation into the nature of criminal events, including homicide,rape, robbery, property crimes, and white-collar crimes. Also examines the United States criminal justice system. Prerequisite: Upper-division standing.

course	unique	days	time	room	instructor
SOC 325K	• 44330	TTH	930 - 1100	RLP 1.104	OSBORNE, L

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).

course	unique	days	time	room	instructor
SOC 325L	• 44335	TTH	1100 - 1230P	RLP 0.102	KELLY, W
	• 44340	TTH	1230 - 200P	RLP 0.102	KELLY, W

SOC 336P SOCIAL PSYCHOLOGY AND THE LAW

Designed to accommodate 100 or more students. How courts make use of social science, as well as how social scientists study the legal system. Considers the uses of social science across multiple types of legal domains, such as eyewitnesses to crime, jury trials, punishment, children in the courts, and a variety of public policy issues. Sociology 321K (Topic: Social Psychology and the Law) and 336P may not both be counted. Prerequisite: Upper-division standing.

course	unique	days	time	room	instructor
SOC 336P	• 44345	TTH	1100 - 1230P	RLP 0.112	ROSE, M

SOC 344 RACIAL AND ETHNIC RELATIONS

Contemporary racial and ethnic problems; emphasis on minority groups in the United States. Prerequisite: Upper-division standing.

course	unique	days	time	room	instructor
SOC 344	• 44350	MWF	1100 - 1200	RLP 1.106	REECE, R

SOC 350N RESEARCH INTERNSHIP

Hour(s) to be arranged. 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.

course	unique	days	time	room	instructor
SOC 350N	• 44355				

SOC 354K SOCIOLOGY OF HEALTH & ILLNESS

Application of sociological concepts and principles to the study of health professions, medical institutions, community medical organization, and the distribution of illness. Prerequisite: Upper-division standing.

course	unique	days	time	room	instructor
SOC 354K	• 44360	TTH	330 - 500P	RLP 1.106	JEON, J

SOC 366 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.

course	unique	days	time	room	instructor
SOC 366	• 44365	TTH	1100 - 1230P	RLP 3.106	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).

course	unique	days	time	room	instructor
SOC 369K	• 44370	TTH	930 - 1100	RLP 0.112	CAVANAGH, S

SOC 679HA HONORS TUTORIAL COURSE

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. 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.

course	unique	days	time	room	instructor
SOC 679HA	• 44375	TH	330 - 430P	RLP 0.124	
		TH	1100 - 1200	RLP 0.106	

SOC 679HB HONORS TUTORIAL COURSE

Additional 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 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.

course	unique	days	time	room	instructor
SOC 679HB	• 44380	TH	330 - 430P	RLP 0.124	
		T	330 - 430P	RLP 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.

course	unique	days	time	room	instructor
SOC 379M	• 44385	TTH	930 - 1100	RLP 1.106	FRIDMAN, D
	• 44390	TTH	1230 - 200P	RLP 1.106	YOUNG, M

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.

course	unique	days	time	room	instructor
SOC 379N	• 44395				

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.

course	unique	days	time	room	instructor
SOC 380	• 44400				

SOC 385L SOCL STAT: LIN MOD/STRC EQ SYS

Model specification; review of simple regression; multiple regression in matrix form; ordinary and generalized least squares; recursive and nonrecursive structural equation models; measurement error and unobserved variables. May be counted toward the statistics and methods requirement. Prerequisite: Graduate standing, and Sociology 384L or the equivalent.

course	unique	days	time	room	instructor
SOC 385L	• 44405	MW	300 - 430P	RLP 0.122	GLASS, J
		F	300 - 400P	RLP 1.402	

SOC 386L SOC STAT: DYN MOD/LONG DATA AN

Applications of dynamic models to data collected at successive points in time. Dynamic structural equation models; statistical time-series analysis; stochastic processes, panel, and event-history analysis. May be counted toward the statistics and methods requirement. Prerequisite: Graduate standing, and Sociology 384L or the equivalent. Topic title: Social statistics: Dynamic models and longitudinal data analysis. meets with SDS 385 (TOPIC 9).

course	unique	days	time	room	instructor
SOC 386L	• 44410	MW	300 - 430P	RLP 0.106	POWERS, D

SOC 387C APPLIED MULTIVARIATE METHS

Course number may be repeated for credit when the topics vary. Not all topics are offered every year. May be counted toward the statistics and methods requirement. Prerequisite: Graduate standing and Sociology 387J.

course	unique	days	time	room	instructor
SOC 387C	• 44415	T	330 - 630P	RLP 1.302A	MULLER, C

SOC 388K FIELD AND OBSERVATIONAL METHS

Rationale and logic for field research; participant and nonparticipant observation; informant and conversational interviewing; personal documents, records, and physical traces; life histories; sources of error and bias; personal and ethical dilemmas; modes of analysis. May be counted toward the statistics and methods requirement. Prerequisite: Graduate standing.

course	unique	days	time	room	instructor
SOC 388K	• 44420	T	330 - 630P	RLP 3.214F	SHAPIRA, H

SOC 389K 1-GEN APPROACH TO STUDY OF POP

Designed to accommodate 35 or fewer students. 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.

course	unique	days	time	room	instructor
SOC 389K	• 44425	T	330 - 630P	RLP 3.106	RALEY, R

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.

course	unique	days	time	room	instructor
SOC 389K	• 44430	F	1000 - 1200	RLP 3.106	BRAYNE, S
		F	1200 - 100P	RLP 1.302E	

10/11/2018

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.
• 44435

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.
• 44440

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.
• 44445

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.
• 44450

SOC 394K 2-CONTEMPORARY 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. Graduate students in sociology must take Topics 2 and 3. May be counted toward the theory requirement. Required of all graduate students during their second semester of study. Prerequisite: Graduate standing. Restricted to Sociology majors.
• 44455 TH 330 - 630P RLP 3.106 ADUT, A

SOC 395G SOCL RELATIONSHIPS & HEALT
Course number may be repeated for credit when the topics vary. Not all topics are offered every year. Prerequisite: Graduate standing.
• 44460 M 1200 - 300P RLP 1.302F UMBERSON, D

8-RDNGS IN GENDER & SEXUALITY
Course number may be repeated for credit when the topics vary. Presents an overview of sociological theories of sexuality and provides a forum for discussion of recently published works in the sociology of gender and sexuality. Not all topics are offered every year. May be counted toward the gender specialization. Prerequisite: Graduate standing.
• 44465 W 300 - 600P RLP 1.302F WILLIAMS, C

SOC 395L 10-CRIT THRY OF RACE & RACISM
Course number may be repeated for credit when the topics vary. Sociological theories and findings concerning various aspects of race and ethnicity. Introduction to global perspectives on race, ethnicity, and racism. Examines the historical relationship between the emergence of ideas about race and Western modernity: importance of slavery and European colonialism in producing modern understandings of race and racial difference; contemporary racial formation in the period after the anticolonial struggles of the mid-twentieth century. May be counted toward the race and ethnicity specialization or the theory specialization. Sociology 394K (Topic: Critical Theories on Race and Racism) and 395L (Topic 10) may not both be counted. Prerequisite: Graduate standing.
• 44470 M 300 - 600P RLP 3.106 REECE, R

SOC 396N CRIME/PUNISHMENT/INEQUALITY
Course number may be repeated for credit when the topics vary. Substantive issues and current topics in the study of crime, law, and deviance. Prerequisite: Graduate standing.
• 44475 TH 330 - 630P RLP 1.302A BRAYNE, S

SOC 396P DEVELOPMENT MKTS & SOC LAT AM
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with LAS 381.
• 44480 T 1200 - 300P SRH 1.313 FRIDMAN, D

2-SOCIAL MOVEMENTS
Course number may be repeated for credit when the topics vary. May be counted toward the political sociology specialization. Prerequisite: Graduate standing.
• 44485 TH 330 - 630P GAR 2.124 YOUNG, M

13-HSING PRAC/PUBL POL LAT AM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. May be counted toward the political sociology, development and globalization specialization in the sociology degree program. Only one of the following may be counted: Sociology 395D (Topic 5), 396P (Topic 13), Latin American Studies 381 (Topic 6). Prerequisite: Graduate standing. same as LAS 381 (TOPIC 6). also meets with P A 388K.
• 44487 M 600 - 900P SRH 3.360 WARD, P

18-SOCL CAPITAL & SOCL NTWRKS
Course number may be repeated for credit when the topics vary. Explores theories, methods, and applications, drawing on literatures from sociology, communication, media studies, and management. Examines the relational and structural embeddedness of actors, communities, and organizations, and focuses on how to collect network data and do network analysis. May be counted toward the political sociology, development and globalization specialization in the sociology degree program. Only one of the following may be counted: Radio-Television-Film 380G (Topic: Social Capital and Social Networks), 380G (Topic 2), Sociology 396P (Topic: Social Capital and Social Networks), 396P (Topic 18). Prerequisite: Graduate standing. same as RTF 380G (TOPIC 2).
• 44490 M 900 - 1200 CMA 6.146 CHEN, W

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.
• 44495

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.
• 44500

SOC 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 44505

SOC 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 44510

SOC 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 44515

SOC 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Sociology 399R, 699R, or 999R.
• 44520

SOC 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Sociology 399R, 699R, or 999R.
• 44525

SOC 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Sociology 399R, 699R, or 999R.
• 44530

DEPARTMENT OF SPANISH AND PORTUGUESE

Iberian and Latin American Languages and Cultures - ILA
Portuguese Civilization - PRC
Portuguese - POR
Spanish - SPN
Spanish Civilization - SPC

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.
• 44585

ILA 386 MULTILITERACIES
Course number may be repeated for credit when the topics vary. Topics in Iberian and Latin American linguistics, including diasporic and indigenous communities. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser. meets with FR 392K, MEL 381.
• 44590 TTH 200 - 330P HRH 4.102B BLYTH, C

ON SO CALLED SPANGLISH
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Topics in Iberian and Latin American linguistics, including diasporic and indigenous communities. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser. meets with MAS 392.
• 44595 T 900 - 1200 CAL 21 TORIBIO, A

ILA 387 COLONIALISM/INDIGEN RESPONSE
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. meets with LAS 381.
• 44600 W 900 - 1200 BEN 1.118 CARCAMO-HUECHANTE

TECH: SLAVERY/CAPITAL/CULT
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. meets with LAS 381.
• 44605 TH 900 - 1200 BEN 1.118 ARROYO MARTINEZ, J

10/1/2018

course unique days time room instructor

TRANSNATIONAL LEGACIES
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. meets with MEL 381, C L 381.
• 44610 W 100 - 400P BEN 1.118 REED, C

ILA 388 IMMIG TRANSNAT IN BRA CULT
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. meets with LAS 392P.
• 44615 TTH 330 - 500P BEN 1.118 RONCADOR, S

ILA 394 SUPRVSD PREP OF THE QUAL PAPER
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised preparation for the doctoral degree qualifying paper. Designed to be taken in the same semester the student submits the paper. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.
• 44620
• 44625

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.
• 44630

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.
• 44635

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.
• 44640

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.
• 44645

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.
• 44650

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 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.
• 44655

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.
• 44660

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.
• 44665

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.
• 44670

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.
• 44725 MWF 1200 - 200P JES A203A

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.
• 44730 MWF 200 - 400P MEZ 1.216

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.
• 44735 MWF 800 - 1000 MEZ 1.216

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.
• 44740 MWF 1000 - 1200 MEZ 1.216

POR 611S PORTUGUESE FOR SPANISH SPKR II
Designed to accommodate 35 or fewer students. 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.
• 44745 MWF 1000 - 1200 BEN 1.126 RONCADOR, S

POR 327C ADV GRAMMAR/WRITING IN CONTEXT
Study and practice of Portuguese grammar, including reading exercises and guided composition designed to develop writing skills across styles. Students will be exposed to various topics in Portuguese language, literature, and culture. Portuguese 327C and 362 may not both be counted. Prerequisite: Portuguese 611D, 611S, 612, 312L, or 516.
• 44750 TTH 930 - 1100 BEN 1.104 KELM, O

POR 375 7-IMMIGRATN/DIASP BRAZIL CUL
Course number may be repeated for credit when the topics vary. Important themes or issues in the Brazilian culture production. Designed to explore various cultural expressions and to understand them in specific political and historical contexts. Also may explore the cultural dialogues Brazil has established with other nations or regions.Examination of twentieth-century literature, films, and other cultural artifacts that capture the multicultural reality of Brazilian society and challenge the image of Brazil as a unified, harmonious, racially-mixed nation. Subjects include contemporary textual and visual representations of the Brazilian diaspora in the United States and Europe. Latin American Studies 370P (Topic 6) and Portuguese 375 (Topic 7) may not both be counted. Prerequisite: Portuguese 327C or 362, and three hours of upper-division coursework in Portuguese or Portuguese Civilization. Additional prerequisite: Portuguese 327C and one of the following: 328C, 330L, or Portuguese Civilization 320E. same as LAS 370P (TOPIC 6).
• 44755 TTH 800 - 930 RONCADOR, S

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.
• 44760

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.
• 44765

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.
• 44770

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.
• 44775

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.
• 44780

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.
• 44785

POR 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Portuguese 399R, 699R, or 999R, and consent of the graduate adviser.
• 44790

POR 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Portuguese 399R, 699R, or 999R, and consent of the graduate adviser.
• 44795

POR 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Portuguese 399R, 699R, or 999R, and consent of the graduate adviser.
• 44800

PRC 320E MODERN BRAZIL
Course number may be repeated for credit when the topics vary. Focuses on significant issues in Brazilian society and culture. May not be counted toward fulfillment of the foreign language requirement for any bachelor's degree. Prerequisite: Upper-division standing. meets with LAS 328.
• 44855 TTH 1230 - 200P RLP 1.102 MOORE, L

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.
• 44910 MWF 800 - 1000 BEN 1.102
• 44915 MWF 800 - 1000 BEN 1.104
• 44920 MWF 800 - 1000 BEN 1.124
• 44925 MWF 800 - 1000 CAL 200
• 44930 MWF 800 - 1000 MEZ B0.302
• 44935 MWF 1000 - 1200 BEN 1.102 POTTER, R
• 44940 MWF 1000 - 1200 BEN 1.104
• 44945 MWF 1000 - 1200 BEN 1.124
• 44950 MWF 1000 - 1200 PAR 304
• 44955 MWF 1200 - 200P BEN 1.104 NEVAREZ, I
• 44960 MWF 1200 - 200P JES A207A

FIRST-YEAR SPANISH I
Designed to accommodate 35 or fewer students. 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.
• 44965 MWF 1200 - 200P GDC 1.406

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.
• 44970 MWF 1200 - 200P MEZ 1.210
• 44975 MWF 200 - 400P BEN 1.104
• 44980 MWF 200 - 400P BEN 1.124
• 44985 MWF 200 - 400P JES A217A
• 44990 MWF 200 - 400P MEZ B0.302
• 44995 MWF 400 - 600P BEN 1.102
• 45000 MWF 400 - 600P BEN 1.104
• 45005 MWF 400 - 600P BEN 1.108

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 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.
• 45010 MWF 1000 - 1200 PAR 103 MONTESINOS, D

ACC INTRO SPN HERITAGE LEARNER
Designed to accommodate 35 or fewer students. 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 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.
• 45015 MWF 1200 - 200P MEZ 1.202 RAMIREZ, S

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 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.
• 45020 MWF 200 - 400P GAR 0.120
• 45025 MWF 400 - 600P

SPN 610D 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. Partially taught as a Web-based course.
• 45030 MWF 800 - 900 MEZ 1.202
• 45035 MWF 800 - 900 MEZ 1.210
• 45040 MWF 900 - 1000 MEZ 1.208
• 45045 MWF 900 - 1000 MEZ 1.210 GOMEZ-VAZQUEZ, D
• 45050 MWF 1000 - 1100 MEZ B0.302 MANNING, S
• 45055 MWF 1100 - 1200 MEZ B0.302 JOHNSON, J
• 45060 MWF 1200 - 100P MEZ B0.302
• 45065 MWF 1200 - 100P MEZ 1.216
• 45070 MWF 100 - 200P MEZ 1.102 WHITEHEAD, S
• 45075 MWF 200 - 300P MEZ 1.202

FIRST-YEAR SPANISH II
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 (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. Partially taught as a Web-based course.
• 45080 MWF 200 - 300P MEZ 1.210

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. Partially taught as a Web-based course.
• 45085 MWF 300 - 400P MEZ 1.202 PORTO, L
• 45090 MWF 300 - 400P MEZ 1.210
• 45095 MWF 400 - 500P MEZ B0.302
• 45100 MWF 400 - 500P MEZ 1.208
• 45105 MWF 500 - 600P MEZ B0.302

FIRST-YEAR SPANISH II
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 (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. Partially taught as a Web-based course.
• 45107 MWF 400 - 500P GAR 0.120

SPN 611D 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.
• 45110 MWF 900 - 1000 PAR 302
• 45115 MWF 1100 - 1200 MEZ 1.210

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.
• 45120 MWF 800 - 900 PAR 302
• 45125 MWF 1000 - 1100 MEZ 1.210
• 45130 MWF 1200 - 100P BEN 1.124 OGANDO LAVIN, G
• 45135 MWF 100 - 200P BEN 1.124 NORTON, D

course | unique | days | time | room | instructor

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.
• 45140 MWF 200 - 300P PAR 302 WYSE, R

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.
• 45145 MWF 300 - 400P PAR 302
• 45150 MWF 400 - 500P PAR 302
• 45155 MWF 500 - 600P PAR 302

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.
• 45160 MWF 1000 - 1200 PAR 302 MEINERS, J
• 45165 MWF 1200 - 200P GAR 0.120
• 45170 MWF 200 - 400P BEN 1.102 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.
• 45175 TTH 800 - 930 BEN 1.102 NISHIDA, C
• 45180 TTH 930 - 1100 BEN 1.102 WHITEHEAD, S
• 45185 MWF 1000 - 1100 MEZ 1.202 RAMIREZ, S

ADV GRAM & WRITING IN CONTEXT
Designed to accommodate 35 or fewer students. 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.
• 45190 TTH 200 - 330P SZB 240 MANNING, S

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.
• 45195 MWF 200 - 300P JES A207A MONTESINOS, D

SPN 327N ACADEMIC WRTG HERITAGE SPKRS
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.
• 45200 MWF 1100 - 1200 MEZ 2.124 GOMEZ-VAZQUEZ, D
• 45205 MWF 1200 - 100P PAR 302 ECHAVARRIA, M
• 45210 MWF 100 - 200P PAR 302 MEINERS, J

SPN 327W ADV GRAMMAR AND COMPOSITION II
Additional hour(s) to be arranged. 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.
• 45215 MWF 900 - 1000 MEZ 1.212 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).
• 45220 TTH 930 - 1100 MEZ 1.216 GINSBURG, S
• 45225 TTH 1100 - 1230P MEZ 1.102 REED, C
• 45230 MWF 200 - 300P RLP 0.122 PORTO, L
• 45235 TTH 200 - 330P MEZ 1.102 REED, C

INTRO TO LITERATURES/CULS
Designed to accommodate 35 or fewer students. 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).
• 45237 TTH 1230 - 200P BEN 1.104 HARNEY, M

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.
• 45240 TTH 1100 - 1230P BEN 1.122 SESSAREGO, S

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.
• 45245 MWF 1200 - 100P BEN 1.122 DUNLAP, C
• 45250 MWF 100 - 200P RLP 0.106 DUNLAP, 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.
• 45255 TTH 930 - 1100 PAR 304 SESSAREGO, S

SPN 350K CUBAN REVOLUTION
Course number may be repeated for credit when the topics vary. Examines important themes in Iberian, Latin American, or African societies and examines their treatment in audiovisual and media production. Spanish 350 and 350K may not both be counted unless the topics vary. Prerequisite: Spanish 327C (or 327G) or 327N, and 328C. meets with LAS 370S.
• 45260 TTH 200 - 330P BEN 1.124 SALGADO, C

1-GEND ISS CONTEMP LAT AM CIN
Course number may be repeated for credit when the topics vary. Examines important themes in Iberian, Latin American, or African societies and examines their treatment in audiovisual and media production. Studies Latin American cinema as a device of gender system formation and reinforcement, and as criticism of patriarchal hegemony; discusses questions related to sexuality depicted in Latin American films. Subjects covered include: maternity, prostitution, machismo, children's sexuality, homosexuality, heterosexuality, and gender violence in films from the 1930s to present. Conducted in Spanish. Spanish 350 and 350K may not both be counted unless the topics vary. Only one of the following may be counted: Latin American Studies 370S (Topic 24), Spanish 350 (Topic: Gender in Contemporary Latin American Cinema), 350K (Topic 1), Women's and Gender Studies 335 (Topic 6), 340 (Topic: Gender in Contemporary Latin American Cinema). Prerequisite: Spanish 327C (or 327G) or 327N, and 328C. Additional prerequisite: Spanish 327C, (or 327), (or 327G), and three hours of upper-division coursework in either Spanish or Spanish Civilization. same as LAS 370S (TOPIC 24), WGS 335 (TOPIC 6).
• 45265 TTH 200 - 330P BEN 1.126 DOMINGUEZ-RUVALCAB

SPN 355 BODY POLITICS LAT AM POETRY
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, WGS 340.
• 45270 TTH 1100 - 1230P BEN 1.102 DOMINGUEZ-RUVALCAB

SPN 357 US IN 20TH/21ST CEN SPAN LIT
Designed to accommodate 35 or fewer students. 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.
• 45275 MWF 1100 - 1200 RLP 0.118 NORTON, 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).
• 45280 MWF 200 - 300P BEN 1.126 POTTER, R

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).
• 45285 TTH 1230 - 200P JES A217A GINSBURG, S

SPN 368S TENSE/MOOD/ASPECT
Course number may be repeated for credit when the topics vary. Examination of the major structural components of the language and how these are used in context to fulfill a variety of communicative functions. Spanish 367K and 368S may not both be counted unless the topics vary. Prerequisite: Spanish 327C (or 327G) or 327N, and 330L.
• 45290 TTH 1100 - 1230P BEN 1.104 MURPHY, M

SPN 377H HONORS TUTORIAL COURSE
Hour(s) to be arranged. Supervised individual research on a literary, linguistic, or cultural problem, culminating in a written thesis. Prerequisite: Upper-division standing, credit or registration for Spanish 379C or 379L, admission to the Iberian and Latin American Languages and Cultures Honors Program, and consent of the Honors adviser.
• 45295

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.
• 45300 TTH 1100 - 1230P BEN 1.126 HARNEY, M
• 45305 TTH 1230 - 200P BEN 1.126 POLIT, G

SPN 385L CONF CRS IN HISPAN LIT & LING
Hour(s) to be arranged. 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.
• 45310

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.
• 45315

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.
• 45320

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.
• 45325

SPN 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consentof the graduate adviser.
• 45330

SPN 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consentof the graduate adviser.
• 45335

SPN 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree and consentof the graduate adviser.
• 45340

SPN 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Spanish 399R, 699R, or 999R, and consent of the graduate adviser.
• 45345

SPN 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Spanish 399R, 699R, or 999R, and consent of the graduate adviser.
• 45350

SPN 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Spanish 399R, 699R, or 999R, and consent of the graduate adviser.
• 45355

SPC 320C CUBA IN QUESTION-CUB
Course number may be repeated for credit when the topics vary. Significant issues in Iberian or Latin American societies and cultures. Restricted to students in the Maymester Abroad Program; contact Study Abroad Office for permission to register for this class. Class meets May 26-July 10. Taught in Havana, Cuba. Students must consult with Study Abro ad Program Coordinator as travel and orientation dates may be in addition to these dates. meets with LAS 328, AFR 372G, HIS 363K.
• 45410 ARROYO MARTINEZ, J

GRINGOMANIA: U.S. IN LAT AM
Course number may be repeated for credit when the topics vary. Significant issues in Iberian or Latin American societies and cultures. meets with LAS 328.
• 45415 TTH 200 - 330P BEN 1.102 BORGE, J

CENTER FOR WOMEN'S AND GENDER STUDIES

Women's and Gender Studies - WGS

WGS 301 ASIAN AMER CREATIVE ARTS
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 AAS 310 (TOPIC 4), T D 311T.
• 45470 MWF 1100 - 1200 RLP 1.108 SHORB, K

INTRODUCTION TO MODERN AFRICA
Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. meets with AFR 310K, HIS 310.
• 45475 TTH 1230 - 200P UTC 3.134 FALOLA, O

4-FAMILY RELATIONSHIPS
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.
• 45480 MWF 1100 - 1200 ETC 2.114
• 45485 TTH 1100 - 1230P FAC 21 WILLIAMSON, H

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.
• 45490 MWF 1200 - 100P JGB 2.202 ALLISON, A

17-BLACK QUEER ART WORLDS
Course number may be repeated for credit when the topics vary. Exploration of over two decades of work produced by and about black queer subjects throughout the circum-Atlantic world. Provides an introduction to various artists and intellectuals of the black queer diaspora, as well as an examination of the viability of black queer aesthetic practice as a form of theorizing. Only one of the following may be counted: African and African Diaspora Studies 317E (Topic: Black Queer Diaspora Aesthetics), 317E (Topic 1), Anthropology 310L (Topic: Black Queer Diaspora Aesthetics), 310L (Topic 6), Women's and Gender Studies 301 (Topic: Black Queer Diaspora Aesthetics), 301 (Topic 17). Prerequisite: Varies with the topic. same as AFR 317E (TOPIC 1), ANT 310L (TOPIC 6).
• 45500 TTH 500 - 630P PAR 206 GILL, L

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. Additional prerequisite: English 603A, Rhetoric and Writing 306 or 306Q, or Tutorial Course 603A. same as E 314V (TOPIC 6).
• 45510 MW 1130 - 100P JES A218A MARTINEZ, B

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.
• 45515 TTH 1100 - 1230P GAR 3.116 SOMERS-WILLETT, S
• 45520 W 200 - 500P

WGS 313 CHILD DEVELOPMENT
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.
• 45525 TTH 330 - 500P CPE 2.216 KREISCHER, A

CHILD DEVELOPMENT
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. also meets with HDF 313H.
• 45530 TTH 500 - 630P CMA 2.306 SPERANZA, H

WGS 322 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). Prereq-

uisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as SOC 369K.
• 45535 TTH 930 - 1100 RLP 0.112 CAVANAGH, S

WGS 324 GENDER AND MEDIA 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 328C.
• 45540 TTH 1230 - 200P CMA 3.124 MCCLEAREN, J
T 730 - 1000P CMA 3.116

4-GENDER & THE NEWS
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.
• 45545 MWF 1000 - 1100 BMC 3.206 MCELROY, K

WGS 335 QUEER ART AND ACTIVISM
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.
• 45555 TTH 200 - 330P RLP 0.122 NAULT, C

QUEER TELEVISION
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 RTF 335.
• 45560 MWF 200 - 300P CMA 3.124 NAULT, C
W 730 - 1000P CMA 3.116

2-LGBTQ OPPRESSION: DIALOG
Laboratory hour(s) to be arranged. 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. The second part of the Peers for Pride facilitation program; serves as a way for students in the program to use the information and skills learned in "Confronting LGBTQ Oppression." Students will continue to fine-tune their facilitation skills and continue learning about LGBTQ people on the UT campus and beyond. Only one of the following may be counted: Social Work 360K (Topic: Facilitating Dialogues on LGBTQ Oppression: Peers for Pride in Action), Women's and Gender Studies 335 (Topic 2), 345 (Topic: Facilitating Dialogues on LGBTQ Oppression: Peers for Pride in Action). Restricted to students in the Peers for Pride program. Prerequisite: Upper-division standing; additional prerequisites vary by topic. Additional prerequisite: Consent of instructor. meets with S W 360K, T D 357T.
• 45565 W 300 - 600P PAR 204 NGUYEN, Q
M 300 - 600P PAR 105

6-GEND ISS CONTEMP LAT AM CIN
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. Studies Latin American cinema as a device of gender system formation and reinforcement, and as criticism of patriarchal hegemony; discusses questions related to sexuality depicted in Latin American films. Subjects covered include: maternity, prostitution, machismo, children's sexuality, homosexuality, heterosexuality, and gender violence in films from the 1930s to present. Conducted in Spanish. Only one of the following may be counted: Latin American Studies 370S (Topic 24), Spanish 350 (Topic: Gender in Contemporary Latin American Cinema), 350K (Topic 1), Women's and Gender Studies 335 (Topic 6), 340 (Topic: Gender in Contemporary Latin American Cinema). Prerequisite: Upper-division standing; additional prerequisites vary by topic. Additional prerequisite: Spanish 327C, (or 327), (or 327G), and three hours of upper-division coursework in either Spanish or Spanish Civilization. same as LAS 370S (TOPIC 24), SPN 350K (TOPIC 1).
• 45570 TTH 200 - 330P BEN 1.126 DOMINGUEZ-RUVALCAB

WGS 340 BLACK MIDDLE CLASS
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 372C, AMS 321.
• 45575 TTH 930 - 1100 CBA 4.348 THOMPSON, L

BLACK WOMEN ON TRIAL
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 374D, HIS 350R.
• 45580 MW 1000 - 1130 RLP 0.108 FARMER, A

BODY POLITICS LAT AM POETRY
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 SPN 355, LAS 370S.
• 45585 TTH 1100 - 1230P BEN 1.102 DOMINGUEZ-RUVALCAB

CHICANA FEMINISMS
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 AMS 321, MAS 374.
• 45590 MW 100 - 230P ECJ 1.308 GUIDOTTI-HERNANDEZ

COMMUNITY & SOCIAL DEVEL-GHA
Hour(s) to be arranged. 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. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 28-June 21. Taught in Accra, Ghana. Students must consult with Study Abroad Prog ram Coordinator as travel and orientation dates may be in addition to these dates. meets with AFR 374C, S W 360K.
• 45595 JONES, J

GENDER AND MODERN INDIA
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 ANS 361 (TOPIC 44), HIS 364G (TOPIC 13).
• 45600 MW 400 - 530P GAR 1.126 CHATTERJEE, I

HUMAN RIGHTS & WORLD POLITICS
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 GOV 365N (TOPIC 24).
• 45605 TTH 200 - 330P MEZ B0.306 EVANS, R

LATINA FEMINISM AND HEALTH
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 MAS 374.
• 45610 TTH 1100 - 1230P GEA 127 MINICH, J

LATINA SEXUALITY AND HEALTH
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 MAS 374.
• 45615 MW 230 - 400P CMA 5.190 PARRA-MEDINA, D

LATINX SHORT STORY
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 MAS 374, E 376M.
• 45620 MWF 1000 - 1100 CAL 200 GARCIA, P

RETHINKING BLACKNESS
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 AMS 321, AFR 372C, E 376M.
• 45625 TTH 1230 - 200P RLP 0.128 THOMPSON, L

WOMEN, GENDER & BLACK POWER
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 374D, HIS 350R.
• 45630 MW 100 - 230P PAR 208 FARMER, A

45-FEM INTERVNT BORDERLAND HIS
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Provides an in-depth understanding of the social, economic, and spatial transformations of the United States/Mexico borderlands in the nineteenth and early twentieth centuries. Only one of the following may be counted: American Studies 370 (Topic: Feminist Interventions in Borderlands History), 370 (Topic 45), Mexican American Studies 374 (Topic: Feminist Interventions in Borderlands History), 374 (Topic 38), Women's and Gender Studies 340 (Topic: Feminist Interventions in Borderlands History), 340 (Topic 45). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as AMS 370 (TOPIC 45), MAS 374 (TOPIC 38).
• 45635 MW 1000 - 1130 BUR 436B GUIDOTTI-HERNANDEZ

47-BLACK QUEER LITERATURE/FILM
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. Analyzes written works, films, and videos by and about lesbians, bisexual, transgender, and gay black people, with an emphasis on understanding the historical and theoretical construction of sexual and gender identities and sexual/cultural practices in black communities. Only one of the following may be counted: African and African Diaspora

Studies 372E (Topic: Black Queer Literature and Film), 372E (Topic 13), 374F (Topic: Black Queer Literature and Film), English 376M (Topic: Black Queer Literature and Film), 376M (Topic 8), Women's and Gender Studies 340 (Topic: Black Queer Literature and Film), 340 (Topic 47). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: For English majors, nine semester hours of coursework in English or rhetoric and writing; for others, upper-division standing. same as AFR 372E (TOPIC 13), E 376M (TOPIC 8).
• 45640 MW 230 - 400P RLP 1.102 RICHARDSON, M

48-DIASPORA VISIONS
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. An exploration of border crossing by cultures and groups including Yorubas, Jews, Armenians, Tibetans, Hamish, Pakistanis, and Indians and the production of images by immigrants, exiles, and nomads in alien lands. Only one of the following may be counted: African and African Diaspora Studies 374F (Topic: Diaspora Vision), 374F (Topic 13), Art History 345L, 373D (Topic: Diaspora Visions), 374 (Topic: Diaspora Vision), Women's and Gender Studies 340 (Topic: Diaspora Vision), 340 (Topic 48). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as AFR 374F (TOPIC 13), ARH 345L.
• 45645 MWF 200 - 300P DFA 2.204 OKEDIJI, M

54-THE QUR'AN
Course number may be repeated for credit when the topics vary. Multidisciplinary course examining experiences and issues of gender in different cultures. The history, language, style, and themes of the Qur'an. Only one of the following may be counted: Comparative Literature 323 (Topic: The Qur'an), 323 (Topic 37), Core Texts and Ideas 375 (Topic: The Qur'an), Core Texts and Ideas 375 (Topic 1), Islamic Studies 340 (Topic 2), Middle Eastern Languages and Cultures 321 (Topic 9), Middle Eastern Studies 342 (Topic 16), Religious Studies 325G, Women's and Gender Studies 340 (Topic: The Qur'an), 340 (Topic 54). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Additional prerequisite: Upper-division standing. same as C L 323 (TOPIC 37), CTI 375 (TOPIC 1), ISL 340 (TOPIC 2), MEL 321 (TOPIC 9), MES 342 (TOPIC 16), R S 325G.
• 45650 TTH 1230 - 200P PAR 1 AZAM, H

WGS 441 ROOTS OF SOCL/ECON JUSTICE-GBR
Hour(s) to be arranged. Only one of the following may be counted: Social Work 460K (Topic: Roots of Social and Economic Justice), Women's and Gender Studies 440 (Topic: Roots of Social and Economic Justice), 441. Prerequisite: Upper-division standing. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 12. Taught in London, England. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates. meets with S W 460K (TOPIC 16).
• 45655 ANDERSON, B

WGS 345 DIVERSITY IN HUMAN DEVLPMNT
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with HDF 378K.
• 45660 TTH 230 - 400P CBA 4.336 LORENZO-BLANCO, E

PUNKS/DIVAS IN SE EUROPE
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. meets with REE 325, EUS 347.
• 45665 MW 230 - 400P SZB 330 BERONJA, V

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).
• 45670 TH 330 - 630P GAR 1.134 SEAHOLM, M

23-SOCIOLOGY OF EDUCATION
Course number may be repeated for credit when the topics vary. 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; additional prerequisites vary with the topic. Prerequisite: Upper-division standing. same as AFR 321L, SOC 321L.
• 45675 TTH 1230 - 200P RLP 0.106 MULLER, C
• 45680 TTH 200 - 330P RLP 1.104 IRIZARRY MURPHY, Y

29-WITCHES, WORKERS, AND WIVES
Course number may be repeated for credit when the topics vary. Explores the role of families and concepts of gender as expressed in key economic, social, political, and cultural patterns in early modern Europe. Prerequisite: Upper-division standing; additional prerequisites vary with the topic. Prerequisite: Upper-division standing. same as EUS 346 (TOPIC 3), HIS 343W.
• 45685 TTH 930 - 1100 RLP 0.128 HARDWICK, J

37-WOMEN IN POSTWAR AMERICA
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: American Studies 370 (Topic 30), History 350R (Topic 8), Women's and Gender Studies 345 (Topic 37). Prerequisite: Upper-division standing; additional prerequisites vary with the topic. same as AMS 370 (TOPIC 30), HIS 350R (TOPIC 8).
• 45690 TTH 200 - 330P GAR 2.128 GREEN, L

WGS 350 FEMINIST THEORY
Feminist theory with selections from women's and gender studies scholars. Recommended feminist theory course for women's and gender studies majors. Restricted to women's and gender studies majors and minors. Prerequisite: Upper-division standing and nine semester hours of coursework in women's and gender studies.
• 45695 TTH 1230 - 200P GAR 3.116

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.
• 45700

WGS 379L INTERNSHIP IN WGS
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 45705

WGS 379S SENIOR SEMINAR
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Intensive study of selected topics in women's and gender studies. May not be repeated for credit. Prerequisite: Upper-division standing and completion of at least ninety semester hours of coursework, including six hours in women's and gender studies.
• 45710 TTH 930 - 1100 RLP 0.108

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.
• 45715

WGS 392 RSCH METHS SMNR WOM'S/GEND STD
Additional hour(s) to be arranged. Introduction to select feminist research methods used in various disciplines and how these methods inform interdisciplinary perspectives in the student's own field of study in preparation for a report, thesis, or dissertation. Prerequisite: For master's students in women's and gender studies, graduate standing and Women's and Gender Studies 390 and 391; for others, graduate standing and consent of instructor.
• 45720 M 200 - 500P CMA 3.134 LIVERMON, X

WGS 393 ADULT DEVEL, AGING, & HLTH
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 HED 395 (TOPIC 20), KIN 395 (TOPIC 51).
• 45725 TH 100 - 400P BEL 710B HOLAHAN, C

BLACK QUEER DIASPORA
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 388, ANT 391.
• 45730 T 1230 - 330P GWB 1.138 GILL, L

BLACK STUDIES THEORY II
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 392.
• 45735 W 200 - 500P BUR 128 LIVERMON, X

CRIT APPR TO YA FICTIONS
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 MAS 392, E 395M, AMS 391.
• 45740 M 1200 - 300P CAL 323 PEREZ, D

CULTURAL HIST OF US SINCE 1865
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: An interdisciplinary cultural history survey of the United States. meets with AMS 386.
• 45745 T 200 - 500P BUR 436B DAVIS, J

FEMINST GEOPOL: RACE/EMPIRE
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. Additional prerequisites vary with the topic. meets with GRG 396T.
• 45747 W 200 - 500P CAL 221 VASUDEVAN, P

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. meets with J 395 (TOPIC 46), J 348D, WGS 324 (TOPIC 4).
• 45750 MWF 1000 - 1100 BMC 3.206 MCELROY, K

RACE/ETHNICITY/GENDER POLICIES
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 387K, AFR 380D, S W 395K.
• 45755 W 1100 - 200P GWB 1.130 REED, N

SAINTS' LIVES AS HIST SOURCES
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 MDV 392M, HIS 397L, R S 390T.
• 45760 T 930 - 1230P GAR 1.122 FRAZIER, A

WOMEN/POLITICS/PUBLIC POLICY
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 383C.
• 45765 TH 900 - 1200 SRH 3.212 RODRIGUEZ WARD, V

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.
• 45770

WGS 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. 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.
• 45775

WGS 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. 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.
• 45780

WGS 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. 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.
• 45785

COLLEGE OF NATURAL SCIENCES

NATURAL SCIENCES

Natural Sciences - NSC

NSC 001D PRACTICUM IN MEDICAL LAB SCI
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.
• 46020

NSC 001S 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. Restricted to students in the Freshman Research Initiative Aptamer Stream.
• 46025 M 100 - 200P PAI 5.33 STOVALL, G
• 46030 W 100 - 200P PAI 5.33 STOVALL, G
• 46035 T 300 - 400P PAI 5.33 STOVALL, G
• 46040 W 300 - 400P PAI 5.33 STOVALL, G

NSC 306J HANDS-ON SCIENCE I
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.
• 46045 TTH 800 - 1000 RLM 7.116 OSTLUND, K
F 900 - 1000 RLM 7.116
• 46050 TTH 1000 - 1200 RLM 7.116 OSTLUND, K
F 1000 - 1100 RLM 7.116
• 46055 TTH 1200 - 200P RLM 7.116 CHIMONIDOU, A
F 100 - 200P RLM 7.116

NSC 306K HANDS-ON SCIENCE II
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-.
• 46060 MW 800 - 1000 RLM 7.114 DUNN, D
F 900 - 1000 RLM 7.114
• 46065 MW 1000 - 1200 RLM 7.114 DUNN, D
F 1000 - 1100 RLM 7.114
• 46070 MW 1200 - 200P RLM 7.114 CHIMONIDOU, A
F 1200 - 100P RLM 7.114
• 46075 MW 200 - 400P RLM 7.114 DUNN, D
F 1100 - 1200 RLM 7.114

NSC 306L HANDS-ON SCIENCE III
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.
• 46080 TTH 200 - 400P RLM 7.114 OSTLUND, K
F 200 - 300P RLM 7.114

NSC 306M HANDS-ON SCIENCE IV
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.
• 46085 MW 1200 - 200P RLM 7.116 MARINOVA, I
F 1200 - 100P RLM 7.116

NSC 108 FIELD INVENTION SEMINAR
Hour(s) to be arranged. 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.
• 46090

NSC 109 CONFERENCE COURSE-FRI
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. Restrictions vary with the topic. Prerequisite: Varies with the topic.
• 46095 M 200 - 300P WEL 2.110 POTEET, M

10/11/2018

course	unique	days	time	room	instructor

CONFERENCE COURSE-FRI
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: Varies with the topic.

• 46100	M	200 - 300P	PHR 2.114	REICHLER, S
• 46105	W	200 - 300P	PHR 2.114	RIEDEL, T
• 46110	W	200 - 300P	WEL 2.140	ILARDI, E
• 46115	M	300 - 400P	WEL 2.140	RAMSEY, M
• 46120	T	330 - 430P	WEL 2.140	BAGCHI, D

CONFERENCE COURSE-FRI
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. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46125	M	200 - 300P	GEA 114	SHEAR, R

CONFERENCE COURSE-FRI
Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic. Restricted to students in the Freshman Research Initiative.

• 46130	M	100 - 200P	BUR 130	YANG, S
• 46135	F	100 - 200P	PHR 2.114	STOVALL, G
• 46140	M	200 - 300P	CMA 3.114	DAVIES, B
• 46145	M	200 - 300P	WEL 2.140	ZAMORA-OLIVARES, D

CONFERENCE COURSE-FRI
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic. Restricted to students in the Freshman Research Initiative.

• 46150	T	100 - 200P	RLM 5.120	BECKHAM, J
• 46155	W	200 - 300P	WEL 2.110	SANDY, M

CONFERENCE COURSE-FRI
Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic. Restricted to students in the Freshman Research Initiative.

• 46160	TH	230 - 330P	BIO 12H	CLARK, G
• 46165	M	300 - 400P	RLM 5.120	MACKRELL, A
• 46170	M	300 - 400P	RLM 7.116	DYLLA, A
• 46175	TH	330 - 430P	WEL 2.140	DEPUE WARD, L
• 46180	M	400 - 500P	PAR 204	HOLLEY, J
• 46185	M	300 - 500P	BUR 134	MISHLER, D
• 46190	W	400 - 500P	PHR 2.114	GONZALEZ, A
• 46195	TTH	500 - 630P	WEL 2.140	GUTELL, R
	T	630 - 830P	WEL 2.140	
• 46200	TTH	500 - 630P	WEL 2.140	GUTELL, R
	TH	630 - 830P	WEL 2.140	

CONFERENCE COURSE-FRI
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. Restrictions vary with the topic. Prerequisite: Varies with the topic. Restricted to students in the Freshman Research Initiative.

• 46205	F	200 - 300P	WEL 2.110	CAMERON, S

INTRO TO PEER MENTORING/LDRSHP
Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46210	T	1000 - 1100	PAI 4.28	JONES, L
• 46215	M	200 - 300P	PAI 4.28	JONES, L
• 46220	F	200 - 300P	PAI 4.28	JONES, L

INTROD TO LEADING COLLAB STUDY
Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic. Restricted to students in TIP Scholars program.

• 46225	F	1000 - 1100	PAI 4.28	HARMON, K
• 46230	W	1100 - 1200	PAI 4.28	HARMON, K

PLANNING YOUR CAPSTONE PROJECT
Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46235	M	100 - 200P	PAI 5.42	SEARLE, D
• 46240	M	300 - 400P	PAI 5.42	SEARLE, D
• 46245	M	400 - 500P	PAI 5.42	SEARLE, D

NSC 209 SPRING SCHOLASTIC SEMINAR
Course number may be repeated for credit when the topics vary. Restrictions vary with the topic. Prerequisite: Varies with the topic.

• 46250	TTH	1000 - 1100	WCH 1.110	CHY, A

SPRING SCHOLASTIC SEMINAR
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: Varies with the topic. Restricted to students in the Texas Interdisciplinary Plan.

• 46255	TTH	1100 - 1200		DELGADO-REYES, C
• 46260	MW	200 - 300P		HARMON, K

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.

• 46265	W	900 - 1000	BUR 228	SAXENA, P
• 46270	W	1000 - 1100	WCH 1.108	MCCLELLAND, B
• 46275	W	1100 - 1200	WCH 1.108	SAXENA, I
• 46280	TH	1100 - 1200	WAG 208	MACKERT, M
• 46285	T	1230 - 130P	PAI 5.33	SCHNYER, R
• 46290	W	100 - 200P	SZB 434	POLLAK, G
• 46295	T	200 - 300P	CBA 4.340	ROBERTS-MILLER, P
• 46300	W	200 - 300P	WCH 1.110	LAUDE, D
• 46305	TH	200 - 300P	WCH 1.108	VICK, J
• 46310	W	300 - 400P	GDC 2.502	ROBERTS, B
• 46315	W	400 - 500P	WCH 1.108	HILLIS, D
• 46320	TH	400 - 500P	WCH 1.108	MAUK, M

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.

• 46325	W	300 - 400P		HILLIS, D
• 46330	W	300 - 400P	WCH 1.108	DE LOZANNE, A

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.

• 46335	W	300 - 400P	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.

• 46340	T	1100 - 1200	WAG 208	HUK, A
• 46345	T	1230 - 130P	ETC 2.102	HUK, A

NSC 115 WOMEN IN NATURAL SCIENCES SMNR
The work and lives of women scientists in a sociocultural context. Restricted to students in the Women in Natural Sciences Program.

• 46350	W	100 - 200P	SZB 330	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 a Web-based course.

• 46355				FRANKS, R

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.

• 46360				FRANKS, R

NSC 371 CAPSTONE THESIS SEMINAR-HSS
Additional 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 Health Science Scholars Program.

• 46365	TH	200 - 400P	PAI 5.42	WILCOX, R
• 46370	W	300 - 500P	PAI 5.42	WILCOX, R

CAPSTONE THESIS SEMINAR-P S
Additional 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.

• 46375	W	1000 - 1200	PAI 5.42	WILCOX, R
• 46380	T	330 - 530P	PAI 5.42	WILCOX, R

CAPSTONE THESIS SEMINAR-P S
Additional 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.

• 46385	T	100 - 300P	PAI 5.42	WILCOX, R

NSC 088M MENTORING UNDRGRD RESEARCHERS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Aims to develop graduate students' skills in mentoring undergraduates and other junior participants in

Online

STEM research. Explores how to define suitable projects, establish appropriate relationships, set expectations, encourage communication, balance guidance with independence, and address diversity and ethical issues in mentoring. Professional development supplemental to primary studies. Prerequisite: Graduate standing.
• 46390

NSC 088T MENTORED TEACHING
Additional hour(s) to be arranged. Offered on the credit/no credit basis only. May be repeated for credit. Designed for graduate students who have completed NSC-088L Introduction to Evidence-Based Teaching, or its equivalent. Each student will design,teach, and conduct assessment of an instructional unit (_3 hours of class time) in an undergraduate CNS course, working in collaboration with the faculty member acting as instructor of record. Intended for graduate students in the College of Natural Sciences. Professional development supplemental to primary studies. May be repeated with consent of instructor. Prerequisite: Graduate standing.
• 46395 T 500 - 630P WEL 2.140 PATTERSON, K

UTEACH-NATURAL SCIENCES

UTeach-Natural Sciences - UTS

UTS 101 SEC TCHR EDUC PREP: STEP 1
Designed to accommodate 35 or fewer students. 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.
• 46450 T 1100 - 1230P PAI 4.18 FITZPATRICK, D

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.
• 46455 TH 1100 - 1230P PAI 4.18 RODRIGUEZ, S
• 46460 TH 1230 - 200P PAI 4.18 RODRIGUEZ, S

SEC TCHR EDUC PREP: STEP 1
Designed to accommodate 35 or fewer students. 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.
• 46465 W 230 - 400P PAI 4.18 BUCKLEY, D

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.
• 46470 T 1100 - 1230P PAI 4.08 KIRBY, L
• 46475 TH 1230 - 200P PAI 4.08 KIRBY, L
• 46480 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.
• 46485 W 600 - 730P PAI 4.08 ALLEN, K
• 46490 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, 302, 303, 307. May not be counted toward a degree in the College of Natural Sciences.
• 46545 TTH 1230 - 200P UTC 4.112 HAWKINS, 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.
• 46550 MWF 1000 - 1100 PAI 3.02 FINKELSTEIN, K
• 46555 TTH 1100 - 1230P UTC 4.102 SCALO, J
• 46560 MWF 100 - 200P PAI 3.02
• 46565 TTH 330 - 500P BUR 112

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.
• 46570 M 700 - 900P RLM 13.132 KUMAR, P
• 46575 T 700 - 900P RLM 13.132 KUMAR, P
• 46580 W 700 - 900P RLM 13.132 KUMAR, P

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.
• 46585 TTH 930 - 1100 WEL 2.110 BOWLER, B
• 46590 TTH 1230 - 200P WEL 2.140 CASEY, C

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.
• 46595 MWF 200 - 300P PAI 3.02 WHEELER, J

AST 309L SEARCH FOR EXTRATERRESTRL LIFE
Designed to accommodate 100 or more students. 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.
• 46600 TTH 200 - 330P WCH 2.110 MORLEY, C

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.
• 46605 TTH 930 - 1100 PAI 3.02
• 46610 TTH 1230 - 200P DINERSTEIN, H

AST 210K WHITE DWARFS-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.
• 46615 F 200 - 300P RLM 7.116 MONTGOMERY, M

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.
• 46620 MWF 1000 - 1100 RLM 15.216B MILOSAVLJEVIC, M

AST 358 GALAXIES AND THE UNIVERSE
Our galaxy and its constituents; stars and interstellar matter. Properties of other galaxies; galaxy interactions and mergers; expansionand evolution of the universe. Designed for science and engineering majors. Prerequisite: Upper-division standing, and one of the following: Physics301 and 303L; 301 and 316; 303K and 303L; or 303K and 316.
• 46625 TTH 930 - 1100 RLM 15.216B JOGEE, S

AST 175C CONFERENCE COURSE IN ASTRONOMY
Hour(s) to be arranged. May be repeated for credit. Independent research course with astronomy faculty member or research scientist. Restricted enrollment; contact the department for permission to register.
• 46630

AST 275C CONFERENCE COURSE IN ASTRONOMY
Hour(s) to be arranged. May be repeated for credit. Independent research course with astronomy faculty member or research scientist. Restricted enrollment; contact the department for permission to register.
• 46635

AST 375C CONFERENCE COURSE IN ASTRONOMY
Hour(s) to be arranged. May be repeated for credit. Independent research course with astronomy faculty member or research scientist. Restricted enrollment; contact the department for permission to register.
• 46640

course	unique	days	time	room	instructor

AST 376C COSMOLOGY
The laws of physics applied to the Universe at large: its featureless beginning in the Big Bang, its fundamental constituents including radiation, atoms, and dark matter; the discoveries of universal expansion and dark energy, and a structure reflected in the web of galaxies. Designed for science and engineering majors. Astronomy 376 (Topic: Cosmology) and 376C may not both be counted. Prerequisite: Upper-division standing, and one of the following: Physics301 and 303L; 301 and 316; 303K and 303L; or 303K and 316.

• 46645	TTH	1230 - 200P	RLM 15.216B	SHAPIRO, P

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.

• 46650	TTH	1230 - 200P	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.
• 46655

AST 381 COMPUTATIONAL ASTROPHYSICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 46660	TTH	200 - 330P	RLM 15.216B	BROMM, V

FORMATION OF GALAXIES
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 46665	TTH	1100 - 1230P	RLM 15.216B	BOYLAN-KOLCHIN, M

AST 383 ASTRONOMICAL DATA ANALYSIS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.

• 46670	MWF	100 - 200P	RLM 15.216B	MILOSAVLJEVIC, M

AST 383C STELLAR ATMOSPHERES
Observational properties of stellar atmospheres; theoretical calculations of stellar atmospheres and stellar spectra. Prerequisite: Graduate standing and consent of instructor.

• 46675	MWF	1100 - 1200	RLM 15.216B	WINGET, D

AST 383D STELLAR STRUCTURE AND EVOLUTN
Theoretical calculations of the structure and evolution of stars. Prerequisite: Graduate standing and consent of instructor.

• 46680	MW	200 - 330P	RLM 15.216B	WINGET, D

AST 383T SEMINAR IN STELLAR ASTRONOMY
Additional 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.

• 46685	W	1200 - 100P	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.
• 46690

AST 393S SEMINAR IN INTERSTELLAR MATTER
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.

• 46695	F	200 - 300P	RLM 15.216B	

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.
• 46700

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.
• 46705

AST 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 astronomy and consent of the graduate adviser.
• 46710

AST 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 46715

AST 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 46720

AST 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 46725

AST 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Astronomy 399R, 699R, or 999R.
• 46730

AST 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Astronomy 399R, 699R, or 999R.
• 46735

AST 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Astronomy 399R, 699R, or 999R.
• 46740

BIOLOGY INSTRUCTIONAL OFFICE

Biology - BIO

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.

• 46795	MWF	1000 - 1100	CPE 2.206	HANSEN, D
	TH	1000 - 1100	RLP 1.108	
• 46800	MWF	1000 - 1100	CPE 2.206	HANSEN, D
	TH	1100 - 1200	RLP 1.102	
• 46805	MWF	1000 - 1100	CPE 2.206	HANSEN, D
	W	100 - 200P	JES A216A	
• 46810	MWF	1000 - 1100	CPE 2.206	HANSEN, D
	W	200 - 300P	GDC 5.304	

BIO 301G GENETICS IN THE 21ST CENTURY
Designed to accommodate 100 or more students. Designed for non-science majors. An elementary course in human genetics and its social impact. Only one of the following may be counted: Biology 301G, 309F, 346. 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.

• 46815	MWF	1000 - 1100	RLP 0.128	SAXENA, I
	T	830 - 930	WAG 208	
• 46820	MWF	1000 - 1100	RLP 0.128	SAXENA, I
	T	930 - 1030	SAC 5.102	
• 46825	MWF	1000 - 1100	RLP 0.128	SAXENA, I
	M	200 - 300P	RLP 0.104	
• 46830	MWF	1000 - 1100	RLP 0.128	SAXENA, I
	M	300 - 400P	WAG 112	

BIO 301L MOLECULES TO ORGANISMS
Designed to accommodate 100 or more students. Introduction to the structure and function of organisms from the molecular to the organ system level; an integrated approach to cell and molecular biology, genetics, development, and physiology of organisms. Biology 301L and 311C may not both be counted; Biology 301L and 311D maynot both be counted. Biology 301E and 301L may not both be counted. May not be counted toward a degree in the College of Natural Sciences. Designed for nonscience majors.

• 46835	TTH	930 - 1100	UTC 3.132	BATTERTON, J
	T	1100 - 1200	GAR 0.120	
• 46840	TTH	930 - 1100	UTC 3.132	BATTERTON, J
	T	1230 - 130P	GAR 0.120	
• 46845	TTH	930 - 1100	UTC 3.132	BATTERTON, J
	W	200 - 300P	SZB 422	
• 46850	TTH	930 - 1100	UTC 3.132	BATTERTON, J
	W	300 - 400P	JES A207A	
• 46855	TTH	1100 - 1230P	GSB 2.126	BATTERTON, J
	F	900 - 1000	GDC 2.410	
• 46860	TTH	1100 - 1230P	GSB 2.126	BATTERTON, J
	F	1000 - 1100	GDC 1.406	
• 46865	TTH	1100 - 1230P	GSB 2.126	BATTERTON, J
	TH	200 - 300P	GDC 4.302	
• 46870	TTH	1100 - 1230P	GSB 2.126	BATTERTON, J
	TH	330 - 430P	GDC 1.406	

BIO 301M ECOLOGY, EVOLUTION, & SOCIETY
Designed to accommodate 100 or more students. 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.

• 46875	TTH	1100 - 1230P	WEL 2.122	PIANKA, E
	W	800 - 900	RLP 0.122	

10/11/2018

course	unique	days	time	room	instructor
	• 46880	TTH	1100 - 1230P	WEL 2.122	PIANKA, E
		W	900 - 1000	RLP 0.122	
	• 46885	TTH	1100 - 1230P	WEL 2.122	PIANKA, E
		W	1000 - 1100	RLP 0.122	
	• 46890	TTH	1100 - 1230P	WEL 2.122	PIANKA, E
		W	1100 - 1200	GDC 2.410	

ECOLOGY, EVOLUTION, & SOCIETY

Designed to accommodate 100 or more students. 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. meets with BIO 301M.

• 46895	TTH	1100 - 1230P	WEL 2.122	PIANKA, E
	W	100 - 200P	GEA 127	
• 46900	TTH	1100 - 1230P	WEL 2.122	PIANKA, E
	W	200 - 300P	RLM 5.124	
• 46905	TTH	1100 - 1230P	WEL 2.122	PIANKA, E
	W	300 - 400P	RLM 5.126	
• 46910	TTH	1100 - 1230P	WEL 2.122	PIANKA, E
	W	400 - 500P	RLM 5.126	

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 first-year students in the Biology Scholars program.

• 46915	T	330 - 430P	PHR 2.114	BUSKIRK, R

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 the Biology Scholars program.

• 46920	M	1000 - 1100	JGB 2.202	RILEY, L

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.

• 46925	M	300 - 400P	BUR 106	MAAS, M
	T	900 - 100P	PAI 1.08	
• 46930	M	300 - 400P	BUR 106	MAAS, M
	T	900 - 100P	PAI 1.24	
• 46935	M	300 - 400P	BUR 106	MAAS, M
	W	900 - 100P	PAI 1.08	
• 46940	M	300 - 400P	BUR 106	MAAS, M
	W	900 - 100P	PAI 1.24	
• 46945	M	300 - 400P	BUR 106	MAAS, M
	TH	900 - 100P	PAI 1.08	
• 46950	M	300 - 400P	BUR 106	MAAS, M
	TH	900 - 100P	PAI 1.24	
• 46955	M	300 - 400P	BUR 106	MAAS, M
	F	900 - 100P	PAI 1.08	
• 46960	M	300 - 400P	BUR 106	MAAS, M
	F	900 - 100P	PAI 1.24	
• 46965	M	300 - 400P	BUR 106	MAAS, M
	T	130 - 530P	PAI 1.08	
• 46970	M	300 - 400P	BUR 106	MAAS, M
	T	130 - 530P	PAI 1.24	
• 46975	M	300 - 400P	BUR 106	MAAS, M
	W	130 - 530P	PAI 1.08	
• 46980	M	300 - 400P	BUR 106	MAAS, M
	TH	130 - 530P	PAI 1.08	
• 46985	M	300 - 400P	BUR 106	MAAS, M
	T	600 - 1000P	PAI 1.08	
• 46990	M	300 - 400P	BUR 106	MAAS, M
	W	600 - 1000P	PAI 1.08	
• 46995	M	300 - 400P	BUR 106	MAAS, M
	TH	600 - 1000P	PAI 1.08	
• 47000	M	400 - 500P	BUR 106	MAAS, M
	T	900 - 100P	PAI 1.18	
• 47005	M	400 - 500P	BUR 106	MAAS, M
	W	900 - 100P	PAI 1.18	
• 47010	M	400 - 500P	BUR 106	MAAS, M
	TH	900 - 100P	PAI 1.18	
• 47015	M	400 - 500P	BUR 106	MAAS, M
	F	900 - 100P	PAI 1.18	
• 47020	M	400 - 500P	BUR 106	MAAS, M
	T	130 - 530P	PAI 1.18	
• 47025	M	400 - 500P	BUR 106	MAAS, M
	W	130 - 530P	PAI 1.18	
• 47030	M	400 - 500P	BUR 106	MAAS, M
	W	130 - 530P	PAI 1.24	
• 47035	M	400 - 500P	BUR 106	MAAS, M
	TH	130 - 530P	PAI 1.18	
• 47040	M	400 - 500P	BUR 106	MAAS, M
	TH	130 - 530P	PAI 1.24	
• 47045	M	400 - 500P	BUR 106	MAAS, M
	T	600 - 1000P	PAI 1.18	
• 47050	M	400 - 500P	BUR 106	MAAS, M
	T	600 - 1000P	PAI 1.24	
• 47055	M	400 - 500P	BUR 106	MAAS, M
	W	600 - 1000P	PAI 1.18	
• 47060	M	400 - 500P	BUR 106	MAAS, M
	W	600 - 1000P	PAI 1.24	
• 47065	M	400 - 500P	BUR 106	MAAS, M
	TH	600 - 1000P	PAI 1.18	
• 47070	M	400 - 500P	BUR 106	MAAS, M
	TH	600 - 1000P	PAI 1.24	

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.

• 47075				CAMERON, 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.

• 47080				POTEET, M
• 47085				REICHLER, S
• 47090				SHEAR, R

LAB EXP BIO: STRC/FUNC ORG-FRI

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.

• 47095				RAMSEY, M

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 students in the Freshman Research Initiative.

• 47100				BECKHAM, J
• 47105				CLARK, G
• 47110				GONZALEZ, A
• 47115				GUTELL, R

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 students in the Freshman Research Initiative. Partially taught at Brackenridge Field Laboratory (BFL) in Austin, Texas.

• 47120				HOLLEY, J

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.

• 47125	M	1000 - 1100	BIO 301	MCMURRY, C
	M	100 - 500P	BIO 108	
• 47130	M	1000 - 1100	BIO 301	MCMURRY, C
	W	100 - 500P	BIO 108	
• 47135	M	1000 - 1100	BIO 301	MCMURRY, C
	F	100 - 500P	BIO 108	

BIO 311C 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.

• 47140	MWF	900 - 1000	JGB 2.324	MEHDY, M
	TH	830 - 930	RLP 0.118	
• 47145	MWF	900 - 1000	JGB 2.324	MEHDY, M
	TH	1000 - 1100	GAR 0.120	
• 47150	MWF	900 - 1000	JGB 2.324	MEHDY, M
	W	200 - 300P	GEA 114	

10/11/2010

course	unique	days	time	room	instructor
	• 47155	MWF	900 - 1000	JGB 2.324	MEHDY, M
		TH	200 - 300P	GDC 2.210	
	• 47160	MWF	900 - 1000	JGB 2.324	MEHDY, M
		W	300 - 400P	GEA 114	
	• 47165	MWF	900 - 1000	JGB 2.324	MEHDY, M
		TH	330 - 430P	BEN 1.126	
	• 47170	MWF	1000 - 1100	GEA 105	SATHASIVAN, K
		T	800 - 900	JES A217A	
	• 47175	MWF	1000 - 1100	GEA 105	SATHASIVAN, K
		W	800 - 900	JES A207A	
	• 47180	MWF	1000 - 1100	GEA 105	SATHASIVAN, K
		T	900 - 1000	SZB 524	
	• 47185	MWF	1000 - 1100	GEA 105	SATHASIVAN, K
		W	900 - 1000	JES A216A	
	• 47190	MWF	1000 - 1100	GEA 105	SATHASIVAN, K
		T	400 - 500P	GAR 0.128	
	• 47195	MWF	1000 - 1100	GEA 105	SATHASIVAN, K
		T	500 - 600P	RLP 0.104	
	• 47200	MWF	1000 - 1100	JGB 2.324	FRITZ, J
		TH	800 - 900	GDC 6.202	
	• 47205	MWF	1000 - 1100	JGB 2.324	FRITZ, J
		TH	900 - 1000	GAR 0.120	
	• 47210	MWF	1000 - 1100	JGB 2.324	FRITZ, J
		TH	100 - 200P	GAR 0.120	
	• 47215	MWF	1000 - 1100	JGB 2.324	FRITZ, J
		TH	200 - 300P	SZB 284	
	• 47220	MWF	1000 - 1100	JGB 2.324	FRITZ, J
		W	300 - 400P	BIO 301	
	• 47225	MWF	1000 - 1100	JGB 2.324	FRITZ, J
		W	400 - 500P	BIO 301	

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.

course	unique	days	time	room	instructor
	• 47230	MWF	1100 - 1200	GEA 105	SATHASIVAN, K
		T	1000 - 1100	JES A207A	
	• 47235	MWF	1100 - 1200	GEA 105	SATHASIVAN, K
		T	1100 - 1200	JES A207A	
	• 47240	MWF	1100 - 1200	GEA 105	SATHASIVAN, K
		M	200 - 300P	SZB 526	
	• 47245	MWF	1100 - 1200	GEA 105	SATHASIVAN, K
		T	200 - 300P	BEN 1.122	
	• 47250	MWF	1100 - 1200	GEA 105	SATHASIVAN, K
		M	300 - 400P	SZB 526	
	• 47255	MWF	1100 - 1200	GEA 105	SATHASIVAN, K
		T	300 - 400P	BEN 1.122	
	• 47260	MWF	200 - 300P	GEA 105	SATHASIVAN, K
		W	800 - 900	GDC 1.406	
	• 47265	MWF	200 - 300P	GEA 105	SATHASIVAN, K
		W	900 - 1000	GDC 2.502	
	• 47270	MWF	200 - 300P	GEA 105	SATHASIVAN, K
		W	1100 - 1200	RLP 0.106	
	• 47275	MWF	200 - 300P	GEA 105	SATHASIVAN, K
		W	1200 - 100P	GDC 6.202	
	• 47280	MWF	200 - 300P	GEA 105	SATHASIVAN, K
		T	200 - 300P	SZB 286	
	• 47285	MWF	200 - 300P	GEA 105	SATHASIVAN, K
		T	300 - 400P	JES A209A	
	• 47290	MWF	200 - 300P	JGB 2.324	FRITZ, J
		T	830 - 930	GDC 2.410	
	• 47295	MWF	200 - 300P	JGB 2.324	FRITZ, J
		T	930 - 1030	RLP 1.108	
	• 47300	MWF	200 - 300P	JGB 2.324	FRITZ, J
		T	1100 - 1200	GDC 1.406	
	• 47305	MWF	200 - 300P	JGB 2.324	FRITZ, J
		T	1230 - 130P	GDC 1.406	
	• 47310	MWF	200 - 300P	JGB 2.324	FRITZ, J
		T	200 - 300P	GAR 0.128	
	• 47315	MWF	200 - 300P	JGB 2.324	FRITZ, J
		T	330 - 430P	BEN 1.108	
	• 47320	MWF	1200 - 100P	CMA 2.306	FRITZ, J
		W	800 - 900	GDC 2.410	
	• 47325	MWF	1200 - 100P	CMA 2.306	FRITZ, J
		W	900 - 1000	GAR 2.128	
	• 47330	MWF	1200 - 100P	CMA 2.306	FRITZ, J
		M	300 - 400P	ECJ 1.314	
	• 47335	MWF	1200 - 100P	CMA 2.306	FRITZ, J
		T	300 - 400P	SZB 380	
	• 47340	MWF	1200 - 100P	CMA 2.306	FRITZ, J
		M	400 - 500P	GDC 1.406	
	• 47345	MWF	1200 - 100P	CMA 2.306	FRITZ, J
		T	400 - 500P	SZB 286	

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 and Discovery Scholars programs.

course	unique	days	time	room	instructor
	• 47350	MWF	1200 - 100P	GEA 105	LATHAM, A
		T	900 - 1000	JES A207A	
	• 47355	MWF	1200 - 100P	GEA 105	LATHAM, A
		W	900 - 1000	GAR 0.120	
	• 47360	MWF	1200 - 100P	GEA 105	LATHAM, A
		T	200 - 300P	PAR 208	
	• 47365	MWF	1200 - 100P	GEA 105	LATHAM, A
		T	330 - 430P	JES A216A	

BIO 311D INTRODUCTORY BIOLOGY II

Designed to accommodate 100 or more students. Introduction to mechanisms of inheritance, evolution, physiology, and species interactions. Biology 301L and 311D may not both be counted. Biology 301M and 311D maynot both be counted. Prerequisite: Biology 311C with a grade of at least C-.

course	unique	days	time	room	instructor
	• 47370	MWF	900 - 1000	CPE 2.208	HANSEN, D
		T	800 - 900	GDC 4.302	
	• 47375	MWF	900 - 1000	CPE 2.208	HANSEN, D
		T	900 - 1000	GAR 0.120	
	• 47380	MWF	900 - 1000	CPE 2.208	HANSEN, D
		T	1000 - 1100	GAR 0.120	
	• 47385	MWF	900 - 1000	CPE 2.208	HANSEN, D
		T	1100 - 1200	SZB 286	
	• 47390	MWF	900 - 1000	CPE 2.208	HANSEN, D
		T	200 - 300P	WAG 308	
	• 47395	MWF	900 - 1000	CPE 2.208	HANSEN, D
		T	330 - 430P	GAR 2.112	
	• 47400	MWF	900 - 1000	WEL 2.122	BUSKIRK, R
		TH	1000 - 1100	JES A203A	
	• 47405	MWF	900 - 1000	WEL 2.122	BUSKIRK, R
		W	1100 - 1200	BIO 301	
	• 47410	MWF	900 - 1000	WEL 2.122	BUSKIRK, R
		TH	1100 - 1200	SZB 286	
	• 47415	MWF	900 - 1000	WEL 2.122	BUSKIRK, R
		W	1200 - 100P	GAR 0.128	
	• 47420	MWF	900 - 1000	WEL 2.122	BUSKIRK, R
		W	200 - 300P	GEA 127	
	• 47425	MWF	900 - 1000	WEL 2.122	BUSKIRK, R
		W	300 - 400P	GEA 127	
	• 47430	MWF	1100 - 1200	JGB 2.324	MCCLELLAND, B
		T	1100 - 1200	BIO 301	
	• 47435	MWF	1100 - 1200	JGB 2.324	MCCLELLAND, B
		T	1230 - 130P	SZB 526	
	• 47440	MWF	1100 - 1200	JGB 2.324	MCCLELLAND, B
		M	300 - 400P	RLM 6.112	
	• 47445	MWF	1100 - 1200	JGB 2.324	MCCLELLAND, B
		T	300 - 400P	RLM 5.112	
	• 47450	MWF	1100 - 1200	JGB 2.324	MCCLELLAND, B
		M	400 - 500P	GEA 127	
	• 47455	MWF	1100 - 1200	JGB 2.324	MCCLELLAND, B
		T	400 - 500P	RLM 5.122	

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 maynot both be counted. Prerequisite: Biology 311C with a grade of at least C-.

course	unique	days	time	room	instructor
	• 47460	MWF	1100 - 1200	WEL 2.122	THIJS, A
		T	900 - 1000	SZB 284	
	• 47465	MWF	1100 - 1200	WEL 2.122	THIJS, A
		T	1000 - 1100	SZB 284	
	• 47470	MWF	1100 - 1200	WEL 2.122	THIJS, A
		T	100 - 200P	ETC 2.132	
	• 47475	MWF	1100 - 1200	WEL 2.122	THIJS, A
		T	200 - 300P	PAR 101	
	• 47480	MWF	1100 - 1200	WEL 2.122	THIJS, A
		M	300 - 400P	JGB 2.202	
	• 47485	MWF	1100 - 1200	WEL 2.122	THIJS, A
		M	400 - 500P	GDC 2.410	

INTRODUCTORY BIOLOGY II

Designed to accommodate 100 or more students. Introduction to mechanisms of inheritance, evolution, physiology, and species interactions. Biology 301L and 311D may not both be counted. Biology 301M and 311D maynot both be counted. Prerequisite: Biology 311C with a grade of at least C-.

course	unique	days	time	room	instructor
	• 47490	TTH	1100 - 1230P	PAI 2.48	PARTRIDGE, J
		TH	200 - 300P	JES A217A	
	• 47495	TTH	1100 - 1230P	PAI 2.48	PARTRIDGE, J
		TH	300 - 400P	JES A217A	
	• 47500	TTH	1100 - 1230P	PAI 2.48	PARTRIDGE, J
		TH	400 - 500P	JES A205A	
	• 47505	TTH	1100 - 1230P	PAI 2.48	PARTRIDGE, J
		F	900 - 1000	RLP 1.108	
	• 47510	TTH	1100 - 1230P	PAI 2.48	PARTRIDGE, J
		F	1000 - 1100	RLP 1.102	
	• 47515	TTH	1100 - 1230P	PAI 2.48	PARTRIDGE, J
		F	1100 - 1200	GDC 2.502	

10/11/2018

course	unique	days	time	room	instructor

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 maynot both be counted. Prerequisite: Biology 311C with a grade of at least C-.

• 47520	MWF	1200 - 100P	PAI 3.02	HANSEN, D
	TH	800 - 900	JES A218A	
• 47525	MWF	1200 - 100P	PAI 3.02	HANSEN, D
	TH	900 - 1000	SZB 284	
• 47530	MWF	1200 - 100P	PAI 3.02	HANSEN, D
	W	100 - 200P	GAR 0.132	
• 47535	MWF	1200 - 100P	PAI 3.02	HANSEN, D
	W	200 - 300P	PAR 303	
• 47540	MWF	1200 - 100P	PAI 3.02	HANSEN, D
	W	300 - 400P	PAR 303	
• 47545	MWF	1200 - 100P	PAI 3.02	HANSEN, D
	W	400 - 500P	PAR 304	
• 47550	TTH	1230 - 200P	JGB 2.324	ENGLISH, P
	W	100 - 200P	GDC 6.202	
• 47555	TTH	1230 - 200P	JGB 2.324	ENGLISH, P
	W	200 - 300P	GAR 1.126	
• 47560	TTH	1230 - 200P	JGB 2.324	ENGLISH, P
	W	300 - 400P	PAR 206	
• 47565	TTH	1230 - 200P	JGB 2.324	ENGLISH, P
	T	400 - 500P	GDC 2.502	
• 47570	TTH	1230 - 200P	JGB 2.324	ENGLISH, P
	W	400 - 500P	PAR 206	
• 47575	TTH	1230 - 200P	JGB 2.324	ENGLISH, P
	T	500 - 600P	GAR 0.128	
• 47580	MWF	100 - 200P	GEA 105	BUSKIRK, R
	TH	900 - 1000	JES A203A	
• 47585	MWF	100 - 200P	GEA 105	BUSKIRK, R
	F	900 - 1000	SZB 380	
• 47590	MWF	100 - 200P	GEA 105	BUSKIRK, R
	TH	1000 - 1100	SZB 524	
• 47595	MWF	100 - 200P	GEA 105	BUSKIRK, R
	F	1000 - 1100	JES A305A	
• 47600	MWF	100 - 200P	GEA 105	BUSKIRK, R
	TH	200 - 300P	RLM 5.112	
• 47605	MWF	100 - 200P	GEA 105	BUSKIRK, R
	TH	300 - 400P	RLM 7.112	
• 47610	MWF	200 - 300P	PAI 4.42	LEVIN, D
	T	800 - 900	SZB 284	
• 47615	MWF	200 - 300P	PAI 4.42	LEVIN, D
	T	900 - 1000	SZB 286	
• 47620	MWF	200 - 300P	PAI 4.42	LEVIN, D
	M	1200 - 100P	WAG 208	
• 47625	MWF	200 - 300P	PAI 4.42	LEVIN, D
	M	100 - 200P	GDC 2.210	
• 47630	MWF	200 - 300P	PAI 4.42	LEVIN, D
	T	100 - 200P	SZB 380	
• 47635	MWF	200 - 300P	PAI 4.42	LEVIN, D
	T	200 - 300P	SZB 524	
• 47640	TTH	200 - 330P	GEA 105	BATTERTON, J
	TH	830 - 930	GDC 2.410	
• 47645	TTH	200 - 330P	GEA 105	BATTERTON, J
	TH	930 - 1030	GEA 127	
• 47650	TTH	200 - 330P	GEA 105	BATTERTON, J
	TH	1100 - 1200	ETC 2.102	
• 47655	TTH	200 - 330P	GEA 105	BATTERTON, J
	W	300 - 400P	WAG 112	
• 47660	TTH	200 - 330P	GEA 105	BATTERTON, J
	W	400 - 500P	GDC 2.410	
• 47665	TTH	200 - 330P	GEA 105	BATTERTON, J
	W	500 - 600P	GDC 2.410	

INTRODUCTORY BIOLOGY II

Designed to accommodate 100 or more students. Introduction to mechanisms of inheritance, evolution, physiology, and species interactions. Biology 301L and 311D may not both be counted. Biology 301M and 311D maynot both be counted. Prerequisite: Biology 311C with a grade of at least C-.

• 47670	TTH	330 - 500P	PAI 3.02	LEVIN, D
	F	800 - 900	GDC 1.406	
• 47675	TTH	330 - 500P	PAI 3.02	LEVIN, D
	F	900 - 1000	GDC 1.406	
• 47680	TTH	330 - 500P	PAI 3.02	LEVIN, D
	F	1100 - 1200	JGB 2.202	
• 47685	TTH	330 - 500P	PAI 3.02	LEVIN, D
	F	1200 - 100P	RLM 6.112	
• 47690	TTH	330 - 500P	PAI 3.02	LEVIN, D
	TH	100 - 200P	SZB 240	
• 47695	TTH	330 - 500P	PAI 3.02	LEVIN, D
	TH	200 - 300P	SZB 286	

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 maynot both be counted. Prerequisite: Biology 311C with a grade of at least C-. Restricted to students in the Texas Interdisciplinary Plan.

• 47700	MWF	900 - 1000	WEL 2.110	THIJS, A
	TH	230 - 330P	BEN 1.106	
• 47705	MWF	900 - 1000	WEL 2.110	THIJS, A
	W	300 - 400P	JES A218A	
• 47710	MWF	900 - 1000	WEL 2.110	THIJS, A
	TH	330 - 430P	BEN 1.104	
• 47715	MWF	900 - 1000	WEL 2.110	THIJS, A
	W	400 - 500P	JES A218A	
• 47720	MWF	1000 - 1100	WEL 2.110	PATTERSON, K
	F	800 - 900	GDC 2.210	
• 47725	MWF	1000 - 1100	WEL 2.110	PATTERSON, K
	TH	230 - 330P	JES A203A	
• 47730	MWF	1000 - 1100	WEL 2.110	PATTERSON, K
	TH	330 - 430P	JES A218A	
• 47735	MWF	1000 - 1100	WEL 2.110	PATTERSON, K
	TH	500 - 600P	GDC 4.302	

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-.

• 47740	TTH	930 - 1100	BUR 112	CHAN, C
	F	800 - 900	GDC 4.304	
• 47745	TTH	930 - 1100	BUR 112	CHAN, C
	F	900 - 1000	GDC 4.304	
• 47750	TTH	930 - 1100	BUR 112	CHAN, C
	F	1100 - 1200	GDC 5.304	
• 47755	TTH	930 - 1100	BUR 112	CHAN, C
	F	1200 - 100P	GDC 5.304	
• 47760	TTH	930 - 1100	JGB 2.216	O'HALLORAN, T
	M	1200 - 100P	GDC 2.402	
• 47765	TTH	930 - 1100	JGB 2.216	O'HALLORAN, T
	W	1200 - 100P	GDC 2.402	
• 47770	TTH	930 - 1100	JGB 2.216	O'HALLORAN, T
	M	100 - 200P	GDC 2.502	
• 47775	TTH	930 - 1100	JGB 2.216	O'HALLORAN, T
	W	100 - 200P	RLP 1.108	
• 47780	TTH	1100 - 1230P	BUR 112	CHAN, C
	T	830 - 930	RLM 5.112	
• 47785	TTH	1100 - 1230P	BUR 112	CHAN, C
	T	930 - 1030	RLM 5.112	
• 47790	TTH	1100 - 1230P	BUR 112	CHAN, C
	M	200 - 300P	WAG 208	
• 47795	TTH	1100 - 1230P	BUR 112	CHAN, C
	M	300 - 400P	BIO 301	
• 47800	TTH	1100 - 1230P	BUR 208	QIAO, H
	M	800 - 900	GDC 2.410	
• 47805	TTH	1100 - 1230P	BUR 208	QIAO, H
	M	900 - 1000	GDC 2.502	
• 47810	TTH	1100 - 1230P	BUR 208	QIAO, H
	W	900 - 1000	ETC 2.114	
• 47815	TTH	1100 - 1230P	BUR 208	QIAO, H
	W	1000 - 1100	ETC 2.114	
• 47820	TTH	1230 - 200P	ECJ 1.214	DE LOZANNE, A
	M	200 - 300P	GDC 2.210	
• 47825	TTH	1230 - 200P	ECJ 1.214	DE LOZANNE, A
	W	200 - 300P	GAR 3.116	
• 47830	TTH	1230 - 200P	ECJ 1.214	DE LOZANNE, A
	M	300 - 400P	BUR 128	
• 47835	TTH	1230 - 200P	ECJ 1.214	DE LOZANNE, A
	W	300 - 400P	GDC 2.402	

BIO 320L CELL BIOLOGY LABORATORY

Explores the complex structures and functions of cells through direct observation and experimentation. Subjects may include regulation of genetranscription and translation, protein sorting, organelles and membrane trafficking, cytoskeletal dynamics, and cell division. Use a combinationof modern molecular biology, biochemistry, and microscopy techniques, with a strong emphasis placed on hypothesis-driven approaches, proper experimental design, and clear scientific writing and presentation. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Sciences 311. meets with BIO 349L.

• 47840	TTH	930 - 1230P	BME 2.306	MOON, J
• 47845	TTH	200 - 500P	BME 2.306	MOON, J

BIO 321G INTRO TO COMPUTATIONAL BIO-FRI

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. 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. Restricted to students in the Freshman Research Initiative.

• 47850	TTH	1100 - 1230P	FNT 1.104	ARASAPPAN, D

10/1/2018

course	unique	days	time	room	instructor

BIO 325 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.

• 47855	TTH	800 - 930	GDC 2.216	FISCHER, J
	T	200 - 300P	JES A209A	
• 47860	TTH	800 - 930	GDC 2.216	FISCHER, J
	W	200 - 300P	RLM 5.122	
• 47865	TTH	800 - 930	GDC 2.216	FISCHER, J
	T	300 - 400P	JES A203A	
• 47870	TTH	800 - 930	GDC 2.216	FISCHER, J
	W	300 - 400P	RLM 5.120	
• 47875	TTH	800 - 930	GDC 2.216	FISCHER, J
	T	400 - 500P	JES A203A	
• 47880	TTH	800 - 930	GDC 2.216	FISCHER, J
	W	400 - 500P	RLM 5.124	

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.

• 47885	MWF	900 - 1000	MEZ 1.306	KIM, G
	M	100 - 200P	SZB 284	
• 47890	MWF	900 - 1000	MEZ 1.306	KIM, G
	T	100 - 200P	JES A209A	
• 47895	MWF	900 - 1000	MEZ 1.306	KIM, G
	M	200 - 300P	JGB 2.202	
• 47900	MWF	900 - 1000	MEZ 1.306	KIM, G
	T	200 - 300P	JGB 2.202	
• 47905	MWF	900 - 1000	MEZ 1.306	KIM, G
	T	330 - 430P	JES A217A	
• 47910	MWF	900 - 1000	MEZ 1.306	KIM, G
	T	430 - 530P	JES A216A	
• 47915	MWF	1000 - 1100	MEZ 1.306	KIM, G
	W	1200 - 100P	JES A305A	
• 47920	MWF	1000 - 1100	MEZ 1.306	KIM, G
	M	100 - 200P	GAR 0.132	
• 47925	MWF	1000 - 1100	MEZ 1.306	KIM, G
	W	100 - 200P	JES A303A	
• 47930	MWF	1000 - 1100	MEZ 1.306	KIM, G
	M	200 - 300P	PAR 303	
• 47935	MWF	1000 - 1100	MEZ 1.306	KIM, G
	W	200 - 300P		
• 47940	MWF	1000 - 1100	MEZ 1.306	KIM, G
	M	300 - 400P	JES A207A	

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.

• 47945	TTH	1230 - 200P	GEA 105	FISCHER, J
	TH	930 - 1030	SAC 5.102	
• 47950	TTH	1230 - 200P	GEA 105	FISCHER, J
	W	900 - 1000	JES A207A	
• 47955	TTH	1230 - 200P	GEA 105	FISCHER, J
	TH	1030 - 1130	JES A207A	
• 47960	TTH	1230 - 200P	GEA 105	FISCHER, J
	W	1000 - 1100	JES A215A	
• 47965	TTH	1230 - 200P	GEA 105	FISCHER, J
	W	1200 - 100P	SAC 5.102	
• 47970	TTH	1230 - 200P	GEA 105	FISCHER, J
	W	1100 - 1200	JES A215A	

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.

• 47975	MWF	100 - 200P	RLM 4.102	SAXENA, I
	T	830 - 930	GAR 2.128	
• 47980	MWF	100 - 200P	RLM 4.102	SAXENA, I
	T	1000 - 1100	SZB 286	
• 47985	MWF	100 - 200P	RLM 4.102	SAXENA, I
	T	1100 - 1200		
• 47990	MWF	100 - 200P	RLM 4.102	SAXENA, I
	M	300 - 400P	MEZ 1.104	
• 47995	MWF	100 - 200P	RLM 4.102	SAXENA, I
	M	400 - 500P		
• 48000	MWF	100 - 200P	RLM 4.102	SAXENA, I
	M	500 - 600P	GDC 1.406	
• 48005	MWF	200 - 300P	ECJ 1.202	SAXENA, I
	W	900 - 1000	PHR 2.116	
• 48010	MWF	200 - 300P	ECJ 1.202	SAXENA, I
	W	1000 - 1100	PHR 2.116	
• 48015	MWF	200 - 300P	ECJ 1.202	SAXENA, I
	W	1100 - 1200	PHR 2.116	
• 48020	MWF	200 - 300P	ECJ 1.202	SAXENA, I
	T	1230 - 130P	SAC 5.102	
• 48025	MWF	200 - 300P	ECJ 1.202	SAXENA, I
	T	200 - 300P	GDC 4.302	
• 48030	MWF	200 - 300P	ECJ 1.202	SAXENA, I
	T	330 - 430P	GDC 6.202	

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.

• 48035	TTH	200 - 330P	PAI 3.02	ATKINSON, N
	TH	1000 - 1100	RLP 0.104	
• 48040	TTH	200 - 330P	PAI 3.02	ATKINSON, N
	W	1000 - 1100	JES A303A	
• 48045	TTH	200 - 330P	PAI 3.02	ATKINSON, N
	W	1100 - 1200	JES A205A	
• 48050	TTH	200 - 330P	PAI 3.02	ATKINSON, N
	TH	1100 - 1200		
• 48055	TTH	200 - 330P	PAI 3.02	ATKINSON, N
	TH	1230 - 130P	CBA 4.338	
• 48060	TTH	200 - 330P	PAI 3.02	ATKINSON, N
	W	1200 - 100P	GAR 2.112	

BIO 325H GENETICS: HONORS

Basic principles of genetics and evolution. Emphasis on population genetics and natural selection; structure and function of organ systems;behavioral ecology; and mutational analysis of organismal development. Biology 325 and 325H may not both be counted. Prerequisite: Biology 315H with a grade of at least C-.

• 48065	MWF	100 - 200P	WEL 2.110	LINDER, C
	T	1000 - 1100	SZB 524	
• 48070	MWF	100 - 200P	WEL 2.110	LINDER, C
	T	1100 - 1200	SZB 526	
• 48075	MWF	100 - 200P	WEL 2.110	LINDER, C
	T	400 - 500P	RLP 0.108	
• 48080	MWF	100 - 200P	WEL 2.110	LINDER, C
	T	500 - 600P	GDC 1.406	
• 48085	MWF	1100 - 1200	WEL 2.110	BUSKIRK, R
	T	1000 - 1100	JES A203A	
• 48090	MWF	1100 - 1200	WEL 2.110	BUSKIRK, R
	T	1100 - 1200	CBA 4.340	
• 48095	MWF	1100 - 1200	WEL 2.110	BUSKIRK, R
	M	200 - 300P	GDC 5.304	
• 48100	MWF	1100 - 1200	WEL 2.110	BUSKIRK, R
	M	300 - 400P	RLP 0.104	
• 48105	MWF	1200 - 100P	WEL 2.110	DE LOZANNE, A
	T	1230 - 130P	GDC 2.210	
• 48110	MWF	1200 - 100P	WEL 2.110	DE LOZANNE, A
	T	200 - 300P	GDC 2.210	
• 48115	MWF	1200 - 100P	WEL 2.110	DE LOZANNE, A
	M	400 - 500P	RLP 0.118	
• 48120	MWF	1200 - 100P	WEL 2.110	DE LOZANNE, A
	M	500 - 600P	GDC 2.402	

BIO 325L LAB EXPERIENCE IN GENETICS

Additional hour(s) to be arranged. 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.

• 48125	M	200 - 300P	PHR 2.110	BRUNER, K
	T	900 - 100P	PAI 1.40	
• 48130	M	200 - 300P	PHR 2.110	BRUNER, K
	W	900 - 100P	PAI 1.40	
• 48135	M	200 - 300P	PHR 2.110	BRUNER, K
	T	130 - 530P	PAI 1.40	
• 48140	M	200 - 300P	PHR 2.110	BRUNER, K
	W	130 - 530P	PAI 1.40	
• 48145	M	200 - 300P	PHR 2.110	BRUNER, K
	W	130 - 530P	PAI 1.44	
• 48150	M	200 - 300P	PHR 2.110	BRUNER, K
	TH	200 - 600P	PAI 1.40	
• 48155	M	200 - 300P	PHR 2.110	BRUNER, K
	T	600 - 1000P	PAI 1.40	
• 48160	M	200 - 300P	PHR 2.110	BRUNER, K
	W	600 - 1000P	PAI 1.44	

BIO 325T HUMAN GENETICS

Genomics, cancer genetics, identification and analysis of human disease genes, and monogenic and multifactorial traits in humans. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 48165	MWF	100 - 200P	WEL 2.140	VOKES, S
	W	200 - 300P	WEL 2.140	
• 48170	MWF	100 - 200P	WEL 2.140	VOKES, S
	W	400 - 500P	WEL 2.140	

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.

• 48175	M	200 - 300P	WCH 1.120	CAMBRONNE, E
	T	1100 - 200P	BME 2.106	

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course	unique	days	time	room	instructor
	• 48180	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		T	1100 - 200P	BME 2.204	
	• 48185	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		W	1100 - 200P	BME 2.106	
	• 48190	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		W	1100 - 200P	BME 2.204	
	• 48195	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		TH	1100 - 200P	BME 2.106	
	• 48200	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		TH	1100 - 200P	BME 2.204	
	• 48205	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		T	300 - 600P	BME 2.106	
	• 48210	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		T	300 - 600P	BME 2.204	
	• 48215	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		W	300 - 600P	BME 2.106	
	• 48220	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		W	300 - 600P	BME 2.204	
	• 48225	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		TH	300 - 600P	BME 2.106	
	• 48230	M	200 - 300P	WCH 1.120	CAMBRONNE, E
		TH	300 - 600P	BME 2.204	

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.

• 48235	MWF	1000 - 1100	BUR 108	SAXENA, P
	M	200 - 300P	MEZ 1.212	
• 48240	MWF	1000 - 1100	BUR 108	SAXENA, P
	M	300 - 400P	JES A218A	
• 48245	MWF	1000 - 1100	BUR 108	SAXENA, P
	M	400 - 500P	JES A218A	
• 48250	MWF	1000 - 1100	BUR 108	SAXENA, P
	M	500 - 600P	JES A218A	
• 48255	MWF	1100 - 1200	BUR 108	SAXENA, P
	W	800 - 900	JES A203A	
• 48260	MWF	1100 - 1200	BUR 108	SAXENA, P
	W	900 - 1000	JES A218A	
• 48265	MWF	1100 - 1200	BUR 108	SAXENA, P
	W	1100 - 1200	WAG 308	
• 48270	MWF	1100 - 1200	BUR 108	SAXENA, P
	W	1200 - 100P	WAG 112	

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. Restricted to students pursuing a degree in Nursing, Public Health, or Medical Laboratory Science.

• 48275	MWF	100 - 200P	BUR 108	SAXENA, P
	T	1200 - 100P	JES A205A	
• 48280	MWF	100 - 200P	BUR 108	SAXENA, P
	T	100 - 200P	SZB 240	
• 48285	MWF	100 - 200P	BUR 108	SAXENA, P
	T	200 - 300P	SZB 526	
• 48290	MWF	100 - 200P	BUR 108	SAXENA, P
	T	300 - 400P	SZB 286	

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-.

• 48295	MWF	900 - 1000	PAI 3.02	KING, P
	W	1000 - 1100	RLM 5.114	
• 48300	MWF	900 - 1000	PAI 3.02	KING, P
	W	1100 - 1200	RLM 5.120	
• 48305	MWF	900 - 1000	PAI 3.02	KING, P
	T	200 - 300P	JES A217A	
• 48310	MWF	900 - 1000	PAI 3.02	KING, P
	T	300 - 400P	SZB 278	
• 48315	MWF	1000 - 1100	BUR 112	WALKER, J
	T	300 - 400P	GDC 2.210	
• 48320	MWF	1000 - 1100	BUR 112	WALKER, J
	T	400 - 500P	GDC 2.210	
• 48325	MWF	1000 - 1100	BUR 112	WALKER, J
	M	200 - 300P	RLM 5.124	
• 48330	MWF	1000 - 1100	BUR 112	WALKER, J
	M	300 - 400P	RLM 5.126	
• 48335	MWF	1200 - 100P	BUR 116	WALKER, J
	W	900 - 1000	JES A209A	
• 48340	MWF	1200 - 100P	BUR 116	WALKER, J
	W	1000 - 1100	GDC 5.304	
• 48345	MWF	1200 - 100P	BUR 116	WALKER, J
	T	200 - 300P	RLM 7.112	
• 48350	MWF	1200 - 100P	BUR 116	WALKER, J
	T	300 - 400P	RLM 7.112	

BIO 327G GENOMICS

Genome structure, organization, and function of model organisms; theory and methodology of genetic and physical mapping; sequencing analysis and annotation; genome duplication and evolution; and ethics for biotechnology and cloning. Biology 327G and 337 (Topic: Genomics) may not both be counted. Prerequisite: Biology 325 or 325H with a grade of at least C-. meets with BIO 394M.

• 48355	TTH	1100 - 1230P	GDC 2.210	CHEN, Z

BIO 328D DISCOVERY LAB IN PLANT BIOLOGY

Designed to accommodate 35 or fewer students. Learning methods of experimental design, data gathering, data interpretation, and data presentation, including original experiments relating to questions of current interest in plant physiology. Biology 328D and 337 (Topic: Discovery Laboratory in Plant Biology) may not both be counted. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Sciences 311.

• 48360	M	100 - 400P	BIO 12H	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.

• 48365	TTH	1100 - 1230P	ECJ 1.204	DUDLEY, J

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.

• 48370	F	100 - 200P	BME 2.110	ULUG, E
	M	200 - 500P	BME 2.310	

BIO 331L LAB STUDIES IN MOLECULAR BIO

Explores molecular biology methods, experimental design, and analyses applicable to both research and fields such as healthcare, biotechnology, and genetic analyses. Conducts experiments in a research project format. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Sciences 311. meets with BIO 395.

• 48375	W	1100 - 1200	GDC 2.402	MEHDY, M
	W	100 - 600P	PAI 1.30	

BIO 337 HUMAN VARIATION

Course number may be repeated for credit when the topics vary. Recent developments and research methods in the biological sciences. Prerequisite: Biology 325 or 325H with a grade of at least C-; additional prerequisites vary with the topic. Topic description: The patterns of biological variation within and between human populations. Examines physical, genetic, and behavioral traits, and considers both the microevolutionary and cultural processes that in fluence those traits. meets with ANT 349C.

• 48380	MW	300 - 400P	RLP 0.112	
	F	1200 - 100P	SAC 5.172	
• 48385	MW	300 - 400P	RLP 0.112	
	M	1200 - 100P	SAC 5.172	
• 48390	MW	300 - 400P	RLP 0.112	
	W	1200 - 100P	SAC 5.172	

PLANT GROWTH AND DEVELOPMENT

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. Prerequisite: Biology 325 or 325H with a grade of at least C-; additional prerequisites vary with the topic. meets with BIO 388E.

• 48394	TTH	200 - 330P	BIO 301	HUQ, E

RENEWABLE RSRCS: ENVIR/FUTURE

Course number may be repeated for credit when the topics vary. Recent developments and research methods in the biological sciences. Prerequisite: Biology 325 or 325H with a grade of at least C-; additional prerequisites vary with the topic. Topic description: Greenhouse gases and their effect on climate and the oceans, renewable energy and materials such as biofuels, bioplastics, and green chemistry: minimizing the generation of chemical waste in manufa cturing processes.

• 48395	TTH	1230 - 200P	ECJ 1.314	POENIE, M

2-RESEARCH METHODS: UTEACH

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).

• 48400	M	900 - 1100	PAI 4.08	EKBERG, D
	W	900 - 1100	PAI 4.14	

2-RESEARCH METHODS: UTEACH

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.

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course	unique	days	time	room	instructor

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 PHY 341 (TOPIC 7).

• 48405	M	1100 - 100P	PAI 4.08	KUMAR, P
	W	1100 - 100P	PAI 4.14	

BIO 340L BIOLOGY OF BIRDS

Anatomy, physiology, classification, and ecology of birds. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Sciences 311.

• 48410	MW	1100 - 1200	JGB 2.202	KEITT, T
	M	200 - 500P	BIO 412	
• 48415	MW	1100 - 1200	JGB 2.202	KEITT, T
	T	200 - 500P	BIO 412	

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-.

• 48420	TTH	930 - 1100	GDC 4.302	KIM, J
	TH	1230 - 130P	JES A209A	
• 48425	TTH	930 - 1100	GDC 4.302	KIM, J
	TH	130 - 230P	JES A209A	
• 48430	TTH	930 - 1100	GDC 4.302	KIM, J
	TH	330 - 430P	JES A203A	
• 48435	TTH	930 - 1100	GDC 4.302	KIM, J
	TH	430 - 530P	JES A203A	
• 48440	MWF	1100 - 1200	BUR 134	XHEMALCE, B
	T	300 - 400P	GEA 127	
• 48445	MWF	1100 - 1200	BUR 134	XHEMALCE, B
	T	400 - 500P	SZB 434	
• 48450	MWF	1100 - 1200	BUR 134	XHEMALCE, B
	W	400 - 500P	JES A207A	
• 48455	MWF	1100 - 1200	BUR 134	XHEMALCE, B
	W	500 - 600P	JES A209A	

BIO 446L 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).

• 48460	MWF	1000 - 1100	SAC 1.402	HINES, M
	M	100 - 500P	PAI 3.22	
• 48461	MWF	1000 - 1100	SAC 1.402	HINES, M
	T	200 - 600P	PAI 3.20	
• 48462	MWF	1000 - 1100	SAC 1.402	HINES, M
	T	600 - 1000P	PAI 3.20	
• 48463	MWF	1000 - 1100	SAC 1.402	HINES, M
	TH	200 - 600P	PAI 3.20	
• 48464	MWF	1000 - 1100	SAC 1.402	HINES, M
	TH	600 - 1000P	PAI 3.20	
• 48465	MWF	1000 - 1100	SAC 1.402	HINES, M
	W	100 - 500P	PAI 3.22	
• 48470	MWF	1000 - 1100	SAC 1.402	HINES, M
	T	200 - 600P	PAI 3.22	
• 48475	MWF	1000 - 1100	SAC 1.402	HINES, M
	TH	200 - 600P	PAI 3.22	
• 48480	MWF	1000 - 1100	SAC 1.402	HINES, M
	M	500 - 900P	PAI 3.22	
• 48485	MWF	1000 - 1100	SAC 1.402	HINES, M
	W	500 - 900P	PAI 3.22	
• 48490	MWF	1000 - 1100	SAC 1.402	HINES, M
	T	600 - 1000P	PAI 3.22	
• 48495	MWF	1000 - 1100	SAC 1.402	HINES, M
	TH	600 - 1000P	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-.

• 48500	MW	200 - 330P	BUR 220	STEIN, D
	TH	830 - 930		
• 48505	MW	200 - 330P	BUR 220	STEIN, D
	TH	930 - 1030	RLM 5.112	
• 48510	MW	200 - 330P	BUR 220	STEIN, D
	W	200 - 300P	MEZ 1.212	
• 48515	MW	200 - 330P	BUR 220	STEIN, D
	W	300 - 400P	MEZ 2.212	

BIO 349L EXPERIMENTS IN DEV BIOL

Designed to accommodate 35 or fewer students. An investigation of methods and principles of developmental biology in alaboratory context, with emphasis on animal embryology using molecular techniques and microscopy. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Science 311. meets with BIO 320L.

• 48518	TTH	200 - 500P	BME 2.306	MOON, J
• 48519	TTH	930 - 1230P	BME 2.306	MOON, J

BIO 455L VERTEBRATE NATURAL HISTORY

Phylogeny, taxonomy, life histories, habits, and distribution. Prerequisite: The following with a grade of at least C-: Biology 325 or 325H, and Biology 206L, 208L, 226L, or Environmental Science 311.

• 48520	W	100 - 600P	BIO 411	LADUC, T

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-.

• 48525	TTH	930 - 1100	BUR 212	CUMMINGS, M
	W	1100 - 1200	GDC 6.202	
• 48530	TTH	930 - 1100	BUR 212	CUMMINGS, M
	W	1200 - 100P	WAG 208	
• 48535	TTH	930 - 1100	BUR 212	CUMMINGS, M
	W	200 - 300P	GDC 2.502	
• 48540	TTH	930 - 1100	BUR 212	CUMMINGS, M
	W	300 - 400P	MEZ 2.102	
• 48545	MWF	1200 - 100P	JGB 2.216	MCCLELLAND, B
	F	800 - 900	GDC 2.410	
• 48550	MWF	1200 - 100P	JGB 2.216	MCCLELLAND, B
	F	900 - 1000	JGB 2.202	
• 48555	MWF	1200 - 100P	JGB 2.216	MCCLELLAND, B
	F	1000 - 1100	GDC 2.410	
• 48560	MWF	1200 - 100P	JGB 2.216	MCCLELLAND, B
	F	1100 - 1200	GDC 2.210	
• 48565	MWF	100 - 200P	JGB 2.218	MCCLELLAND, B
	T	800 - 900	MEZ 1.204	
• 48570	MWF	100 - 200P	JGB 2.218	MCCLELLAND, B
	T	930 - 1030		
• 48575	MWF	100 - 200P	JGB 2.218	MCCLELLAND, B
	M	1100 - 1200	ECJ 1.304	
• 48580	MWF	100 - 200P	JGB 2.218	MCCLELLAND, B
	M	1200 - 100P	ETC 2.102	

BIO 359R ANIMAL SEXUALITY

Additional hour(s) to be arranged. The biology of sexuality, including genetics, morphology, physiology, and psychology of sex. Prerequisite: Biology 325 or 325H with a grade of at least C-. meets with BIO 383K.

• 48585	TTH	1100 - 1230P	GDC 5.304	CREWS, D

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.

• 48590	TTH	930 - 1100	BUR 136	TUCKER, H

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.

• 48595	M	500 - 600P	BME 2.110	ULUG, E
	W	100 - 500P	BME 2.310	
• 48600	M	500 - 600P	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.

• 48602	TTH	1100 - 1230P	RLM 5.104	BARTH, S

BIO 361L CLINICAL BACTERIOLOGY LAB

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.

• 48605	TTH	1230 - 130P	RLM 6.112	BARTH, S
	TTH	130 - 400P	BME 2.308	
• 48610	TTH	1230 - 130P	RLM 6.112	BARTH, S
	TTH	400 - 630P	BME 2.308	
• 48615	TTH	1230 - 130P		BARTH, S
	TTH	630 - 900P		

BIO 361T COMPARATIVE ANIMAL PHYSIOLOGY

Designed to accommodate 35 or fewer students. Physiology of organ systems in animal phyla, with special emphasis on physiological adaptations of organisms to their environment. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 48620	TTH	1100 - 1230P	GDC 6.202	MCANELLY, M
	M	200 - 300P	GEA 127	
• 48625	TTH	1100 - 1230P	GDC 6.202	MCANELLY, M
	M	300 - 400P	GEA 127	

BIO 365S HUMAN SYSTEMS PHYSIOLOGY

Designed to accommodate 100 or more students. 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

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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).

• 48630	TTH	800 - 930	GSB 2.126	CHENG, S
	M	900 - 1000	JES A209A	
• 48635	TTH	800 - 930	GSB 2.126	CHENG, S
	M	1000 - 1100	JES A303A	
• 48640	TTH	800 - 930	GSB 2.126	CHENG, S
	M	1200 - 100P	PAR 204	
• 48645	TTH	800 - 930	GSB 2.126	CHENG, S
	M	100 - 200P	JES A217A	

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).

• 48650	TTH	930 - 1100	GSB 2.126	CHENG, S
	W	1000 - 1100	BIO 301	
• 48655	TTH	930 - 1100	GSB 2.126	CHENG, S
	W	1100 - 1200	ECJ 1.314	
• 48660	TTH	930 - 1100	GSB 2.126	CHENG, S
	W	100 - 200P	GDC 2.210	
• 48665	TTH	930 - 1100	GSB 2.126	CHENG, S
	W	200 - 300P		

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 School of Nursing students.

• 48670	MWF	1100 - 1200	GAR 0.102	MACHART, J
	W	800 - 900	GDC 2.210	
• 48675	MWF	1100 - 1200	GAR 0.102	MACHART, J
	T	830 - 930	GDC 2.210	
• 48680	MWF	1100 - 1200	GAR 0.102	MACHART, J
	W	900 - 1000	GAR 0.132	
• 48685	MWF	1100 - 1200	GAR 0.102	MACHART, J
	T	930 - 1030		

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.

• 48690	M	100 - 500P	PAI 3.12	MACHART, J
• 48695	W	100 - 500P	PAI 3.12	MACHART, J
• 48700	W	100 - 500P	PAI 3.20	MACHART, J
• 48705	T	200 - 600P	PAI 3.12	MACHART, J
• 48710	T	200 - 600P	PAI 3.20	MACHART, J
• 48715	TH	200 - 600P	PAI 3.12	MACHART, J
• 48720	M	500 - 900P	PAI 3.12	MACHART, J
• 48725	W	500 - 900P	PAI 3.12	MACHART, J
• 48730	T	600 - 1000P	PAI 3.12	MACHART, J
• 48735	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-.

• 48740	TTH	1100 - 1230P	BUR 220	MOLINEUX, I

BIO 366R MOL GENETICS AND MEDICINE

Implementation of molecular genetics techniques in medicine. Includes application of diagnostic and therapeutic techniques for several geneticdisorders and infectious diseases. Prerequisite: Biology 325 or 325H with a grade of at least C-.

• 48745	MWF	1100 - 1200	PHR 2.114	LATHAM, A

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.

• 48750	TTH	930 - 1100	GDC 5.304	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-.

• 48755	TTH	930 - 1100	BUR 208	MUELLER, U
	W	800 - 900	GAR 2.128	
• 48760	TTH	930 - 1100	BUR 208	MUELLER, U
	W	900 - 1000	CMA 5.190	
• 48765	TTH	930 - 1100	BUR 208	MUELLER, U
	T	200 - 300P	SZB 380	
• 48770	TTH	930 - 1100	BUR 208	MUELLER, U
	T	300 - 400P	SZB 526	
• 48775	TTH	1100 - 1230P	BUR 108	THERIOT, E
	W	800 - 900	CMA 5.190	
• 48780	TTH	1100 - 1230P	BUR 108	THERIOT, E
	W	900 - 1000	CMA 3.114	
• 48785	TTH	1100 - 1230P	BUR 108	THERIOT, E
	T	300 - 400P	CAL 221	
• 48790	TTH	1100 - 1230P	BUR 108	THERIOT, E
	T	400 - 500P	CBA 4.338	
• 48795	TTH	1100 - 1230P	BUR 216	MATZ, M
	W	1100 - 1200	JES A209A	
• 48800	TTH	1100 - 1230P	BUR 216	MATZ, M
	W	1200 - 100P	JES A205A	
• 48805	TTH	1100 - 1230P	BUR 216	MATZ, M
	T	400 - 500P		
• 48810	TTH	1100 - 1230P	BUR 216	MATZ, M
	T	500 - 600P		
• 48815	TTH	1230 - 200P	BUR 208	THERIOT, E
	W	900 - 1000	RLM 5.126	
• 48820	TTH	1230 - 200P	BUR 208	THERIOT, E
	W	1000 - 1100	WAG 208	
• 48825	TTH	1230 - 200P	BUR 208	THERIOT, E
	W	200 - 300P	ETC 2.114	
• 48830	TTH	1230 - 200P	BUR 208	THERIOT, E
	W	300 - 400P		

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.

• 48835	W	1200 - 100P	GEA 114	ENGLISH, P
	W	100 - 500P	PAI 3.06	

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-.

• 48840	TTH	930 - 1100	JGB 2.218	GONZALEZ, L
	TH	200 - 300P	RLM 6.112	
• 48845	TTH	930 - 1100	JGB 2.218	GONZALEZ, L
	TH	300 - 400P	GEA 127	
• 48850	TTH	930 - 1100	JGB 2.218	GONZALEZ, L
	TH	400 - 500P	BIO 301	
• 48855	TTH	930 - 1100	JGB 2.218	GONZALEZ, L
	TH	500 - 600P	BUR 128	
• 48860	TTH	1100 - 1230P	JGB 2.216	GONZALEZ, L
	T	1230 - 130P	JGB 2.202	
• 48865	TTH	1100 - 1230P	JGB 2.216	GONZALEZ, L
	T	200 - 300P	MEZ 1.122	
• 48870	TTH	1100 - 1230P	JGB 2.216	GONZALEZ, L
	W	300 - 400P	RLM 6.112	
• 48875	TTH	1100 - 1230P	JGB 2.216	GONZALEZ, L
	W	400 - 500P	CMA 5.190	
• 48880	TTH	1230 - 200P	ART 1.110	GONZALEZ, L
	W	100 - 200P	GDC 2.502	
• 48885	TTH	1230 - 200P	ART 1.110	GONZALEZ, L
	W	200 - 300P	RLP 0.104	
• 48890	TTH	1230 - 200P	ART 1.110	GONZALEZ, L
	T	400 - 500P	GDC 2.402	
• 48895	TTH	1230 - 200P	ART 1.110	GONZALEZ, L
	T	500 - 600P	GDC 5.304	

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.

• 48900	W	100 - 600P	F20 119	GILBERT, L

BIO 374 PLANT ANATOMY WITH HISTOL TECH

Designed to accommodate 35 or fewer students. Tissue organization and cellular details of stems, roots, and leaves of seed plants, with emphasis on development and function. Prerequisite: Biology 325 or 325H with a grade of at least C-, and concurrent enrollment in Biology 174L. meets with BIO 387J.

• 48905	TTH	1100 - 1230P	BIO 108	BRADBURY, E

10/11/2018

course unique days time room instructor

BIO 174L LAB IN PLANT ANAT/HISTOL TECHS
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Demonstration of cellular details and tissue systems of plant organs; instruction in the preparation of plant materials for histological examination. Prerequisite: Credit with a grade of at least C- or registration for Biology 374; and the following with a grade of at least C-: 206L, 208L, 226L, or Environmental Sciences 311. meets with BIO 187L.
• 48910 TTH 100 - 200P BIO 108 BRADBURY, E

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-. meets with BIO 380C.
• 48915 TTH 930 - 1100 BIO 301 FOWLER, N

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.
• 48920

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. meets with BIO 377, CH 369K.
• 48925 W 100 - 200P WAG 308 BECKHAM, J

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.
• 48930

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.
• 48935

UNDERGRADUATE RESEARCH-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. 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. meets with BIO 177, CH 369K.
• 48940 W 100 - 200P WAG 308 BECKHAM, J

UNDERGRADUATE RESEARCH-FRI
Designed to accommodate 35 or fewer students. 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, CH 220C, CH 455.
• 48945 M 400 - 500P WEL 2.140 METOLA, P

BIO 379H HONORS TUTORIAL COURSE
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 48950

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.
• 48955

course unique days time room instructor

BIO 380C ADVANCED CONSERVATION BIOLOGY
Application of principles and concepts of ecology to the preservation ofwild plant and animal species and to the preservation, management, and restoration of natural and semi-natural ecosystems. Emphasis on biological aspects of issues such as endangered species protection, invasive species, preserve design, and forest management, via a set of case studies. Biology 380C and 384K (Topic: Advanced Topics in Conservation Biology) may not both be counted. Prerequisite: Graduate standing. meets with BIO 375.
• 48960 TTH 930 - 1100 BIO 301 FOWLER, N

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.
• 48965

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.
• 48970

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.
• 48975

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.
• 48980

BIO 382E EPIGENETICS
Offered on the letter-grade basis only. Study of how epigenetic modifications are covalent modifications of DNA or histones that cause changes in gene expression and how epigenetic modifications appear to be a method through which nurture or the environment can influence nature. Emphasis on how experience or environmental factors epigenetically modify health or behavior of animals. Only one of the following may be counted: Biology 381K (Topic: Epigenetics), 382E, Neuroscience 382E. Prerequisite: Graduate standing and consent of instructor. same as NEU 382E.
• 48985 TTH 1230 - 200P ATKINSON, N

BIO 382K INTRO TO BIO FOR DATA SCIENCE
Course number may be repeated for credit when the topics vary.
• 48990 W 900 - 1200 FNT 1.206A WYLIE, D

BIO 383K ANIMAL SEXUALITY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser. meets with BIO 359R.
• 48995 TTH 1100 - 1230P GDC 5.304 CREWS, D

BIO 384K TREE THINKING: PAST/PRESENT
Designed to accommodate 35 or fewer students. 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. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser; additional prerequisites vary with the topic. Topic description: Course explores the importance of evolutionary tree thinking, horizontal gene transfer, and endosymbiotic theory in light of David Quammen's new book "The Tangled Tree: A Radical New History of Lif e".
• 48997 M 200 - 500P NMS 1.106 HAVIRD, J

45-SEMNRS IN BRAIN BEHAV/EVOL
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.
• 49000 TTH 1100 - 1230P PAT 617 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.
• 49005 TH 200 - 300P NHB 1.720 LINDER, C

BIO 386K 3-ADV SBJCTS PLANT SYSTEMATICS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 49010 F 300 - 600P BIO 214 JANSEN, R

BIO 387J ADVANCED PLANT ANATOMY
Plant anatomy in relation to development and differentiation, systematics, and evolution. Prerequisite: Graduate standing, consent of instructor and the graduate adviser, and concurrent enrollment in Biology 187L. meets with BIO 374.
• 49015 TTH 1100 - 1230P BIO 108 BRADBURY, E

BIO 187L LAB IN ADVANCED PLANT ANATOMY
Demonstration of cellular details and tissue systems of plant organs, and instruction on the preparation of plant materials for histological examination. Prerequisite: Graduate standing, consent of instructor and the graduate adviser, and concurrent enrollment in Biology 387J. meets with BIO 174L.
• 49020 TTH 100 - 200P BIO 108 BRADBURY, E

as of 11/2018

course	unique	days	time	room	instructor

BIO 388E PLANT GROWTH AND DEVELOPMENT
Designed to accommodate 35 or fewer students. Emphasis on whole plant physiology, especially growth and development, water relations, and mineral nutrition of vascular plants. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser. meets with BIO 337.

• 49024	TTH	200 - 330P	BIO 301	HUQ, E

BIO 389E SUBJ/SKILLS GRAD STDNTS BIO II
Designed to accommodate 35 or fewer students. Explores the general subjects and skills required of research scientists, with an emphasis on the research, teaching, and service skills needed by professional biologists, as well as on the major research themes and questions in ecology, evolution, and behavior. Builds on the writing skills developed in Biology 389D to include issuesof ethical behavior in research, effective presentation of results, oral presentation skills, interacting with the media, work-life balance, and public outreach. Biology 384D and 389E may not both be counted. Prerequisite: Graduate standing, Biology 389D, and consent of instructorand graduate adviser.

• 49025	W	900 - 1200	PAT 142	FARRIOR, C

BIO 390D FNDMNTLS INTG ANIMAL BEHAV
Introduction to major principles and questions in animal behavior with emphasis on why animals behave the way they do. Study of both the proximate and ultimate issues of animal behavior, how it is acquired and regulated, and how it evolved. Emphasis on integration of proximate and ultimate analyses in the various domains in which animals behave. Prerequisite: Graduate standing, and consent of instructor and the graduate adviser.

• 49030	TTH	1230 - 200P	PAT 142	CUMMINGS, M

BIO 394M GENOMICS
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 327G.

• 49035	TTH	1100 - 1230P	GDC 2.210	CHEN, Z

STRUCTURAL BIOLOGY METHODS
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 BCH 387D, BCH 364D.

• 49039	TTH	930 - 1100	JGB 2.202	MCLELLAN, J

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.

• 49040	W	1100 - 1200	GDC 2.402	MEHDY, M
	W	100 - 600P	PAI 1.30	

BIO 395F GENETICS
Basic principles of Mendelian and molecular genetics, and an explorationof the genetic toolbox using examples of analytic methods and modern genetic manipulations. Focus on the genetic analysis of model organisms. Use of genetic tools in dissecting complex biological pathways, developmental processes, and regulatory systems. Prerequisite: Graduate standing. An introductory course in genetics, such as Biology 325, is strongly recommended. same as CH 395F, MOL 395F.

• 49045	TTH	930 - 1100	NMS 4.106	MILLER, K

BIO 395H CELL BIOLOGY
Designed to accommodate 35 or fewer students. Detailed consideration of mechanisms of growth control, cell cycle regulation, mitosis, cell signaling, protein targeting, and the integration of these processes. Prerequisite: Graduate standing; and consent of instructor or Biology 395F and 395G, Chemistry 395F and 395G, Molecular Biology 395F and 395G. same as CH 395H, MOL 395H.

• 49050	TTH	930 - 1100	MBB 1.210	WALLINGFORD, J

BIO 395M ADVANCED MICROBIOLOGY
Prokaryotic and lower eukaryote genome organization; control of gene/operon/regulon expression; chromosome replication and its control; signal transduction; protein trafficking; organelle assembly; the cell cycle and its control; developmental processes; cell to cell communication; and DNA polymorphisms and adaption. Restricted to microbiology students. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.

• 49055	M	400 - 700P	NMS 1.120	MOLINEUX, I

BIO 396R MICROBIOLOGY RESEARCH SEMINAR
Designed to accommodate 35 or fewer students. 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.

• 49060	F	200 - 300P	NMS 1.120	CHAN, C

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.
• 49065

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.
• 49070

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.
• 49075

BIO 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 49080

BIO 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 49085

BIO 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 49090

BIO 399W DISSERTATION
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Biology 399R, 699R, 999R, or the equivalent.
• 49095

BIO 699W DISSERTATION
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Biology 399R, 699R, 999R, or the equivalent.
• 49100

BIO 999W DISSERTATION
Offered on the credit/no credit basis only. May be repeated for credit. Prerequisite: Biology 399R, 699R, 999R, or the equivalent.
• 49105

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. Mandatory exams 7-9pm Wednesdays, February 13, March 13, April 10, and May 8.

• 49160	MWF	900 - 1000	BUR 106	
• 49165	TTH	1100 - 1230P	WCH 1.120	

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-.

• 49170	TTH	800 - 930	BUR 106	BIBERDORF, K
• 49175	TTH	930 - 1100	BUR 106	MCCORD, S
• 49180	MWF	1000 - 1100	JES A121A	SPARKS, S
• 49185	MWF	1100 - 1200	UTC 2.112A	
• 49190	TTH	1100 - 1230P	BUR 106	MCCORD, S
• 49195	MWF	1200 - 100P	UTC 2.112A	
• 49200	TTH	1230 - 200P	BUR 106	BIBERDORF, K
• 49205	TTH	200 - 330P	BUR 106	LAUDE, D

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-. Restricted to students in the Texas Interdisciplinary Plan. Mandatory exams 7-9pm Thursdays, February 14, March 14, April 18, and May 9.

• 49210	MWF	1200 - 100P	WEL 2.122	FAKHREDDINE, F
	TH	1230 - 130P	PAI 4.28	
• 49215	MWF	1200 - 100P	WEL 2.122	FAKHREDDINE, F
	W	100 - 200P	PAI 4.28	
• 49220	MWF	1200 - 100P	WEL 2.122	FAKHREDDINE, F
	TH	200 - 300P	PAI 4.28	
• 49225	MWF	1200 - 100P	WEL 2.122	FAKHREDDINE, F
	TH	300 - 400P	PAI 4.28	
• 49230	MWF	200 - 300P	WEL 2.122	FAKHREDDINE, F
	TH	830 - 930	PAI 4.28	
• 49235	MWF	200 - 300P	WEL 2.122	FAKHREDDINE, F
	TH	1000 - 1100	PAI 4.28	
• 49240	MWF	200 - 300P	WEL 2.122	FAKHREDDINE, F
	TH	1100 - 1200	PAI 4.28	

Draft 11/2018

course	unique	days	time	room	instructor
	• 49245	MWF	200 - 300P	WEL 2.122	FAKHREDDINE, F
		W	300 - 400P	PAI 4.28	

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-. Restricted to students in the Texas Interdisciplinary Plan, Discovery Scholars, or Gateway Scholars programs.

• 49250	MWF	1000 - 1100	WEL 2.122	WALKER, D
	T	1230 - 200P	WEL 2.110	
• 49255	MWF	100 - 200P	UTC 4.134	WALKER, D
	TH	1230 - 200P	WEL 2.110	

CH 302H PRINCIPLES OF CHEM II: HONORS

Only one of the following may be counted: Chemistry 302, 302H, 305. Prerequisite: Chemistry 301H with a grade of at least C-; credit with a grade of at least C- or registration for one of the following: Mathematics 408C, 408D, 408K (or 308K), 308L, 408L, 408M, 408N, 408R, or 408S.

• 49260	TTH	1100 - 1230P	JGB 2.218	CAMPION, A

CH 204 INTRO TO CHEMICAL PRACT-FRI

Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.

• 49265				RIEDEL, T

INTRO TO CHEMICAL PRACT-FRI

Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Freshman Research Initiative

• 49270				MISHLER, D

INTRO TO CHEMICAL PRACT-FRI

Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Freshman Research Initiative.

• 49275				BAGCHI, D
• 49280				ILARDI, E

INTRO TO CHEMICAL PRACT-FRI

Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Freshman Research Initiative.

• 49285				BECKHAM, J
• 49290				DEPUE WARD, L
• 49295				DYLLA, A
• 49300				MACKRELL, A
• 49305				ROGERS, K
• 49310				SANDY, M
• 49315				STOVALL, G
• 49320				YANG, S
• 49325				ZAMORA-OLIVARES, D

INTRO TO CHEMICAL PRACTICE

Designed to accommodate 100 or more students. 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.

• 49330	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	900 - 100P	WEL 5.130	
• 49335	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	900 - 100P	WEL 5.132	
• 49340	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	900 - 100P	WEL 5.134	
• 49345	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	900 - 100P	WEL 5.136	
• 49350	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	900 - 100P	WEL 5.146	
• 49355	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	100 - 500P	WEL 5.130	
• 49360	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	100 - 500P	WEL 5.132	
• 49365	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	100 - 500P	WEL 5.134	
• 49370	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	100 - 500P	WEL 5.136	
• 49375	M	800 - 900	WEL 2.122	BARANOVA, Z
	M	100 - 500P	WEL 5.146	
• 49380	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	900 - 100P	WEL 5.130	
• 49385	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	900 - 100P	WEL 5.132	
• 49390	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	900 - 100P	WEL 5.134	
• 49395	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	900 - 100P	WEL 5.136	
• 49400	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	900 - 100P	WEL 5.146	
• 49405	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	100 - 500P	WEL 5.130	
• 49410	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	100 - 500P	WEL 5.132	
• 49415	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	100 - 500P	WEL 5.134	
• 49420	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	100 - 500P	WEL 5.136	
• 49425	T	800 - 900	WEL 2.122	BARANOVA, Z
	T	100 - 500P	WEL 5.146	
• 49430	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	900 - 100P	WEL 5.130	
• 49435	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	900 - 100P	WEL 5.132	
• 49440	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	900 - 100P	WEL 5.134	
• 49445	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	900 - 100P	WEL 5.136	
• 49450	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	900 - 100P	WEL 5.146	
• 49455	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	100 - 500P	WEL 5.130	
• 49460	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	100 - 500P	WEL 5.132	
• 49465	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	100 - 500P	WEL 5.134	
• 49470	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	100 - 500P	WEL 5.136	
• 49475	W	800 - 900	WEL 2.122	BARANOVA, Z
	W	100 - 500P	WEL 5.146	
• 49480	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	900 - 100P	WEL 5.130	
• 49485	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	900 - 100P	WEL 5.132	
• 49490	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	900 - 100P	WEL 5.134	
• 49495	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	900 - 100P	WEL 5.136	
• 49500	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	900 - 100P	WEL 5.146	
• 49505	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	100 - 500P	WEL 5.130	
• 49510	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	100 - 500P	WEL 5.132	
• 49515	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	100 - 500P	WEL 5.134	
• 49520	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	100 - 500P	WEL 5.136	
• 49525	TH	800 - 900	GAR 0.102	BARANOVA, Z
	TH	100 - 500P	WEL 5.146	
• 49530	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	900 - 100P	WEL 5.130	
• 49535	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	900 - 100P	WEL 5.132	
• 49540	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	900 - 100P	WEL 5.134	
• 49545	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	900 - 100P	WEL 5.146	
• 49550	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	100 - 500P	WEL 5.130	
• 49555	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	100 - 500P	WEL 5.132	
• 49560	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	100 - 500P	WEL 5.134	
• 49565	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	100 - 500P	WEL 5.136	
• 49570	F	800 - 900	WEL 2.122	BARANOVA, Z
	F	100 - 500P	WEL 5.146	
• 49575	M	100 - 200P	UTC 2.102A	BARANOVA, Z
	M	500 - 900P	WEL 5.130	
• 49580	M	100 - 200P	UTC 2.102A	BARANOVA, Z
	M	500 - 900P	WEL 5.132	

10/11/2018

course	unique	days	time	room	instructor
	• 49585	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		M	500 - 900P	WEL 5.134	
	• 49590	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		M	500 - 900P	WEL 5.136	
	• 49595	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		M	500 - 900P	WEL 5.146	
	• 49600	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		T	500 - 900P	WEL 5.130	
	• 49605	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		T	500 - 900P	WEL 5.132	
	• 49610	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		T	500 - 900P	WEL 5.134	
	• 49615	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		T	500 - 900P	WEL 5.136	
	• 49620	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		T	500 - 900P	WEL 5.146	
	• 49625	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		W	500 - 900P	WEL 5.130	
	• 49630	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		W	500 - 900P	WEL 5.132	
	• 49635	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		W	500 - 900P	WEL 5.134	
	• 49640	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		W	500 - 900P	WEL 5.136	
	• 49645	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		W	500 - 900P	WEL 5.146	
	• 49650	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		TH	500 - 900P	WEL 5.130	
	• 49655	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		TH	500 - 900P	WEL 5.132	
	• 49660	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		TH	500 - 900P	WEL 5.134	
	• 49665	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		TH	500 - 900P	WEL 5.136	
	• 49670	M	100 - 200P	UTC 2.102A	BARANOVA, Z
		TH	500 - 900P	WEL 5.146	

CH 304K CHEMISTRY IN CONTEXT I

Designed to accommodate 100 or more students. 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.

• 49675	MWF	200 - 300P	FAC 21	SUTCLIFFE, S

CH 305 CHEMISTRY IN CONTEXT II

Designed to accommodate 100 or more students. 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.

• 49680	TTH	330 - 500P	UTC 2.112A	SUTCLIFFE, S

CH 206K UNDERGRADUATE RESEARCH

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. 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.

• 49685

CH 107 HEALTH PROFESSIONS SEMINAR

Additional hour(s) to be arranged. Offered on the pass/fail basis only. Course number may be repeated for credit when the topics vary. Supervised study in chemistry. May not be counted toward a major or minor in chemistry. Restricted to health professions majors.

• 49690	F	200 - 300P	GSB 2.124	COLAPRET, J

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.

• 49695 MILLER, M

CH 108 CONFERENCE COURSE

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.

• 49700	MW	500 - 630P	CBA 4.342	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. Restricted to chemistry majors.

course	unique	days	time	room	instructor
	• 49705	M	1000 - 1100	PHR 2.114	JONES, R
		TTH	900 - 1200	WEL 5.148	
	• 49710	M	1000 - 1100	PHR 2.114	JONES, R
		MW	100 - 400P	WEL 5.148	
	• 49715	M	1000 - 1100	PHR 2.114	JONES, R
		MW	500 - 800P	WEL 5.148	
	• 49720	M	1000 - 1100	PHR 2.114	JONES, R
		TTH	500 - 800P	WEL 5.148	

CH 220C ORGANIC CHEM LABORATORY-FRI

Additional hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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 369K, BIO 377, CH 455.

• 49725	M	400 - 500P	WEL 2.140	METOLA, P

ORGANIC CHEM LABORATORY-FRI

Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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 the students in the Freshman Research Initiative.

• 49730 ILARDI, E

ORGANIC CHEMISTRY LABORATORY

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.

• 49735	M	500 - 600P	WCH 1.120	FJETLAND, C
	TH	800 - 1200	NHB 1.102	
• 49740	M	500 - 600P	WCH 1.120	FJETLAND, C
	TH	800 - 1200	NHB 1.106	
• 49745	M	500 - 600P	WCH 1.120	FJETLAND, C
	TH	800 - 1200	NHB 1.110	
• 49750	M	500 - 600P	WCH 1.120	FJETLAND, C
	TH	800 - 1200	NHB 1.116	
• 49755	M	500 - 600P	WCH 1.120	FJETLAND, C
	TH	800 - 1200	NHB 1.118	
• 49760	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	200 - 600P	NHB 1.102	
• 49765	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	200 - 600P	NHB 1.106	
• 49770	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	200 - 600P	NHB 1.110	
• 49775	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	200 - 600P	NHB 1.116	
• 49780	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	200 - 600P	NHB 1.118	
• 49785	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	200 - 600P	NHB 1.124	
• 49790	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	200 - 600P	NHB 1.126	
• 49795	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	630 - 1030P	NHB 1.102	
• 49800	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	630 - 1030P	NHB 1.106	
• 49805	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	630 - 1030P	NHB 1.110	
• 49810	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	630 - 1030P	NHB 1.116	
• 49815	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	630 - 1030P	NHB 1.118	
• 49820	M	500 - 600P	WCH 1.120	FJETLAND, C
	W	630 - 1030P	NHB 1.124	
• 49825	TH	500 - 600P	JES A121A	FJETLAND, C
	W	800 - 1200	NHB 1.102	
• 49830	TH	500 - 600P	JES A121A	FJETLAND, C
	W	800 - 1200	NHB 1.106	
• 49835	TH	500 - 600P	JES A121A	FJETLAND, C
	W	800 - 1200	NHB 1.110	
• 49840	TH	500 - 600P	JES A121A	FJETLAND, C
	W	800 - 1200	NHB 1.116	
• 49845	TH	500 - 600P	JES A121A	FJETLAND, C
	W	800 - 1200	NHB 1.118	
• 49850	TH	500 - 600P	JES A121A	FJETLAND, C
	W	800 - 1200	NHB 1.124	
• 49855	TH	500 - 600P	JES A121A	FJETLAND, C
	T	200 - 600P	NHB 1.102	
• 49860	TH	500 - 600P	JES A121A	FJETLAND, C
	T	200 - 600P	NHB 1.106	
• 49865	TH	500 - 600P	JES A121A	FJETLAND, C
	T	200 - 600P	NHB 1.110	

course	unique	days	time	room	instructor
	• 49870	TH	500 - 600P	JES A121A	FJETLAND, C
		T	200 - 600P	NHB 1.116	
	• 49875	TH	500 - 600P	JES A121A	FJETLAND, C
		T	200 - 600P	NHB 1.118	
	• 49880	TH	500 - 600P	JES A121A	FJETLAND, C
		T	200 - 600P	NHB 1.124	
	• 49885	TH	500 - 600P	JES A121A	FJETLAND, C
		T	200 - 600P	NHB 1.126	
	• 49890	TH	500 - 600P	JES A121A	FJETLAND, C
		T	630 - 1030P	NHB 1.102	
	• 49895	TH	500 - 600P	JES A121A	FJETLAND, C
		T	630 - 1030P	NHB 1.106	
	• 49900	TH	500 - 600P	JES A121A	FJETLAND, C
		T	630 - 1030P	NHB 1.110	
	• 49905	TH	500 - 600P	JES A121A	FJETLAND, C
		T	630 - 1030P	NHB 1.116	
	• 49910	TH	500 - 600P	JES A121A	FJETLAND, C
		T	630 - 1030P	NHB 1.118	
	• 49915	TH	500 - 600P	JES A121A	FJETLAND, C
		T	630 - 1030P	NHB 1.124	
	• 49920	TH	500 - 600P	JES A121A	FJETLAND, C
		T	630 - 1030P	NHB 1.126	

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.

• 49925	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	800 - 1200	NHB 1.102	
• 49930	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	800 - 1200	NHB 1.106	
• 49935	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	800 - 1200	NHB 1.110	
• 49940	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	800 - 1200	NHB 1.116	
• 49945	TH	830 - 930	WCH 1.120	FJETLAND, C
	T	800 - 1200	NHB 1.102	
• 49950	TH	830 - 930	WCH 1.120	FJETLAND, C
	T	800 - 1200	NHB 1.106	
• 49955	TH	830 - 930	WCH 1.120	FJETLAND, C
	T	800 - 1200	NHB 1.110	
• 49960	TH	830 - 930	WCH 1.120	FJETLAND, C
	T	800 - 1200	NHB 1.116	
• 49965	TH	830 - 930	WCH 1.120	FJETLAND, C
	T	800 - 1200	NHB 1.124	
• 49970	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	200 - 600P	NHB 1.102	
• 49975	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	200 - 600P	NHB 1.106	
• 49980	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	200 - 600P	NHB 1.110	
• 49985	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	200 - 600P	NHB 1.116	
• 49990	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	200 - 600P	NHB 1.118	
• 49995	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	200 - 600P	NHB 1.124	
• 50000	TH	830 - 930	WCH 1.120	FJETLAND, C
	M	200 - 600P	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 7-9pm Tuesdays, February 19, March 26, and April 23. meets with CH 328M.

• 50005	MWF	1100 - 1200	SAC 1.402	DRAGNA, 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 7-9pm Wednesdays, February 20, March 27, and April 24. meets with CH 328M.

• 50010	TTH	800 - 930	UTC 2.102A	COLAPRET, J

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 7-9pm Thursdays, February 21, March 28, and April 25.

• 50015	MWF	1200 - 100P	BUR 106	SHABBIR, S
• 50020	MWF	100 - 200P	BUR 106	SHABBIR, S

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 7-9pm Tuesdays, February 19, March 26, and April 23.

• 50025	TTH	930 - 1100	WCH 1.120	SESSLER, J

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 7-9pm Wednesdays, February 20, March 27, and April 24.

• 50030	MWF	1000 - 1100	BUR 106	COLAPRET, 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.

• 50035	M	200 - 300P	JGB 2.216	FJETLAND, C
	M	630 - 930P	NHB 1.102	
• 50040	M	200 - 300P	JGB 2.216	FJETLAND, C
	M	630 - 930P	NHB 1.106	
• 50045	M	200 - 300P	JGB 2.216	FJETLAND, C
	M	630 - 930P	NHB 1.110	
• 50050	M	200 - 300P	JGB 2.216	FJETLAND, C
	M	630 - 930P	NHB 1.116	
• 50055	M	200 - 300P	JGB 2.216	FJETLAND, C
	M	630 - 930P	NHB 1.118	
• 50060	M	200 - 300P	JGB 2.216	FJETLAND, C
	M	630 - 930P	NHB 1.124	
• 50065	M	200 - 300P	JGB 2.216	FJETLAND, C
	M	630 - 930P	NHB 1.126	

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.

• 50070	TH	200 - 300P	GSB 2.124	FJETLAND, C
	TH	300 - 600P	NHB 1.102	
• 50075	TH	200 - 300P	GSB 2.124	FJETLAND, C
	TH	300 - 600P	NHB 1.106	
• 50080	TH	200 - 300P	GSB 2.124	FJETLAND, C
	TH	300 - 600P	NHB 1.110	
• 50085	TH	200 - 300P	GSB 2.124	FJETLAND, C
	TH	300 - 600P	NHB 1.116	
• 50090	TH	200 - 300P	GSB 2.124	FJETLAND, C
	TH	630 - 930P	NHB 1.102	
• 50095	TH	200 - 300P	GSB 2.124	FJETLAND, C
	TH	630 - 930P	NHB 1.106	
• 50100	TH	200 - 300P	GSB 2.124	FJETLAND, C
	TH	630 - 930P	NHB 1.116	

CH 328M 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 students. Mandatory exams 7-9pm Tuesdays, February 19, March 26, and April 23. meets with CH 320M.

• 50105	MWF	1100 - 1200	SAC 1.402	DRAGNA, 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 students. Mandatory exams 7-9pm Wednesdays, February 20, March 27, and April 24. meets with CH 320M.

• 50110	TTH	800 - 930	UTC 2.102A	COLAPRET, J

CH 328N ORGANIC CHEMISTRY II-CH MAJS

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. Mandatory exams 7-9pm Wednesdays, February 20, March 27, and April 24.

• 50115	TTH	930 - 1100	BUR 130	ANSLYN, E

ORGANIC CHEMISTRY II-ENGR MAJS

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 Cockrell School of Engineering students. Mandatory exams 7-9pm Wednesdays, February 20, March 27, and April 24.

• 50120	TTH	1230 - 200P	WEL 2.122	WILLSON, C

Spring 2010

course	unique	days	time	room	instructor

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.

course	unique	days	time	room	instructor
•	50125	TTH	930 - 1100	WEL 2.122	JONES, R
		F	900 - 1200	WEL 5.140	
•	50130	TTH	930 - 1100	WEL 2.122	JONES, R
		F	100 - 400P	WEL 5.140	
•	50135	TTH	930 - 1100	WEL 2.122	JONES, R
		M	200 - 500P	WEL 5.140	
•	50140	TTH	930 - 1100	WEL 2.122	JONES, R
		T	200 - 500P	WEL 5.140	
•	50145	TTH	930 - 1100	WEL 2.122	JONES, R
		W	200 - 500P	WEL 5.140	
•	50150	TTH	930 - 1100	WEL 2.122	JONES, R
		TH	200 - 500P	WEL 5.140	
•	50155	TTH	930 - 1100	WEL 2.122	JONES, R
		M	600 - 900P	WEL 5.140	
•	50160	TTH	930 - 1100	WEL 2.122	JONES, R
		W	600 - 900P	WEL 5.140	

CH 341 LAB TECHS IN INORGANIC CHEM

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.

course	unique	days	time	room	instructor
•	50165	F	1000 - 1100	GAR 2.124	QUE, E
		MW	900 - 1200	WEL 5.140	

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.

course	unique	days	time	room	instructor
•	50170	TTH	1100 - 1230P	WEL 2.110	ROBERTS, S
•	50175	TTH	1230 - 200P	BUR 212	ELBER, R

CH 153K PHYSICAL CHEMISTRY LABORATORY

Designed to accommodate 35 or fewer students. Prerequisite: Chemistry 353 or 353M with a grade of at least C-.

course	unique	days	time	room	instructor
•	50180	TH	930 - 1230P	WEL 4.138	WORDEN, M
•	50185	W	1000 - 100P	WEL 4.138	WORDEN, M
•	50190	T	200 - 500P	WEL 4.138	WORDEN, M
•	50195	W	200 - 500P	WEL 4.138	WORDEN, M
•	50200	TH	200 - 500P	WEL 4.138	WORDEN, M
•	50205	T	600 - 900P	WEL 4.138	WORDEN, M
•	50210	W	600 - 900P	WEL 4.138	WORDEN, M
•	50215	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.

course	unique	days	time	room	instructor
•	50220	TTH	1100 - 1230P	BUR 130	WEBB, L

CH 354 QUANTUM CHEM AND SPECTROSCOPY

Fundamental principles of quantum mechanics, exactly soluble model problems, electronic structure of atoms and molecules, spectroscopy. Prerequisite: Chemistry 353 or 353M with a grade of at least C-.

course	unique	days	time	room	instructor
•	50225	TTH	930 - 1100	BUR 108	CAMPION, A

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.

course	unique	days	time	room	instructor
•	50230	T	200 - 500P	WEL 4.140	WORDEN, M
•	50235	W	200 - 500P	WEL 4.140	WORDEN, M

CH 354M INTRO TO COMPU MTHDS IN CHEM

Construction and implementation of numerical algorithms for solving differential equations which are common in chemistry. Subjects include chemical reaction rates, quantum mechanics, molecular dynamics, normal modes of vibration, and Monte Carlo methods. Only one of the following may be counted: Chemistry 354M, 368 (Topic: Applied Math and Computation in Chemistry), 368 (Topic: Computational Chemistry), 368 (Topic: Intro to Computational Methods in Chemistry). Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 302 or 302H, and Chemistry 353 or 353M. meets with CH 382J.

course	unique	days	time	room	instructor
•	50240	TTH	1230 - 200P	GDC 6.202	HENKELMAN, G

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.

course	unique	days	time	room	instructor
•	50245	TTH	1230 - 200P	BUR 216	LAUDE, D
		W	1000 - 100P	WEL 4.110	
•	50250	TTH	1230 - 200P	BUR 216	LAUDE, D
		M	200 - 500P	WEL 4.110	
•	50255	TTH	1230 - 200P	BUR 216	LAUDE, D
		T	200 - 500P	WEL 4.110	
•	50260	TTH	1230 - 200P	BUR 216	LAUDE, D
		W	200 - 500P	WEL 4.110	
•	50265	TTH	1230 - 200P	BUR 216	LAUDE, D
		TH	200 - 500P	WEL 4.110	
•	50270	TTH	1230 - 200P	BUR 216	LAUDE, D
		T	930 - 1230P	WEL 4.110	
•	50275	TTH	1230 - 200P	BUR 216	LAUDE, D
		TH	930 - 1230P	WEL 4.110	

FUNDMTL ANLYTCL CHEM-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. 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. meets with CH 220C, CH 369K, BIO 377.

course	unique	days	time	room	instructor
•	50277	M	400 - 500P	WEL 2.140	METOLA, P

CH 456 ANALYTICAL CHEMISTRY

Designed to accommodate 35 or fewer students. 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.

course	unique	days	time	room	instructor
•	50280	TTH	1100 - 1230P	WEL 2.140	SCHIAVINATO EBERLI
		T	200 - 500P	WEL 4.124	
•	50285	TTH	1100 - 1230P	WEL 2.140	SCHIAVINATO EBERLI
		TH	930 - 1230P	WEL 4.124	

CH 366C ADV INORG CH ORGMTLC/CTLSIS

An in-depth and mostly chronological study of the evolution of organometallic and inorganic coordination chemistry, and its continued critical importance in a range of industrial processes. Covers a range of topical catalytic processes, paying particular attention to how chemical bonding and kinetics can be exploited to affect the relative rates of reaction. Chemistry 366C and 368 (Topic: Advanced Inorganic Chemistry: Organometallic Chemistry and Catalysis) may not both be counted. Prerequisite: Credit with a grade of at least C- in Chemistry 431. meets with CH 390K.

course	unique	days	time	room	instructor
•	50290	TTH	200 - 330P	GDC 6.202	ROSE, M

CH 367C MATERIALS CHEMISTRY-FRI

Designed to accommodate 35 or fewer students. Introduction to structural and physical properties of materials and synthetic strategies for making new materials in the nanoscale and mesoscale regimes, in addition to covering instrumental methods used to probe materials properties. Some aspects of applications (semiconductor devices, solar and fuel cells, smart and responsive materials) will be covered to illustrate the kinds of material properties that need to be considered in designing novel materials of specific function. Restricted to chemistry majors. Prerequisite: Upper-division standing, and Chemistry 302 and 353 with a grade of at least C- in each. Chemistry 431 or 354L with a grade of at least C- is recommended. Restricted to students in the Freshman Research Initiative.

course	unique	days	time	room	instructor
•	50294	TTH	200 - 330P	WEL 2.128	DUNCAN, J

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.

course	unique	days	time	room	instructor
•	50295	WF	900 - 1030	CPE 2.222	PEPPAS, N

CH 368 ADVANCED 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 391.

course	unique	days	time	room	instructor
•	50300	TTH	200 - 330P	WEL 2.140	MARTIN, S

BIOPHYSICS

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.

course	unique	days	time	room	instructor
•	50305	TTH	200 - 330P	RLP 0.108	BAIZ, C

NUCLEAR & RADIOCHEMISTRY

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: 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 M E 390T.

course	unique	days	time	room	instructor
•	50310	W	900 - 1200	NEL 2.106	LANDSBERGER, S

draft 11/2018

course	unique	days	time	room	instructor

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).

• 50315	M	900 - 1100	PAI 4.08	EKBERG, D
	W	900 - 1100	PAI 4.14	

CH 368L PEER TEACHING

Hour(s) to be arranged. Chemistry 368 (Topic: Peer Teaching) and 368L may not both be counted.

• 50320					RODENBUSCH, S

CH 369K TECHNIQUES OF RESEARCH

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.

• 50325					

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.

• 50330	TTH	200 - 330P	WEL 2.128	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 CH 220C, BIO 377, CH 455.

• 50335	M	400 - 500P	WEL 2.140	METOLA, P

TECHNIQUES OF RESEARCH-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. 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.

• 50340	W	100 - 200P	WAG 308	BECKHAM, J

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.

• 50345					MILLER, M

CH 372C CHEM PEER MENTORS IN RSCH/TCH

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.

• 50350	MWF	1200 - 100P	WEL 2.140	SPARKS, S

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.

• 50355	MWF	900 - 1000	WEL 2.140	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.

• 50360					SPARKS, S
• 50365					SPARKS, S

CH 372S STUDY/RESEARCH ABROAD: AIF

Hour(s) to be arranged. 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.

• 50370					HUMPHREY, S

CH 376K ADVANCED ANALYTICAL CHEMISTRY

Prerequisite: Chemistry 353 and 456 with a grade of at least C- in each.

• 50375	MW	100 - 200P	PHR 2.114	SHEAR, J
	T	930 - 1230P	WEL 4.124	
• 50380	MW	100 - 200P	PHR 2.114	SHEAR, J
	M	200 - 500P	WEL 4.124	
• 50385	MW	100 - 200P	PHR 2.114	SHEAR, J
	W	200 - 500P	WEL 4.124	
• 50390	MW	100 - 200P	PHR 2.114	SHEAR, J
	TH	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.

• 50395					

CH 382J SURVEY OF PHYSICAL CHEMISTRY

Designed to accommodate 35 or fewer students. Surface chemistry and catalysis, transport properties, macromolecules, electrochemistry and electrolyte solutions, molecular thermodynamics, solution kinetics, and photochemistry. Prerequisite: Graduate standing and consent of instructor. meets with CH 354M.

• 50400	TTH	1230 - 200P	GDC 6.202	HENKELMAN, G

CH 386K ADVANCED ORGANIC CHEMISTRY

Designed to accommodate 35 or fewer students. Advanced organic chemistry, with emphasis on synthetic methods. Prerequisite: Graduate standing, six semester hours of coursework in organic chemistry, and six semester hours of coursework in physical chemistry.

• 50405	MWF	1000 - 1100	GAR 0.132	KRISCHE, M

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.

• 50410	TH	330 - 500P	WEL 2.122	HENKELMAN, G

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.

• 50415	F	300 - 500P	WEL 2.122	ANSLYN, E

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.

• 50420	S	1000 - 1100	WEL 2.122	JONES, R
• 50425	W	300 - 500P	WEL 2.122	HUMPHREY, S

CH 390K ADV INORG: ORGANOMET CH/CATAL

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. Prerequisite: Graduate standing in chemistry, Chemistry 380L, and consent of instructor. Topic title: Advanced inorganic: Organometallic chemistry and catalysis. meets with CH 366C.

• 50430	TTH	200 - 330P	GDC 6.202	ROSE, M

CH 390L MODERN EXP CHEMICAL SCIENCE

Course number may be repeated for credit when the topics vary. Topics include electrochemistry, electronics, mathematical methods, massspectrometry, and optical methods. Prerequisite: Graduate standing and consent of instructor.

• 50435	T	500 - 630P	WEL 3.134	CROOKS, R
	TH	430 - 600P	WEL 3.134	

course unique days time room instructor

1-ADV ANLYTCL CH: ELECTROCHEM
Course number may be repeated for credit when the topics vary. Topics include electrochemistry, electronics, mathematical methods, massspectrometry, and optical methods. Designed to introduce the fundamental principles of electrochemistry. An overview of the structure and properties of the electrode/solution interface is presented, and followed by a more detailed discussion of how thermodynamics, kinetics, and mass transfer affect electrochemical processes. Includes specific electrochemical methods, including potential step and sweep techniques, pulse voltammetry, impedance spectroscopy, and hydrodynamic methods. Focuses on specialized electrochemical phenomena, including: photoelectrochemistry, coupled electrochemical and homogeneous reactions, and bulk electrolysis. Introduces the use of digital simulations to solve electrochemical problems. Chemistry 390L (Topic: Advanced Analytical Chemistry: Electrochemistry) and 390L (Topic 1) may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 50440 MWF 900 - 1000 WEL 2.422A BARD, A

CH 391 ADVANCED ORGANIC CHEMISTRY
Designed to accommodate 35 or fewer students. 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 CH 368.
• 50445 TTH 200 - 330P WEL 2.140 MARTIN, S

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.
• 50450

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.
• 50455

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.
• 50460

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.
• 50465

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.
• 50470

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.
• 50475

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.
• 50480

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.
• 50485

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.
• 50490

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.
• 50495

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.
• 50500

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.
• 50505

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.
• 50510

CH 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 50515

CH 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 50520

CH 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 50525

CH 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemistry 399R, 699R, or 999R.
• 50530

CH 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemistry 399R, 699R, or 999R.
• 50535

CH 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Chemistry 399R, 699R, or 999R.
• 50540

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.
• 50595 MWF 900 - 1000
F 900 - 1000
• 50600 MWF 900 - 1000 GDC 2.216
F 1000 - 1100 GDC 6.202
• 50605 MWF 900 - 1000 GDC 2.216
F 1100 - 1200 GDC 6.202
• 50610 MWF 900 - 1000 GDC 2.216
F 1200 - 100P SAC 5.102
• 50615 MWF 900 - 1000 GDC 2.216
F 100 - 200P SAC 5.102
• 50620 MWF 900 - 1000 GDC 2.216
F 200 - 300P RLP 0.104
• 50625 MWF 1200 - 100P GDC 2.216

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.
• 50630 TTH 200 - 330P GDC 2.216 COFFMAN-WOLPH, S
• 50635 TTH 330 - 500P GDC 2.216 COFFMAN-WOLPH, S

C S 103F ETHICAL FNDTN COMP SCIENCE
An introduction to reasoning about the effects of the technology createdby computer scientists and understanding the ethical and real-world consequences of that technology. Emphasizes direct participation and discussion using case studies to illustrate ethical topics. Computer Science 103F and 109 (Topic: Ethical Foundations of Computer Science) may not both be counted.
• 50640 T 200 - 300P GSB 2.124 NORMAN, A

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-.
• 50645 F 200 - 300P GDC 1.304 DOWNING, G

10/11/2018

course	unique	days	time	room	instructor

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-.

• 50650	MW	1000 - 1100	GDC 6.202	TREJO, A

C S 109 — COMPUTER PROGRAMMING: PYTHON

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 50655	MW	100 - 200P	GDC 4.302	PETERS, A

C S 309 — AUTONOM INTELLGNT ROBTCS I-FRI

Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Restricted to students in the Freshman Research Initiative.

• 50660	TTH	330 - 500P	WEL 2.128	HART, J

QUANTUM COMPUTING-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. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic. Restricted to students in the Freshman Research Initiative. meets with PHY 108.

• 50665	TTH	330 - 500P	SEA 2.122	LA COUR, B

ROBOT LEARNING - FRI

Restricted enrollment; contact the department for permission to register for this class. Course number may be repeated for credit when the topics vary. Prerequisite: Varies with the topic.

• 50670	TTH	1200 - 130P	WEL 2.128	NIEKUM, S

C S 311 — DISCRETE MATH FOR COMPUTER SCI

A focus on discrete mathematical tools of fundamental importance to the working computer scientist. An emphasis is placed on using logical notation to express rigorous mathematical arguments. Subjects include proof by induction, introduction to graph theory, recurrences, sets, functions, and an introduction to program correctness. Only one of the following may be counted: Computer Science 311, 311H, 313H, 313K, 336, 336H. Restricted to computer science majors. Prerequisite: The following coursework with a grade of at least C- in each: Computer Science 312 or 312H; and Mathematics 408C, 408K, or 408N, or registration for Mathematics 408C.

• 50675	TTH	930 - 1100	GDC 2.216	BULKO, W
	F	1000 - 1100	GDC 2.210	
• 50680	TTH	930 - 1100	GDC 2.216	BULKO, W
	F	1100 - 1200	PAR 101	
• 50685	TTH	930 - 1100	GDC 2.216	BULKO, W
	F	1200 - 100P	GDC 2.210	
• 50690	TTH	930 - 1100	GDC 2.216	BULKO, W
	F	300 - 400P	GDC 1.406	

DISCRETE MATH FOR COMPUTER SCI

Designed to accommodate 100 or more students. A focus on discrete mathematical tools of fundamental importance to the working computer scientist. An emphasis is placed on using logical notation to express rigorous mathematical arguments. Subjects include proof by induction, introduction to graph theory, recurrences, sets, functions, and an introduction to program correctness. Only one of the following may be counted: Computer Science 311, 311H, 313H, 313K, 336, 336H. Restricted to computer science majors. Prerequisite: The following coursework with a grade of at least C- in each: Computer Science 312 or 312H; and Mathematics 408C, 408K, or 408N, or registration for Mathematics 408C.

• 50695	TTH	1230 - 200P	GDC 2.216	FRAIJ, F
	F	1000 - 1100	GDC 4.304	
• 50700	TTH	1230 - 200P	GDC 2.216	FRAIJ, F
	F	1200 - 100P	GAR 0.128	
• 50705	TTH	1230 - 200P	GDC 2.216	FRAIJ, F
	F	100 - 200P	GDC 2.502	
• 50710	TTH	1230 - 200P	GDC 2.216	FRAIJ, F
	F	200 - 300P	GDC 2.502	

C S 312 — INTRODUCTION TO PROGRAMMING

First part of a two-part sequence in programming. Fundamental concepts of structured programming; procedures and data structures with a focus on problem solving strategies and implementation; introduction to concepts of informal specification, informal reasoning about program behavior, debugging, and ad hoc testing. Only one of the following courses may be counted: Computer Science 303E,305J, 312, 312H. Credit for Computer Science 312 may not be earned aftera student has received credit for Computer Science 314 or 314H. Prerequisite: Credit with a grade of at least C- or registration for Mathematics 408C, 408K, or 408N.

• 50715	TTH	1230 - 200P	UTC 3.132	
	M	200 - 300P	ETC 2.114	
• 50720	TTH	1230 - 200P	UTC 3.132	
	M	300 - 400P	ETC 2.114	

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-.

• 50725	MWF	1100 - 1200	RLP 0.130	MITRA, S
• 50730	MWF	100 - 200P	GDC 2.216	MITRA, S
• 50735	MWF	200 - 300P		MITRA, S
• 50739	TTH	1230 - 200P	RLM 6.104	BULKO, W

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-.

• 50740	MWF	1000 - 1100	GDC 2.216	SCOTT, M
	M	900 - 1000	PAR 306	
• 50745	MWF	1000 - 1100	GDC 2.216	SCOTT, M
	M	100 - 200P	PAR 101	
• 50750	MWF	1000 - 1100	GDC 2.216	SCOTT, M
	M	100 - 200P	PAR 206	
• 50755	MWF	1000 - 1100	GDC 2.216	SCOTT, M
	M	200 - 300P	PAR 206	
• 50760	MWF	1000 - 1100	GDC 2.216	SCOTT, M
	M	300 - 400P	PAR 208	
• 50765	MWF	1100 - 1200	GDC 2.216	SCOTT, M
	M	1000 - 1100	CBA 4.348	
• 50770	MWF	1100 - 1200	GDC 2.216	SCOTT, M
	M	1000 - 1100	ECJ 1.222	
• 50775	MWF	1100 - 1200	GDC 2.216	SCOTT, M
	M	1200 - 100P	PAR 303	
• 50780	MWF	1100 - 1200	GDC 2.216	SCOTT, M
	M	300 - 400P	PAR 206	
• 50785	MWF	1100 - 1200	GDC 2.216	SCOTT, M
	M	300 - 400P	PAR 303	

C S 324E — ELEM OF GRAPHICS & VISUALIZATN

Basics of two- and three-dimensional computer graphics systems, modelingand rendering, and selected graphics software APIs. Other topics may include interactive graphics, animation, graphical user interfaces, and the graphical presentation of information. May not be counted toward a degree in computer science. Prerequisite: One of the following with a grade of at least C-: Computer Science 303E, 305J, 307, 312, 312H, 314, 314H, 315, 315H, Electrical Engineering 422C.

• 50790	MWF	300 - 400P	RLP 0.102	ABRAHAM, S

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.

• 50795	M	600 - 900P	RLP 1.106	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).

• 50800	MW	200 - 400P	WAG 101	YOUNG, W
	F	900 - 1100	UTC 1.116	
• 50805	MW	200 - 400P	WAG 101	YOUNG, W
	F	1100 - 100P	UTC 1.116	
• 50810	MW	200 - 400P	WAG 101	YOUNG, W
	F	100 - 300P	UTC 1.116	
• 50815	MW	400 - 600P	WAG 101	YOUNG, W
	F	900 - 1100	UTC 1.116	
• 50820	MW	400 - 600P	WAG 101	YOUNG, W
	F	1100 - 100P	UTC 1.116	
• 50825	MW	400 - 600P	WAG 101	YOUNG, W
	F	100 - 300P	UTC 1.116	

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-.

• 50830	MW	200 - 330P	GSB 2.126	BEASLEY, A
• 50835	TTH	200 - 330P	UTC 3.110	BEASLEY, A

ELEMENTS OF MOBILE COMPUTING

Designed to accommodate 35 or fewer students. 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-.

• 50840	MWF	100 - 200P	GSB 2.126	ABRAHAM, 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-.

• 50845	MW	1100 - 1230P	BUR 112	FRAIJ, F
• 50850	MW	200 - 330P	BUR 112	FRAIJ, F

2017/2018

course	unique	days	time	room	instructor

ELEMS 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-.

• 50855	MWF	200 - 300P	WAG 420	MITRA, S

C S 429H COMP ORGANIZATN & ARCH: HONORS
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 coursework with a grade of at least C- in each: Computer Science 311, 311H, 313H, or 313K; Computer Science 314, 314H, 315, or 315H.

• 50860	TTH	500 - 700P	GDC 5.302	GHEITH, A
	F	1100 - 100P	CBA 4.326	
• 50865	TTH	500 - 700P	GDC 5.302	GHEITH, A
	F	100 - 300P	CBA 4.326	

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).

• 50870	MW	930 - 1100	GDC 1.304	FRAIJ, F
	F	100 - 200P	CBA 4.344	
• 50875	MW	930 - 1100		FRAIJ, F
	F	200 - 300P		
• 50880	TTH	1100 - 1230P	GDC 1.304	GAL, A
	F	1000 - 1100	ECJ 1.222	
• 50885	TTH	1100 - 1230P	GDC 1.304	GAL, A
	F	1100 - 1200	ECJ 1.314	
• 50890	TTH	200 - 330P	GDC 1.304	RAMACHANDRAN, V
	F	1000 - 1100	CBA 4.344	
• 50895	TTH	200 - 330P	GDC 1.304	RAMACHANDRAN, V
	F	100 - 200P	GDC 4.302	
• 50900	MW	330 - 500P	GDC 1.304	MOSHKOVITZ AARONSO
	F	1000 - 1100	CBA 4.348	
• 50905	MW	330 - 500P	GDC 1.304	MOSHKOVITZ AARONSO
	F	1100 - 1200	CBA 4.348	

C S 331H ALGORITHMS AND COMPLEXITY: HON
An investigation of algorithmic paradigms: divide and conquer, dynamic programming, greedy algorithms, graph algorithms, randomized algorithms, undecidability; NP-completeness, approximation algorithm, sorting lower bound, selected topics from amortized analysis, network flow, and linear programming. 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).

• 50910	MW	200 - 330P	GDC 1.304	PRICE, E
	F	1000 - 1100	RLP 0.122	
• 50915	MW	200 - 330P	GDC 1.304	PRICE, E
	F	1100 - 1200	RLP 0.122	

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-.

• 50920	MW	900 - 1100	UTC 3.122	NORMAN, A
	F	900 - 1100	GDC 4.302	
• 50925	MW	900 - 1100	UTC 3.122	NORMAN, A
	F	1100 - 100P	CBA 4.324	
• 50930	MW	900 - 1100	UTC 3.122	NORMAN, A
	F	100 - 300P	CBA 4.324	
• 50935	MW	1100 - 100P	UTC 3.122	NORMAN, A
	F	900 - 1100	CBA 4.332	
• 50940	MW	1100 - 100P	UTC 3.122	NORMAN, A
	F	1100 - 100P	CBA 4.330	
• 50945	MW	1100 - 100P	UTC 3.122	NORMAN, A
	F	100 - 300P	CBA 4.330	
• 50950	TTH	700 - 900P	GDC 1.304	GHEITH, A
	F	1200 - 200P	CBA 4.348	
• 50955	TTH	700 - 900P	GDC 1.304	GHEITH, A
	F	200 - 400P	CBA 4.332	

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-.

• 50960	MW	930 - 1100	GDC 4.304	HUNT, W

C S 342C COMPUTATIONAL BRAIN
An examination of the brain as a computational system composed of different layers of abstraction. Focus on scientific writing, with weekly reviews of relevant scientific papers. Computer Science 342C and 378 (Topic: Computational Brain) may not both be counted. 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).

• 50965	M	200 - 330P	GDC 4.302	BALLARD, D
	T	200 - 330P	ETC 2.102	
• 50970	M	200 - 330P	GDC 4.302	BALLARD, D
	W	200 - 330P	CBA 4.342	

C S 343H ARTIFICIAL INTELLIGENCE: HON
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).

• 50975	TTH	1230 - 200P	PAR 203	NIEKUM, S

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-.

• 50980	MWF	1200 - 100P	GDC 4.302	ABRAHAM, S

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.

• 50985	MW	330 - 500P	BEN 1.122	HUANG, Q

C S 354T GAME DEV CAPSTNE: 3-D GAMES
Participation in interdisciplinary teams to gain a thorough understanding of the three-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 354T, Music 354T, 376J (Topic: Game Development Capstone: 3D Games), Theatre and Dance 354T (Topic 18). 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 354T, T D 354T (TOPIC 18). also meets with RTF 344N, AET 377.

• 50990	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-.

• 50995	MWF	1100 - 1200	GDC 5.302	GOUDA, M
• 51000	MWF	100 - 200P	GDC 5.302	GOUDA, M

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-.

• 51005	TTH	930 - 1100	GDC 1.304	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-.

• 51010	MW	200 - 330P	GDC 5.302	SHACHAM, H

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).
• 51015 TTH 1230 - 200P GDC 5.302 BEASLEY, A
• 51020 F 300 - 600P GDC 5.302 DHILLON, I

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.
• 51025

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.
• 51030

C S 371L IOS MOBILE COMPUTING
Overview of mobile computing with an emphasis on developing applicationsfor the iOS operating system. Computer Science 371L and 378 (Topic: iOS Mobile Computing) may not bothbe counted. Prerequisite: Credit with a grade of at least C- or registration in Computer Science 439 (or 352 or 372) or 439H (or 352H or 372H).
• 51035 MW 930 - 1100 GDC 5.302 BULKO, W

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-.
• 51040 MWF 100 - 200P GDC 1.304 DOWNING, G

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-.
• 51045 MWF 1000 - 1100 JGB 2.218 DOWNING, G
• 51050 MWF 1100 - 1200 GDC 1.304 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-.
• 51055 MW 200 - 330P GDC 4.304 BATORY, D

C S 374L LONGHORN STARTUP
Focus on skill development and mentoring in startup formation, technology development, market validation, marketing, sales, operations,human resources, program management, and finance. Emphasis on written and oral presentation of startup activities. Only one of the following may be counted: Computer Science 374L, 378 (Topic: Longhorn Startup), Electrical Engineering 377E, Engineering Studies 377E, Management 337 (Topic: Interdisciplinary Entrepreneurship), 337 (Topic 2). Prerequisite: Upper-division standing, Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-, and consent of instructor. meets with MAN 337 (TOPIC 2).
• 51060 TH 600 - 900P GDC 2.216 BAER, J

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-.
• 51065 TTH 1230 - 200P GDC 1.304 NOVAK, G

C S 377P PROGRAMMING FOR PERFORMANCE
Investigation on the performance-critical features of modern computer architectures and how applications can take advantage of them to obtain high performance. Computer Science 377P and 378 (Topic: Programming for Performance) may not both be counted. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-.
• 51070 TTH 1230 - 200P GDC 4.304 PINGALI, K

C S 378 DEEP PROBABILISTIC MODELING
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 C S 395T.
• 51075 MW 200 - 330P JES A303A LIU, Q

AUTOMATED QUESTION ANSWERING
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.
• 51080 TTH 930 - 1100 PORTER, B

BEHAVIORAL ETHICS: DIGITAL AGE
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.
• 51085 MW 200 - 330P CBA 4.330 LANDOLT, K

CLOUD 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.
• 51090 TTH 530 - 700P GDC 1.304 KULKARNI, D

CYBERPHYSICAL SYSTEMS
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.
• 51095 TTH 200 - 330P GDC 4.304 MOK, A

DECLARATIVE 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.
• 51100 MWF 200 - 300P RLP 1.106 LIFSCHITZ, V

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.
• 51105 W 400 - 700P GDC 2.216 PROSISE, C

MACHINE READING AND KB SYSTEMS
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.
• 51110 MW 930 - 1100 GDC 4.302 PORTER, B

MOBILE NEWS APP DESIGN
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 J 339M, J 395 (TOPIC 48).
• 51115 TTH 930 - 1100 BMC 3.208 QUIGLEY, R

MULTICORE OPER SYS IMPLMNTN
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: Mulitcore operating systems implementation.
• 51120 TTH 1100 - 1230P GDC 2.506 PETER, S

NATURAL LANGUAGE PROCESSING
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.
• 51125 TTH 930 - 1100 GDC 5.302 DURRETT, G

RESEARCH IN COMPUTER ARCH
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.
• 51130 TTH 930 - 1100 GDC 6.202 LIN, C

SYMBOLIC 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.
• 51135 TTH 200 - 330P GDC 5.302

C S 178H INTRO TO COMP SCI RSCH-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-. Restricted to computer science honors students.
• 51140 W 100 - 200P BUR 136 LIN, C

C S 378H COMPUTER GRAPHICS: 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-.
• 51145 TTH 330 - 500P GDC 5.302 VOUGA, P

INTRO TO DATA MINING: 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,

draft 1/2/18

course	unique	days	time	room	instructor

378H. Prerequisite: Computer Science 429 (or 310) or 429H (or 310H) with a grade of at least C-. Restricted to computer science honors students.

• 51150	MW	330 - 500P	GDC 5.302	KLIVANS, A

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.

• 51155					

C S 380L ADVANCED OPERATING SYSTEMS

Study of the formal structure, design principles, organization, implementation, and performance analysis of multiprogramming and/or multiprocessor computer systems. Prerequisite: Graduate standing, and Computer Science 372 or consent of instructor.

• 51160	TTH	930 - 1100	GDC 2.410	ROSSBACH, C

C S 386D DATABASE SYSTEMS

Introduction to the principles of database systems, including fundamental ideas and algorithms used in the construction of centralizeddatabase management systems, distributed database management systems, and database machines and their roles in Internet infrastructure. Topicsinclude data storage and indexing algorithms, query processing and optimization, concurrency control, recovery, XML and object-oriented databases, database evaluation and tuning, and recent directions in database research. Prerequisite: Graduate standing and Computer Science 347 and 375.

• 51165	TTH	330 - 500P	GDC 4.302	MIRANKER, D

C S 388G ALGORITHMS: TECHNIQUES & THRY

Designed to accommodate 35 or fewer students. 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.

• 51170	MW	200 - 330P	GDC 1.406	PLAXTON, C

C S 388H CRYPTOGRAPHY

Surveys the foundations of cryptography from formal notions of security to fundamental protocols, including one-way functions, encryption, pseudorandom generators, signature schemes, and zero-knowledge. Prerequisite: Graduate standing, and Computer Science 353 or consent of instructor.

• 51175	MW	930 - 1100	GDC 2.210	WATERS, B

C S 388L INTRO TO MATHEMATICAL LOGIC

Introduction to some of the principal topics of mathematical logic: propositional and predicate calculus; Goedel's completeness theorem; first-order theories; formalizing mathematical reasoning; first-order arithmetic; recursive functions; Goedel's incompleteness theorems; axiomatic set theory. Prerequisite: Graduate standing and experience in abstract mathematical thinking.

• 51180	TTH	1230 - 200P	GDC 4.302	LIFSCHITZ, V

C S 389L AUTOMATED LOGICAL REASONING

Subjects include automated reasoning techniques for propositional logic, first-order logic, linear arithmetic over reals and integers, theory of uninterpreted functions, and combinations of these theories. Examines automated logical reasoning both from a theoretical and practical perspective, giving a hands-on experience building useful tools, such as SAT and SMT solvers. Computer Science 389L and 395T (Topic: Automated Logical Reasoning) may not both be counted. Prerequisite: Graduate standing.

• 51185	TTH	330 - 500P	GDC 4.304	DILLIG, I

C S 389R RECURSION AND INDUCTION I

The development of a formal theory for reasoning about computer programs, with emphasis on recursively defined functions in the LISP style and proof by mathematical induction. Heavy emphasis on student discovery and presentation of proofs. Prerequisite: Graduate standing.

• 51190	MW	200 - 330P	GDC 7.808	HUNT, W

C S 391L MACHINE LEARNING

Computing systems that automatically improve their performance with experience, including various approaches to inductive classification such as version space, decision tree, rule-based, neural network, Bayesian, and instance-based methods; as well as computational learning theory, explanation-based learning, and knowledge refinement. Prerequisite: Graduate standing, and Computer Science 381K or equivalent knowledge of artificial intelligence and LISP.

• 51195	MW	930 - 1100	CBA 4.330	BALLARD, D

C S 392F AUTOMATED SOFTWARE DESIGN

Model-driven engineering; UML metamodels and constraints, model transformations, software product lines, feature models, feature modularity, feature algebras, feature interactions, multi-dimensional separation of concerns, design-by-transformation, parallel software architectures, correct-by-construction, architecture refinement, optimization, and extension, program refactorings, design patterns, refactoring scripts, category theory, functors, commuting diagrams. Computer Science 392F and 395T (Topic: Feature-Oriented Programming) maynot both be counted. Prerequisite: Graduate standing, and a basic knowledge of Java, compilers and grammars, and object-oriented design methods.

• 51200	MW	330 - 500P	GDC 2.210	BATORY, D

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.

• 51205					

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.

• 51210					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.

• 51215					

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.

• 51220					

C S 395T CODING THEORY

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 E E 381V.

• 51225	TTH	330 - 500P	ECJ 1.312	ZUCKERMAN, D

COMP STAT APPL IN DATA SCI

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 M 393C, CSE 383M.

• 51230	MW	1100 - 1230P	GDC 5.304	BAJAJ, C

DEEP PROBABILISTIC MODELING

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 C S 378.

• 51235	MW	200 - 330P	JES A303A	LIU, Q

GROUNDED NAT LANG PROCESSING

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.

• 51240	MW	930 - 1100	GDC 2.410	MOONEY, R

PARALLEL ALGORS SCIENTFC COMP

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 CSE 392.

• 51245	TTH	930 - 1100	ETC 2.114	BIROS, G

PHYSICAL SIMULATION

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.

• 51250	TTH	200 - 330P	GDC 5.516	VOUGA, P

PROGRAMMING WITH MOLECULES

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.

• 51255	TTH	500 - 630P	ECJ 1.312	SOLOVEICHIK, D

QUANTM/CLASCL COMPLXTY THRY

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.

• 51260	MW	330 - 500P	GDC 4.302	AARONSON, S

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.

• 51265					

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.

• 51270					

C S 399R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 51275					

C S 699R DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 51280					

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C S 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 51285

C S 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Computer Science 399R, 699R, or 999R.
• 51290

C S 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Computer Science 399R, 699R, or 999R.
• 51295

C S 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Computer Science 399R, 699R, or 999R.
• 51300

SCHOOL OF HUMAN ECOLOGY

Human Development and Family Sciences - HDF
Human Ecology - H E
Department of Nutritional Sciences - NTR
Public Health - PBH
Textiles and Apparel - TXA

HDF 304 FAMILY RELATIONSHIPS
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).
• 51355 MWF 1100 - 1200 ETC 2.114
• 51360 TTH 1100 - 1230P FAC 21 WILLIAMSON, H

HDF 313 CHILD DEVELOPMENT
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.
• 51365 MWF 300 - 400P BUR 130
• 51370 TTH 330 - 500P CPE 2.216 KREISCHER, A

CHILD DEVELOPMENT
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. also meets with HDF 313H.
• 51375 TTH 500 - 630P CMA 2.306 SPERANZA, H

HDF 313H CHILD DEVELOPMENT: HONORS
Designed to accommodate 100 or more students. Offered on the letter-grade basis only. Motor, language, social, and emotional development of children in the family context, with an emphasis on research findings and evaluations. Only one of the following may be counted: Human Development and Family Sciences 313, 313H, Women's and Gender Studies 301 (Topic 5: Child Development). Prerequisite: Psychology 301 with a grade of at least B-, credit or registration for Human Development and Family Sciences 113L, and consent of the department. Human Development and Family Sciences honors students only. meets with HDF 313, WGS 313.
• 51379 TTH 500 - 630P CMA 2.306 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.
• 51380 M 900 - 1030 SEA 1.440 SPERANZA, H
• 51385 T 900 - 1030 SEA 1.440 SPERANZA, H
• 51390 W 900 - 1030 SEA 1.440 SPERANZA, H
• 51395 TH 900 - 1030 SEA 1.440 SPERANZA, H
• 51400 M 1030 - 1200 SEA 1.440 SPERANZA, H
• 51405 T 1030 - 1200 SEA 1.440 SPERANZA, H
• 51410 W 1030 - 1200 SEA 1.440 SPERANZA, H
• 51415 TH 1030 - 1200 SEA 1.440 SPERANZA, H
• 51420 M 130 - 300P SEA 1.440 SPERANZA, H
• 51425 T 130 - 300P SEA 1.440 SPERANZA, H
• 51430 W 130 - 300P SEA 1.440 SPERANZA, H
• 51435 TH 130 - 300P SEA 1.440 SPERANZA, H
• 51440 M 300 - 430P SEA 1.440 SPERANZA, H
• 51445 T 300 - 430P SEA 1.440 SPERANZA, H
• 51450 W 300 - 430P SEA 1.440 SPERANZA, H
• 51455 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.
• 51460 MWF 800 - 930 GEA 403
• 51465 TTH 1200 - 130P BUR 134 ANDERSON, E
• 51470 MWF 300 - 400P RLM 5.122

HDF 337 PERSONAL RELATIONSHIPS
Studies intimate relationships, including dating, cohabitation, marriage, and gay and lesbian relationships, as well as situational factors that may influence basic relationship processes. Prerequisite: Upper-division standing; Human Development and Family Sciences 304 or 304H, and 315L with a grade of at least C- in each.
• 51475 TTH 330 - 500P GSB 2.126 NEFF, L

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.
• 51480 MWF 1000 - 1100 BUR 208 QUIMBY, H

HDF 342 DEV PSYCHPATHOL INF THRU ADOL
Additional hour(s) to be arranged. A developmental approach to the study of emotional and behavioral disorders from infancy through adolescence, including attachment disorders, autism, attention deficit disorder, conduct disorder, phobias, obsessive-compulsive disorder, depression, eating disorders, and schizophrenia. Also includes contrasting theories of psychopathology, epidemiology and outcomes of childhood disorders, therapeutic approaches and their efficacy, and developmental resilience. Human Development and Family Sciences 342 and Psychology 339 may not both be counted. Prerequisite: Upper-division standing; Human Development and Family Sciences 313 or 313H, and 113L with a grade of at least C- in each.
• 51485 M 200 - 500P ETC 2.136

HDF 345 PEER RELATIONSHIPS
Children's peer relationships from toddlerhood to adolescence. Human Development and Family Sciences 345 and 378K (Topic: Peer Relationships) may not both be counted. Prerequisite: Upper-division standing; Human Development and Family Sciences 313 or 313H, 113L, and 315L with a grade of at least C- in each.
• 51490 TTH 900 - 1030 GEA 100 HAZEN-SWANN, N

HDF 347 SOCIOECON PROBLEMS OF FAMILIES
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.
• 51495 TTH 400 - 530P ETC 2.102 VARNER, F

HDF 352 FIELD EXPERIENCE: COMMUNITY
Offered on the letter-grade basis only. 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 652P, HDF 652F, HDF 352L.
• 51500 W 500 - 700P SEA 1.438 AMMON, N

HDF 652F FIELD PRACTICUM: COMMUNITY
Additional hour(s) to be arranged. Offered on the letter-grade basis only. 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, HDF 652P, HDF 352L.
• 51505 W 500 - 700P SEA 1.438 AMMON, N

course unique days time room instructor

HDF 352L FIELD EXPERIENCE: EARLY CHLDHD

Offered on the letter-grade basis only. 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 652F, HDF 352.

• 51510 W 500 - 700P SEA 1.438 AMMON, N

HDF 652P FIELD PRACTICUM: EARLY CHLDHD

Additional hour(s) to be arranged. Offered on the letter-grade basis only. 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 352, HDF 652F, HDF 352L.

• 51515 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. 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.

• 51520

HDF 155R 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.

• 51525

HDF 255R PROBS CRS: RESEARCH PRACTICUM

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.

• 51530

HDF 355R PROBS CRS: RESEARCH PRACTICUM

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.

• 51535 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.

• 51540

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. meets with HDF 355R.

• 51545 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.

• 51550

HDF 360 METHS OF FAMILY LIFE EDUCATION

An examination, integrating theory and applied knowledge, of the best practices for working with families. Prerequisite: Upper-division standing and Human Development and Family Sciences 304 or 304H, and 315L with a grade of at least C- in each.

• 51555 MWF 1200 - 100P QUIMBY, H

HDF 466 GUIDANCE IN ADULT-CHILD RELS

Additional hour(s) to be arranged. 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.

• 51560	TH	500 - 700P	CPE 2.206	AMMON, N
	M	830 - 1230P	SEA 1.440	
• 51565	TH	500 - 700P	CPE 2.206	AMMON, N
	T	830 - 1230P	SEA 1.440	
• 51570	TH	500 - 700P	CPE 2.206	AMMON, N
	W	830 - 1230P	SEA 1.440	
• 51575	TH	500 - 700P	CPE 2.206	AMMON, N
	TH	830 - 1230P	SEA 1.440	
• 51580	TH	500 - 700P	CPE 2.206	AMMON, N
	M	1030 - 230P	SEA 1.440	
• 51585	TH	500 - 700P	CPE 2.206	AMMON, N
	T	1030 - 230P	SEA 1.440	
• 51590	TH	500 - 700P	CPE 2.206	AMMON, N
	W	1030 - 230P	SEA 1.440	
• 51595	TH	500 - 700P	CPE 2.206	AMMON, N
	TH	1030 - 230P		
• 51600	TH	500 - 700P	CPE 2.206	AMMON, N
	M	100 - 500P	SEA 1.440	
• 51605	TH	500 - 700P	CPE 2.206	AMMON, N
	T	100 - 500P	SEA 1.440	
• 51610	TH	500 - 700P	CPE 2.206	AMMON, N
	W	100 - 500P	SEA 1.440	
• 51615	TH	500 - 700P	CPE 2.206	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.

• 51620 TTH 1100 - 1230P PHR 2.114 BENNER, A

HDF 372K FAMILIES IN TRANSITION

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.

• 51625 MWF 1100 - 1200 RLM 5.112

course	unique	days	time	room	instructor

HDF 378K DIVERSITY IN HUMAN DEVLPMNT

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 WGS 345.

• 51630	TTH	230 - 400P	CBA 4.336	LORENZO-BLANCO, E

ITALN EARLY CHILDHD EDU-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. In addition to the lecture, students must register for a laboratory/discussion section listed below. 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. Restricted to students in the Maymester Abroad Program. Class meets May 27-June 28. Taught in Reggio Emilia, Rome, and Florence, Italy. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 51635				IOVERNO, S

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.

• 51640	M	500 - 800P	CPE 2.212	MOYER-TRIMYER, R

8-ADV EARLY CHILDHOOD INTERVEN

Designed to accommodate 35 or fewer students. 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. Additional prerequisite: Human Development and Family Sciences 378K (Topic 6). meets with SED 378E.

• 51645	M	500 - 800P	SZB 526	

9-INTRODUCTION TO CHILD LIFE

Course number may be repeated for credit when the topics vary. Concepts, theories, and issues in human development and family sciences.Introduction to the role of child life specialists in health care settings and the application of general human development principles to the care of hospitalized children and adolescents. Human Development and Family Sciences 378K (Topic: Introduction to ChildLife) and 378K (Topic 9) may not both be counted. 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.

• 51650	TH	500 - 800P	PHR 2.114	SALDIVAR FITCHPATR

10-SEXUALITY HUM DEV/FAM SCI

Course number may be repeated for credit when the topics vary. Concepts, theories, and issues in human development and family sciences.Introduction to contemporary understandings of sexuality in the context of human development and families, organized around major subjects in the field of sexuality studies. Human Development and Family Sciences 378K (Topic: Sexuality in Human Development and Family Sciences) and 378K (Topic 10) may not both be counted. 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.

• 51655	TTH	200 - 330P	BUR 108	RUSSELL, S

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.

• 51660	MWF	200 - 300P	RLM 7.124	QUIMBY, H

HDF 379H HONORS TUTORIAL COURSE

Hour(s) to be arranged. 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.

• 51665

HDF 380K 2-FOUNDTL STATS & NSTD MODELS

Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. This course focuses on data organization and statistics used in the social behavioral sciences. It begins with a review of basic data management, inferential statistics, graphing, advanced regression, and ANOVA, then concludes with an introduction into the analysis of nested data. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 51670	W	100 - 400P	SEA 1.438	ANDERSON, E

HDF 192 IMMIG/MINORITY FAMS

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.

• 51675

MARRIAGE & DIVORCE

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.

• 51680

HDF 292 RESEARCH PROBLEMS

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.

• 51685

HDF 392 RSCH PROB: ADULT FAMILY

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.

• 51690

RSCH PROB: RELS & HUMAN DEVEL

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.

• 51695

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.

• 51700

HDF 692 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.

• 51705

HDF 394 GRANT WRTG FOR SOCIAL SCI

Course number may be repeated for credit when the topics vary. Seminars in various topics in the area of human development and family sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor. meets with S W 395K.

• 51710	TH	100 - 400P	SEA 2.406	GERSHOFF, E

1-PARENT-CHILD INTERACTION

Course number may be repeated for credit when the topics vary. Seminars in various topics in the area of human development and family sciences. Prerequisite: Graduate standing in human development and family sciences, or graduate standing and consent of instructor.

• 51715	M	100 - 400P	SEA 1.438	

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.

• 51720

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.

• 51725

HDF 399R DISSERTATION

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

• 51730

HDF 699R DISSERTATION

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

• 51735

HDF 999R DISSERTATION

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

• 51740

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.

• 51745

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course	unique	days	time	room	instructor

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.
• 51750

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.
• 51755

NTR 306 FUNDAMENTALS OF NUTRITION
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.
• 51810 MWF 1100 - 1200 JES A121A HAYS, D

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.
• 51815 TTH 930 - 1100 GEA 105 DE ANGULO SORIANO
• 51820 TTH 200 - 330P ETC 2.108 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-.
• 51825 MWF 900 - 1000 BUR 134 HAYS, D

NTR 107L INTRODUCTORY FOOD SCIENCE LAB
Prerequisite: Credit or registration for Nutrition 307.
• 51830 T 1100 - 200P GEA 337 BRILEY, M
• 51835 W 1100 - 200P GEA 337 BRILEY, M
• 51840 TH 1100 - 200P GEA 337 BRILEY, M
• 51845 T 200 - 500P GEA 337 BRILEY, M

NTR 312 INTRO TO NUTRITIONAL SCIENCE
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.
• 51850 TTH 1100 - 1230P GEA 105 FREELAND, J

NTR 312H INTRO NUTRITIONAL SCI: HONORS
Biochemical, molecular, and cellular functions of nutrients with emphasis on primary scientific literature and current methodology. Only one of the following may be counted: Nutrition 306, 311, 312, 312H. Restricted to honors eligible majors in nutritional sciences, biology, biochemistry, and students in the Dean's Scholars Honors Program. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 301 or 301H; and Mathematics 408C or 408n, or the equivalent; and credit or registration for Biology 311C or 315H, and Chemistry 302 or 302H.
• 51855 MWF 1100 - 1200 GAR 3.116 JOLLY, C

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).
• 51860 M 1200 - 300P GEA 27 FREELAND, J
• 51865 W 300 - 600P GEA 27 FREELAND, J
• 51870 M 330 - 630P GEA 27 FREELAND, J
• 51875 TH 330 - 630P GEA 247 FREELAND, J

NTR 312R RSCH IN NUTRITIONAL SCIENCES
Additional hour(s) to be arranged. Introduction to biochemical and molecular biological techniques, enzyme and coenzyme assays, dietary analysis and assessment protocols, and statistical methods in nutritional sciences. Preparation of a scholarly paper and oral presentation of research findings. Nutrition 112L and 312R may not both be counted. Restricted to honors eligible majors in nutritional sciences, biology, biochemistry, and students in the Dean's Scholars Honors Program. Prerequisite: The following coursework with a grade of at least C- in each: Chemistry 301 or 301H; and Mathematics 408C or 408N, or the equivalent; and credit or registration for Biology 311C or 315H, Chemistry 302 or 302H, and Nutrition 312H.
• 51880 F 1000 - 1100 PAI 5.16 TIZIANI, S

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-.
• 51885 TTH 1230 - 200P 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.
• 51890 MW 100 - 200P BUR 134 MEADOWS, M

NTR 118L ASSMNT NUTRITIONAL STATUS LAB
Prerequisite: Credit or registration for Nutrition 218.
• 51895 W 200 - 500P GEA 403 MEADOWS, M
• 51900 TH 200 - 500P GEA 403 MEADOWS, M

NTR 324 ADVANCED FOOD SCIENCE
Application of the principles of food chemistry to the development of food products. Prerequisite: Chemistry 320M, Nutrition 307, 107L, and 326 with a grade of at least C- in each; and credit or registration for Nutrition 124L.
• 51905 M 200 - 500P GEA 337 HAYS, D

NTR 124L ADVANCED FOOD SCIENCE LAB
Individual research project on food product development and evaluation. Prerequisite: Credit or registration for Nutrition 324.
• 51910 TH 200 - 500P GEA 337 HAYS, D

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.
• 51915 MWF 1000 - 1100 BUR 212 JOLLY, C
T 400 - 500P
• 51920 MWF 1000 - 1100 BUR 212 JOLLY, C
W 400 - 500P CBA 4.338
• 51925 MWF 1000 - 1100 BUR 212 JOLLY, C
T 500 - 600P JGB 2.202
• 51930 MWF 1000 - 1100 BUR 212 JOLLY, C
W 500 - 600P CBA 4.338

NTR 126L NUTRITIONAL SCIENCES LAB
Basic laboratory techniques in nutritional sciences. Prerequisite: Credit or registration for Nutrition 326.
• 51935 T 800 - 1100 PAI 4.32 LODI, A
• 51940 T 1100 - 200P PAI 4.32 LODI, A
• 51945 W 100 - 400P PAI 4.32 LODI, A
• 51950 T 200 - 500P PAI 4.32 LODI, A
• 51955 TH 200 - 500P PAI 4.32 LODI, A
• 51960 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.
• 51965 MWF 200 - 300P BUR 134 MEADOWS, M

NTR 331 INTL NTR: SOCL/ENVIR POLICIES
Explores the nutritional concerns of different countries, environmental aspects of food supply, and social policies needed to balance supply with demand in a sustainable manner. Nutrition 331 and 360 (Topic: International Nutrition: Social and Environmental Policies) may not both be counted. Prerequisite: Upper-division standing, and Nutrition 306, 312, or 312H with a grade of at least C-.
• 51970 TTH 330 - 500P BUR 208 HERZELE, C

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.
• 51975 MWF 1000 - 1100 GEA 100 DE ANGULO SORIANO

NTR 334 FOODSERVICE SYSTEMS MANAGEMENT
Restricted enrollment; contact the department for permission to register for this class. 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.
• 51980 TTH 930 - 1100 GEA 100 PAPILLION, D

NTR 234L LAB IN FOODSERVICE SYSTEMS
Prerequisite: Credit or registration for Nutrition 334.
• 51985 MW 1100 - 200P GEA 400 POULOS, N
• 51990 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.
• 51995 TTH 800 - 930 GEA 100 HERNANDEZ, L

NTR 338H ISS IN NUTRITION/HLTH: HONORS
Identifying, reading, analyzing, writing, and presenting scientific research on selected subjects in nutrition and human health. Detailed literature review as preparation for an honors research thesis. Nutrition 338H and 338W may not both be counted. Restricted to honors majors in biology, biochemistry, and nutritional sciences, and students in the

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Dean's Scholars honors program. Prerequisite: Biology 325 or 325H; Nutrition 312H and 312R; one of the following: 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), or 325H (or Statistics and Scientific Computation 325H); and credit or registration for Biology 365S and Chemistry 369, or Chemistry 339K and 339L.
• 52000 MWF 1200 - 100P PAI 5.16 HERZELE, C

NTR 338W ISSUES IN NUTRITION AND HEALTH
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 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).
• 52005 MWF 1100 - 1200 GEA 100 HERNANDEZ, L
• 52010 MWF 1100 - 1200 PAI 5.16 LASHINGER, L
• 52015 TTH 1230 - 200P PAR 214 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.
• 52020 TTH 1230 - 200P PAR 301 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).
• 52025 TTH 1230 - 200P PAR 210 SWEITZER, S

NTR 345M CLIN PRAC MEDCL NTR THERAPY II
Hour(s) to be arranged. Application of principles of medical nutrition therapy to the care of patients in health care facilities. Prerequisite: Nutrition 245C and 371 with a grade of at least C- in each. Students must register for Nutrition 372C in the same semester.
• 52030 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.
• 52035

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.
• 52040

NTR 355 UNDERGRAD RSCH IN NUTRITION
Hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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.
• 52045

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.
• 52050

NTR 355M ADV FOOD SYSTEMS MANAGEMENT
Additional 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.
• 52055 TTH 800 - 930 BIO 301 PAPILLION, D

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.
• 52060 T 500 - 600P BIO 301 SWEITZER, S

NTR 365 2-NUTRITION AND GENES
Course number may be repeated for credit when the topics vary. Interactions between nutrients and gene expression, including heredity, gene regulation, metabolic disease, developmental abnormalities, and molecular techniques. Prerequisite: Varies with the topic. Additional prerequisite: Biology 325, 365S, and Nutrition 342, with a grade of at least C- in each.
• 52065 TTH 930 - 1100 UTC 3.104 DEGRAFFENRIED, L

NTR 366L RSCH METHS IN NUTRITIONAL SCI
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-.
• 52070 M 100 - 200P PAI 5.16 LODI, A
MW 200 - 500P PAI 5.22
• 52075 M 200 - 300P PAI 5.16 LODI, A
WF 1100 - 200P PAI 5.22

NTR 370 MEDICAL NUTRITION THERAPY I
The role of nutrition in prevention and treatment of chronic disease such as diabetes and heart disease. 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.
• 52080 MWF 900 - 1000 JGB 2.218 MILONOVICH, M

NTR 372C PRACTICUM IN CLIN DIETETICS
Hour(s) to be arranged. Supervised practice in health care facilities. Prerequisite: Admission to the Coordinated Program in Dietetics. Students must register for Nutrition 345M in the same semester.
• 52085 MILONOVICH, M

NTR 372F PRAC IN FOOD SERVICES SYS MGMT
Hour(s) to be arranged. Supervised practice in food service facilities. Prerequisite: Nutrition 245C and 355M with a grade of at least C- in each, and admission to the Coordinated Program in Dietetics. Students must register for Nutrition 373S in the same semester.
• 52090 PAPILLION, D

NTR 373S PRACTICUM IN DIETETIC ADMIN
Hour(s) to be arranged. Supervised practice in the administration of food and nutrition programs. Prerequisite: Admission to the Coordinated Program in Dietetics. Students must register for Nutrition 372F in the same semester.
• 52095

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.
• 52100

NTR 390 MOLEC MECH/METHS NUTR & 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. Topic title: Molecular mechanisms and methods in nutrition and cancer. Topic description: Molecular mechanisms associated with the development and progression of cancer. Nutritional influences on cancer development at all stages of the cancer process. State of the art molecular methods used in cancer research with an emphasis on research involving nutrition and cancer development. meets with PGS 388K.
• 52105 TH 200 - 500P PHR 4.114 DIGIOVANNI, J

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.
• 52110 TTH 800 - 930 GEA 100 HERNANDEZ, 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.
• 52115 TTH 1230 - 200P PAR 210 SWEITZER, S

4-VITAMINS AND MINERALS-WB
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 one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. Taught as a Web-based course. Restricted to students in the Nutritional Sciences (Option III) program.
• 52120 SWEITZER, S

6-MOLEC NUTRITIONAL SCIENCE-WB
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 one of the following: Chemistry 339K and 339L, Chemistry 369, equivalent coursework, or consent of instructor. Taught as a Web-based course. Restricted to students in the Nutritional Sciences (Option III) program.
• 52125 DEGRAFFENRIED, L

2011/2012

course	unique	days	time	room	instructor

6-MOLEC NUTRITIONAL SCIENCES
Hour(s) to be arranged. 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.
• 52130 TTH 1100 - 1230P PAI 5.16 DEGRAFFENRIED, L

NTR 392 RSCH PROB IN MOLECULAR NTR SCI
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52135

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.
• 52140

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.
• 52145

8-DEVELOPMENTAL NUTRITION
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52150

10-NUTRITION AND METABOLISM
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52155

NTR 394 GRAD SMNR IN NUTRITIONAL SCI
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor.
• 52160 W 100 - 400P PAI 5.16 DAVIS, J

NTR 397C 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.
• 52165

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.
• 52170

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.
• 52175

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.
• 52180

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.
• 52185

NTR 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52190

NTR 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52195

NTR 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52200

NTR 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Nutrition 399R, 699R, or 999R.
• 52205

NTR 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Nutrition 399R, 699R, or 999R.
• 52210

NTR 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Nutrition 399R, 699R, or 999R.
• 52215

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.
• 52270 TTH 800 - 930 UTC 4.102 FELKNER, M
• 52275 TTH 930 - 1100 UTC 4.102 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.
• 52280 TTH 930 - 1100 WAG 420 TAYLOR, R
• 52285 TTH 200 - 330P BUR 212 TAYLOR, R

PBH 337 PUBLIC HEALTH IN GUATEMALA-GUA
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. Recent developments and research methods in the field of public health will be explored. Prerequisite: Bio 325 or 325H with a grade of at least C-. Restricted to students in the Maymester Abroad Program. Class meets May 26-July 10. Faculty-led Abroad Program taught in Antigua, Guatemala. Students must consult with department as travel and orientation dates may b e in addition to these dates.
• 52290 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.
• 52295 TTH 800 - 930 GEA 127 CHIANG, R

ENVIRONMENTAL HEALTH
Designed to accommodate 35 or fewer students. 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.
• 52300 TTH 1230 - 200P PHR 2.114 CHIANG, R

PBH 341R PUBLIC HEALTH RESEARCH
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.
• 52305

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).
• 52310 TTH 800 - 930 PHR 2.108 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.
• 52315 TTH 930 - 1100 BUR 224 CHIANG, R

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).
• 52320 TTH 800 - 930 BUR 112 NAUERT, R

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.
• 52325 FIELD, L

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

course	unique	days	time	room	instructor

manufacturing, international promotion and marketing, and textile conservation, exhibition, and collection management.

• 52380	MWF	1200 - 100P	BUR 136	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.

• 52385	MW	100 - 200P	GEA 114	GIL FANDINO, L

TXA 105L TEXTILES LABORATORY

Prerequisite: Credit or registration for Textiles and Apparel 205.

• 52390	T	900 - 1200	GEA 200	GIL FANDINO, L
• 52395	TH	900 - 1200	GEA 200	GIL FANDINO, L

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.

• 52400	TTH	200 - 330P	BUR 224	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.

• 52405	MW	1200 - 100P	GEA 127	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.

• 52410	TTH	930 - 1230P	GEA 212	CHOVAN, G
• 52415	TTH	330 - 630P	GEA 212	NICOLS, C

TXA 316L APPAREL I

Laboratory hour(s) to be arranged. Industrial techniques of pattern design and garment construction.

• 52420	MW	900 - 1200	GEA 211	CHOVAN, G
• 52425	MW	200 - 500P	GEA 241	CHOVAN, G

TXA 316Q SEWN PRODUCTS ANALYSIS

Designed to accommodate 35 or fewer students. Evaluation of soft goods, including materials, quality of work, and costs. Prerequisite: Credit with a grade of at least C- or registration in Textiles and Apparel 205 and 105L.

• 52430	TTH	500 - 630P	GEA 100	REED, J

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.

• 52435	TTH	200 - 330P	GEA 100	REED, J

TXA 328 RSCH METHS IN TEXTILES/APPAREL

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.

• 52440	TTH	1230 - 200P	GEA 100	POLSTON, K

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.

• 52445	TTH	1230 - 200P	GEA 212	NICOLS, C

TXA 151 PRE-INTERNSHIP SEMINAR

Designed to accommodate 35 or fewer students. 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.

• 52450	M	300 - 500P	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.

• 52455				STEWART, S

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.

• 52460				PRIDEAUX, N

TXA 355 CLOTHING/APPEARANCE AS COMM

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.

• 52465				

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.

• 52470				

RSCH IN CLOTHING/SOCIAL ISSUES

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.

• 52475				

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.

• 52480				

TECHNOL IN APPAREL INDUSTRY

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.

• 52485				

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).

• 52490	MW	200 - 500P	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.

• 52495				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.

• 52500	MW	100 - 200P	GEA 100	CHEN, J

TXA 260M ADVANCED TEXTILES LABORATORY

Analysis and evaluation of textile performance. Prerequisite: Credit or registration for Textiles and Apparel 260L.

• 52505	MW	900 - 1100	GEA 200	POLSTON, K
	F	1200 - 200P	GEA 403	
• 52510	TTH	330 - 530P	GEA 200	CHEN, J
	F	1200 - 200P	GEA 403	

TXA 361 CONSUMER BEHAV IN THE MKTPLACE

Internal and external factors that influence consumer behavior in the marketplace. Application of concepts and theories from the social sciences to the areas of textiles, clothing, and appearance; experience in conducting market and consumer research. Prerequisite: Upper-division standing and three semester hours of coursework in economics.

• 52515	MWF	200 - 300P	BUR 224	BLUM, P

TXA 164K 1-FLAT PATTERN

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.

• 52520	TTH	900 - 930	GEA 247	BEGO, O

3-ADVANCED APPAREL DESIGN

Designed to accommodate 35 or fewer students. 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.

• 52525	TTH	200 - 230P	GEA 403	POLSTON, K

TXA 264L 1-FLAT PATTERN

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.

• 52530	TTH	930 - 1230P	GEA 211	BEGO, O
• 52535	TTH	930 - 1230P	GEA 241	CIARLA, J

Draft 11/2/2018

course	unique	days	time	room	instructor

3-ADVANCED APPAREL DESIGN
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.

• 52540	TTH	230 - 530P	GEA 211	CHOVAN, G
• 52545	TTH	230 - 530P	GEA 241	CIARLA, J

TXA 365 ADV APPAREL EVENT PRODUCTION
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing. Additional prerequisites vary with the topic.

• 52550	TTH	530 - 700P	GEA 403	BEGO, O

NEW YORK CITY TOUR
Hour(s) to be arranged. 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: Upper-division standing. Additional prerequisites vary with the topic. Additional prerequisite: Consent of instructor.

• 52555				PRIDEAUX, N

SUSTAINABLE MATERIALS/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.

• 52560	W	200 - 500P	GEA 100	GIL FANDINO, L

TXA 376 PRINS OF RETAIL MERCHANDISING
Retail strategic planning and implementation for soft goods and apparel. Prerequisite: Marketing 320F and six semester hours of upper-division coursework in textiles and apparel, business, studio art, or journalism.

• 52565	MWF	1100 - 1200	SAC 5.102	BLUM, P

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.

• 52570				BLUM, P

TXA 379H HONORS TUTORIAL COURSE
Hour(s) to be arranged. May be repeated for credit. Supervised individual research on a special topic in textiles and apparel; oral presentation and preparation of a scholarly paper coveringthe research. May be based on laboratory, library, or field research. May be taken twice for credit. Prerequisite: Upper-division standing, admission to the Textiles and Apparel Honors Program, Textiles and Apparel 359H with a grade of at least B-, and consent of the honors adviser.

• 52575				

TXA 698A THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in textile and apparel technology and consent of the graduate adviser; for 698B, Textiles and Apparel 698A.

• 52580				

TXA 698B THESIS
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: For 698A, graduate standing in textile and apparel technology and consent of the graduate adviser; for 698B, Textiles and Apparel 698A.

• 52585				

DEPARTMENT OF MARINE SCIENCE

Marine Science - MNS

MNS 308 HUMANS AND A CHANGING OCEAN
The consequences of human-induced alteration of the marine environment including the impact on fisheries, marine mammals, food-web changes, andchanges in species composition and ecological function will be explored. Designed for non-science majors. Marine Science 309 (Topic: Humans and a Changing Ocean) and 308 may not both be counted. Prerequisite: Marine Science 307 (or Geological Sciences 307).

• 52640	MW	900 - 1000	BUR 220	MIN, D
	T	300 - 500P	BIO 12H	
• 52645	MW	900 - 1000	BUR 220	MIN, D
	W	300 - 500P	BIO 12H	
• 52650	MW	900 - 1000	BUR 220	MIN, D
	TH	300 - 500P	BIO 118	
• 52655	MW	1100 - 1200	BUR 136	MIN, D
	M	100 - 300P	BIO 118	
• 52660	MW	1100 - 1200	BUR 136	MIN, D
	W	100 - 300P	BIO 12H	
• 52665	MW	1100 - 1200	BUR 136	MIN, D
	M	300 - 500P	BIO 118	

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.

• 52670	MW	230 - 400P	SZB 370	MIN, D

MARINE ECOLOGY
Study of ecological processes at different levels of integration in marine ecosystems. Prerequisite: Biology 311D, and Chemistry 302 or 302H. Restricted to majors in the Department of Marine Science. meets with MNS 320.

• 52675	MW	230 - 400P	SZB 370	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 orientation 5 pm-6 pm, Thursday, January 24 in FNT 1.104. Mandatory field trip dates to the University of Texas Marine Science Institute in Port Aransas, Texas, March 30 and May 4. Students must consult wit h department as travel dates are in addition to these dates.

• 52680				YEAGER, L

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 orientation 5 pm-6 pm, Thursday, January 24 in FNT 1.104. Mandatory field trip dates to the University of Texas Marine Science Institute in Port Aransas, Texas, March 9 and April 6. Students must consult wi th department as travel dates are in addition to these dates.

• 52685				YEAGER, L

MNS 352D MARINE BOTANY-MEX
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. Exploration of the marine algae and seagrasses of the south Texas coast,with emphasis on their taxonomy, physiology, and ecology; may include field trips to representative coastal habitats. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Concurrent enrollment required in NSC 109. Restricted to students in the Maymester Abroad Program. Class meets May 15-June 2. Faculty-led Abroad Program taught in Akumal, Mexico. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 52690				DUNTON, K

MNS 152R MAR SCI RSRCH AND REPORTING
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Reviews the planning, conduct, and communication of marine science research, including hypothesis generation, experimental design, data analysis, and scientific writing and presentation. Marine Science 148, 348 (Topic 1) and 152R may not both be counted. Prerequisite: Upper-division standing and concurrent enrollment in Marine Science 170, 270, or 370. Taught at the Marine Science Institute in Port Aransas, TX.

• 52695	W	1130 - 1230P	S06 201C	VILLAREAL, T

MNS 353 FISHERIES ECOLOGY
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. Course number may be repeated for credit when the topics vary. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Mandatory field trip dates to the University of Texas Marine Science Institute in Port Aransas, Texas, March 16 and April 13. Students must consult with department as travel dates are in addition to these dates.

• 52700	MW	300 - 400P	FNT 1.104	ERISMAN, B

FISHERIES ECOLOGY
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. Course number may be repeated for credit when the topics vary. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Mandatory field trip dates to the University of Texas Marine Science Institute in Port Aransas, Texas, March 16 and April 13. Taught at the Marine Science Institute in Port Aransas. Students must consult with departm ent as travel dates are in addition to these dates.

• 52705	MW	300 - 400P	S06 201C	ERISMAN, B

MARINE BIODIVERSITY
Hour(s) to be arranged. 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: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Taught at the Marine Science Institute in Port Aransas, Texas. Class meets May 22-June 5.

• 52710				YEAGER, L

MNS 354Q MARINE ENVIRONMENTAL SCIENCE
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. Application of the principles of marine science to the study of environmental issues: toxicology, biogeochemical cycles, and the biological and ecological impacts of zenobiotic materials in the coastal zone. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Mandatory field trip dates to the University of Texas Marine Science Institute in Port Aransas, Texas, February 16 and April 6. Students must consult with department as travel dates are in addition to these dates. Pa rtially taught as a Web-based course.

• 52715	MW	900 - 1000	FNT 1.104A	HARDISON, A

course	unique	days	time	room	instructor

MARINE ENVIRONMENTAL SCIENCE
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. Application of the principles of marine science to the study of environmental issues: toxicology, biogeochemical cycles, and the biological and ecological impacts of zenobiotic materials in the coastal zone. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Mandatory field trip dates to the University of Texas Marine Science Institute in Port Aransas, Texas, February 16 and April 6. Taught at the University of Texas Marine Science Institute in Port Aransas, Texas. Stude nts must consult with department as travel dates are in addition to these dates.

• 52720	MW	900 - 1000	S06 201C	HARDISON, A

MNS 354U — BIO OF SHARKS, SKATES, & RAYS
Hour(s) to be arranged. Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Ecology, anatomy, and physiology of elasmobranch fishes. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Taught at the Marine Science Institute in Port Aransas, Texas. Class meets May 22-June 5.

• 52725					ESBAUGH, A

MNS 357 — MARINE PHYTOPLANKTON DIVERSITY
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. The taxonomy of the major phytoplankton groups, their physiology, and their role in marine ecosystem; may include field and/or laboratory hours. Marine Science 353 (Topic: Diversity Marine Phytoplankton) and 357 may not both be counted. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Taught at the Marine Science Institute in Port Aransas, Texas. meets with MNS 382.

• 52730	T	900 - 1030	S06 201C	ERDNER, D
	T	100 - 400P	S13 232	

MNS 367K — HUMAN EXPLOR/EXPLOITATN OF SEA
Review of the history of ocean exploration including major oceanographicexpeditions. Discussion of current topics in ocean exploration and exploitation of marine resources, the impact of resource exploitation on biological systems, and the development of marine policy. An oral presentation is required. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H.

• 52735	MW	1000 - 1130	FNT 1.104	VILLAREAL, T

HUMAN EXPLOR/EXPLOITATN OF SEA
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Review of the history of ocean exploration including major oceanographicexpeditions. Discussion of current topics in ocean exploration and exploitation of marine resources, the impact of resource exploitation on biological systems, and the development of marine policy. An oral presentation is required. Prerequisite: The following with a grade of at least C- in each: Biology311D or 315H, and Chemistry 302 or 302H. Taught at the Marine Science Institute in Port Aransas, Texas.

• 52740	MW	1000 - 1130	S06 201C	VILLAREAL, T

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.
• 52745

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.
• 52750

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.
• 52755

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. Taught at the University of Texas Marine Science Institute in Port Aransas, Texas.
• 52760

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. Taught at the University of Texas Marine Science Institute in Port Aransas, Texas.
• 52765

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. Taught at the University of Texas Marine Science Institute in Port Aransas, Texas.
• 52770

MNS 382 — MARINE PHYTOPLANKTON DIVERSITY
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Taught at the Marine Science Institute in Port Aransas, Texas. meets with MNS 357.

• 52775	T	900 - 1030	S06 201C	ERDNER, D
	T	100 - 400P	S13 232	

PRINC OF MARINE BOTANY-MEX
Hour(s) to be arranged. 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. Class meets May 15-June 2. Faculty-led Abroad Program taught in Akumal, Mexico. Students must consult with department as travel and orientation dates may be in addition to these dates.

• 52780					DUNTON, K

MNS 483C — ADAPTATIONS TO MARINE ENVIR
The physiological basis for organismal and population-level responses tomarine environments. 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 University of Texas Marine Science Institute in Port Aransas, Texas.

• 52785	MW	100 - 300P	S06 201C	FUIMAN, L

MNS 191 — SCIENTIFIC COMMUNICATION
Course number may be repeated for credit when the topics vary. Recent advances in the marine sciences, discussed by students, faculty and staff members, and guest lecturers. Topics to be announced. Prerequisite: Graduate standing. Taught at the University of Texas Marine Science Institute in Port Aransas, Texas.

• 52790	F	100 - 200P	S06 201C	BAKER, B

MNS 193 — ENVRNMNTL PHYSLGY OF FISHES
Course number may be repeated for credit when the topics vary. Lecture, laboratory, and fieldwork. Prerequisite: Graduate standing and consent of instructor. Taught at the University of Texas Marine Science Institute in Port Aransas, Texas.

• 52795	TH	100 - 200P	S06 201C	ESBAUGH, A

7-MARINE BOTANY
Course number may be repeated for credit when the topics vary. Lecture, laboratory, and fieldwork. Introduction through lectures and field work to the diversity and importance of marine vegetation of the South Texas coast. Includes the evolution, taxonomy, ecology, physiology, and trophic importance of marine vegetation. Marine Science 183, 283, 383 (Topic 13) and 193, 293, 393 (Topic 7) may not both be counted. Prerequisite: Graduate standing and consent of instructor. Taught at the Marine Science Institute in Port Aransas, Texas.

• 52800	TH	300 - 400P	S06 201C	DUNTON, K

10-ZOOPLANKTON ECOLOGY
Course number may be repeated for credit when the topics vary. Lecture, laboratory, and fieldwork. Advanced study of the morphological, physiological, and behavioral adaptations of zooplankton to their environment. Marine Science 183, 283, 383 (Topic 16) and 193, 293, 393 (Topic 10) maynot both be counted. Prerequisite: Graduate standing and consent of instructor. Taught at the University of Texas Marine Science Institute in Port Aransas, Texas.

• 52805	TH	900 - 1000	S06 201C	BUSKEY, E

MNS 393 — 11-COASTAL WATERSHEDS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Lecture, laboratory, and fieldwork. Covers water use, land use and land cover change, and climate change as they relate to biological, physical, and geochemical processes in watersheds. Includes the impact of changing watershed export on coastal ocean ecosystems. Emphasizes case studies on different regions of the United States. Marine Science 183, 283, 383 (Topic 17) and 193, 293, 393 (Topic 11) maynot both be counted. Prerequisite: Graduate standing and consent of instructor. Partially taught as a Web-based course.

• 52810	TTH	1030 - 1200	JON 5.202	MCCLELLAND, J

11-COASTAL WATERSHEDS
Additional hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Lecture, laboratory, and fieldwork. Covers water use, land use and land cover change, and climate change as they relate to biological, physical, and geochemical processes in watersheds. Includes the impact of changing watershed export on coastal ocean ecosystems. Emphasizes case studies on different regions of the United States. Marine Science 183, 283, 383 (Topic 17) and 193, 293, 393 (Topic 11) maynot both be counted. Prerequisite: Graduate standing and consent of instructor. Taught at the University of Texas Marine Science Institute in Port Aransas, Texas. Partially taught as a Web-based course.

• 52815	TTH	1030 - 1200	S06 201C	MCCLELLAND, J

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.
• 52820

2011/2012

course	unique	days	time	room	instructor

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.
• 52825

MNS 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52830

MNS 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52835

MNS 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 52840

MNS 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Marine Science 399R, 699R, or 999R.
• 52845

MNS 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Marine Science 399R, 699R, or 999R.
• 52850

MNS 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Marine Science 399R, 699R, or 999R.
• 52855

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.

• 52910	MWF	900 - 1000	ECJ 1.202	
• 52915	MWF	1000 - 1100	ETC 2.108	
• 52920	MWF	1100 - 1200	CPE 2.214	

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. Restricted to College of Natural Sciences students.

• 52925	MWF	900 - 1000	RLM 4.102	
	T	800 - 900	CPE 2.218	
• 52930	MWF	900 - 1000	RLM 4.102	
	T	300 - 400P	RLM 7.116	

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-

• 52935	MWF	1000 - 1100	CPE 2.208	DAVIS, K
	TTH	1100 - 1200	BUR 224	
• 52940	MWF	1000 - 1100	CPE 2.208	DAVIS, K
	TTH	200 - 300P	CPE 2.206	
• 52945	TTH	1100 - 1230P	SZB 240	TREISMAN, P
	MW	1100 - 1200	SZB 278	
• 52950	TTH	1100 - 1230P	SZB 240	TREISMAN, P
	MW	200 - 300P	SZB 278	
• 52955	TTH	330 - 500P	RLP 0.126	
	MW	1000 - 1100	CPE 2.212	
• 52960	TTH	330 - 500P	RLP 0.126	
	MW	200 - 300P	CPE 2.206	

M 408D 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-.

• 52965	MWF	900 - 1000	CAL 100	
	TTH	100 - 200P	CPE 2.220	
• 52970	MWF	900 - 1000	CAL 100	
	TTH	330 - 430P	CPE 2.212	
• 52975	TTH	930 - 1100	CPE 2.208	
	MW	1200 - 100P	RLM 7.104	
• 52980	TTH	930 - 1100	CPE 2.208	
	MW	100 - 200P	RLM 6.104	
• 52985	MWF	1000 - 1100	CAL 100	
	TTH	1230 - 130P	CPE 2.212	
• 52990	MWF	1000 - 1100	CAL 100	
	TTH	230 - 330P	ECJ 1.204	
• 52995	MWF	1100 - 1200	CPE 2.208	DAVIS, K
	TTH	830 - 930	CPE 2.220	
• 53000	MWF	1100 - 1200	CPE 2.208	DAVIS, K
	TTH	500 - 600P	CPE 2.210	
• 53005	TTH	1100 - 1230P	RLP 0.126	
	MW	1100 - 1200	BUR 216	
• 53010	TTH	1100 - 1230P	RLP 0.126	
	MW	400 - 500P	RLM 6.104	
• 53015	MWF	1200 - 100P	CPE 2.208	DAVIS, K
	TTH	1100 - 1200	BUR 134	
• 53020	MWF	1200 - 100P	CPE 2.208	DAVIS, K
	TTH	300 - 400P	CPE 2.220	
• 53025	TTH	1230 - 200P	JGB 2.216	
	MW	900 - 1000	CPE 2.206	
• 53030	TTH	1230 - 200P	JGB 2.216	
	MW	300 - 400P	CPE 2.210	
• 53035	MWF	100 - 200P	CPE 2.214	GONZALEZ, O
	TTH	100 - 200P	CPE 2.206	
• 53040	MWF	100 - 200P	CPE 2.214	GONZALEZ, O
	TTH	300 - 400P	CPE 2.206	
• 53045	MWF	200 - 300P	RLP 0.130	
	TTH	200 - 300P	RLM 7.116	
• 53050	MWF	200 - 300P	RLP 0.130	
	TTH	400 - 500P	RLM 7.104	
• 53055	TTH	200 - 330P	RLM 4.102	
	MW	1000 - 1100	RLP 1.106	
• 53060	TTH	200 - 330P	RLM 4.102	
	MW	200 - 300P	RLM 5.104	
• 53065	MWF	300 - 400P	CPE 2.208	
	TTH	1230 - 130P	CPE 2.216	
• 53070	MWF	300 - 400P	CPE 2.208	
	TTH	330 - 430P	ECJ 1.214	

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, February 26, April 2, May 7.

• 53071	MWF	900 - 1000	RLP 0.130	
	TTH	200 - 300P	ART 1.120	

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, February 26, April 2, May 7

• 53073	MWF	900 - 1000	RLP 0.130	
	TTH	830 - 930	CPE 2.210	

ARCHIVED

course	unique	days	time	room	instructor

M 408D 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-.

• 53075	TTH	330 - 500P	PHR 2.110	
	MW	400 - 500P	RLM 5.104	

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, February 26, April 2, and May 7.

• 53076	MWF	1100 - 1200	RLP 0.126	BEN-ZVI, D
	TTH	400 - 500P	CPE 2.220	
• 53077	MWF	1100 - 1200	RLP 0.126	BEN-ZVI, D
	TTH	830 - 930	RLM 6.104	
• 53078	MWF	200 - 300P	CPE 2.208	
	TTH	330 - 430P	BUR 130	
• 53079	MWF	200 - 300P	CPE 2.208	
	TTH	500 - 600P	RLM 5.104	

M 408D 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-.

• 53080	TTH	330 - 500P	PHR 2.110	
	MW	500 - 600P	RLM 6.104	

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, February 26, April 2, and May 7.

• 53081	MWF	100 - 200P	CPE 2.208	
	TTH	200 - 300P	BUR 112	
• 53082	MWF	1000 - 1100	RLP 0.130	BEN-ZVI, D
	TTH	230 - 330P	BUR 112	
• 53083	MWF	100 - 200P	CPE 2.208	
	TTH	1130 - 1230P	SZB 296	
• 53084	MWF	1000 - 1100	RLP 0.130	BEN-ZVI, D
	TTH	330 - 430P	BUR 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-.

• 53085	MWF	1100 - 1200	PHR 2.110	
	TTH	200 - 300P	WAG 201	
• 53090	MWF	1100 - 1200	PHR 2.110	
	TTH	400 - 500P	WAG 420	
• 53095	MWF	100 - 200P	PHR 2.108	
	TTH	100 - 200P	SZB 296	
• 53100	MWF	100 - 200P	PHR 2.108	
	TTH	500 - 600P	CPE 2.220	

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-.

• 53105	MWF	100 - 200P		
	TTH	200 - 300P		
• 53110	MWF	100 - 200P		
	TTH	400 - 500P		
• 53112	MWF	1100 - 1200	RLM 4.102	
	TTH	1230 - 130P	ECJ 1.308	
• 53114	MWF	1100 - 1200	RLM 4.102	
	TTH	400 - 500P	BUR 136	

M 408R 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-.

• 53115	MWF	1200 - 100P	ECJ 1.202	
	TTH	200 - 300P	PAR 201	
• 53120	MWF	1200 - 100P	ECJ 1.202	
	TTH	330 - 430P	PAR 1	

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.

• 53125	MWF	1100 - 1200		
	TTH	1230 - 130P		
• 53130	MWF	1100 - 1200		
	TTH	400 - 500P		

INTEGRAL CALCULUS FOR SCIENCE

Designed to accommodate 100 or more students. 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.

• 53135	TTH	330 - 500P	ECJ 1.202	
	MW	1000 - 1100	BUR 134	
• 53140	TTH	330 - 500P	ECJ 1.202	
	MW	200 - 300P	BUR 130	

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.

• 53145	MWF	1200 - 100P	CPE 2.214	
	TTH	830 - 930	CPE 2.212	
• 53150	MWF	1200 - 100P	CPE 2.214	
	TTH	200 - 300P	BUR 116	
• 53152	MWF	100 - 200P	ECJ 1.202	
	TTH	200 - 300P	BUR 208	
• 53154	MWF	100 - 200P	ECJ 1.202	
	TTH	400 - 500P	RLM 6.104	

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.

• 53155

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.

• 53160

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.

• 53165

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.

• 53170

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.

• 53175	MWF	1100 - 1200	CPE 2.212	STARBIRD, M

April/2016

course	unique	days	time	room	instructor

M 315C FNDTNS, FUNCTS, REGRESN MODELS

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.

• 53180	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.

• 53185	MWF	1200 - 100P	CPE 2.220	
• 53190	TTH	200 - 330P	ECJ 1.308	

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.

• 53195	MWF	1100 - 1200	CPE 2.220	
• 53200	MWF	1200 - 100P	RLM 6.104	

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-.

• 53205	TTH	930 - 1100	RLM 6.112	
• 53210	MWF	1100 - 1200	RLM 5.124	
• 53215	TTH	1100 - 1230P	RLM 5.122	
• 53220	TTH	1230 - 200P	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-. Inquiry-based learning format.

• 53225	MWF	100 - 200P	RLM 7.124	AUSTIN, 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-.

• 53230	MWF	300 - 400P	PHR 2.114	
• 53235	TTH	200 - 330P	RLM 5.118	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-.

• 53240	MWF	1200 - 100P	RLM 5.124	

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 electrical and computer engineering (ECE) majors.

• 53245	MWF	900 - 1000	RLM 7.104	

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 electrical and computer engineering majors.

• 53250	MWF	1000 - 1100	RLM 5.104	

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-.

• 53255	TTH	930 - 1100	CPE 2.210	

DISCRETE MATHEMATICS-FRI

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. Restricted to students in the Freshman Research Initiative mathematics stream course.

• 53260	TTH	930 - 1100	RLM 5.118	DANIELS, M

DISCRETE MATHEMATICS-HONORS

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 mathematics honors students and students with the consent of the undergraduate adviser. Inquiry-based learning format.

• 53265	MWF	900 - 1000	RLM 5.124	STARBIRD, M

M 427J DIFF EQNS W LINEAR ALGEBRA-HON

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-. Restricted to students in the mathematics honors program.

• 53270	TTH	930 - 1100	CPE 2.206	
	MW	400 - 500P	CPE 2.206	

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-.

• 53275	MWF	1000 - 1100	JGB 2.216	
	TTH	500 - 600P	RLM 4.102	
• 53280	TTH	1100 - 1230P	RLM 4.102	VISHIK, M
	MW	300 - 400P	ETC 2.108	
• 53285	MWF	1200 - 100P	RLM 4.102	
	TTH	330 - 430P	CPE 2.208	
• 53290	MWF	100 - 200P	RLP 0.130	
	TTH	1100 - 1200	WAG 101	
• 53295	MWF	200 - 300P	ETC 2.108	
	TTH	930 - 1030	ART 1.102	
• 53300	TTH	200 - 330P	ECJ 1.202	
	MW	1200 - 100P	PHR 2.110	
• 53305	MWF	300 - 400P	RLP 0.126	
	TTH	200 - 300P	WAG 101	
• 53310	TTH	330 - 500P		
	MW	200 - 300P		

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-.

• 53315	TTH	1230 - 200P	RLP 0.130	HEITMANN, R
	MW	900 - 1000	CPE 2.214	

M 427L 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-.

• 53320	MWF	1000 - 1100	RLM 4.102	
	TTH	400 - 500P	ETC 2.108	
• 53325	MWF	1200 - 100P	RLP 0.126	
	TTH	200 - 300P	CAL 100	
• 53330	TTH	1230 - 200P	RLM 4.102	
	MW	1100 - 1200	PAI 2.48	
• 53335	TTH	200 - 330P	CPE 2.208	
	MW	200 - 300P	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-.

• 53340	MWF	1000 - 1100	RLM 5.122	ALLCOCK, D
• 53345	TTH	1100 - 1230P	RLM 7.114	
• 53350	MWF	100 - 200P	RLM 5.118	

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, quadrat-

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ic reciprocity, number theoretic functions. Prerequisite: Mathematics 325K or 341 with a grade of at least C-. Inquiry-based learning format.
- 53355 TTH 930 - 1100 RLM 7.114 MINER, Z
- 53360 TTH 1230 - 200P RLM 7.114 MINER, Z

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.
- 53365 MWF 200 - 300P CPE 2.210 WALCH, A

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.
- 53370 MWF 1000 - 1100 ECJ 1.204 AUSTIN, J

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.
- 53375 MWF 1000 - 1100 RLM 7.124
- 53380 MWF 100 - 200P RLM 5.124

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.
- 53385 MWF 1200 - 100P RLM 5.118 CUDINA, M
- 53390 MWF 100 - 200P RLM 5.114 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-.
- 53395 MWF 1200 - 100P RLM 5.116 NIBERT, J

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-. meets with M 389J.
- 53400 MWF 100 - 200P CPE 2.220 WALCH, A

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. meets with M 389U.
- 53405 TTH 1100 - 1230P RLM 5.114 HARPER, S

M 339V ACTUARL CONTINGENT PAYMENTS II

Advanced actuarial models for life insurance, property insurance, and annuities. Prerequisite: Actuarial Foundations 329 or Mathematics 329F, and M 339U with a grade of at least C- in each. meets with M 389V.
- 53410 TTH 200 - 330P RLM 5.122 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.
- 53415 MWF 900 - 1000 RLM 5.116 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-.
- 53420 MWF 1100 - 1200 JGB 2.216
- 53425 MWF 100 - 200P PHR 2.110
- 53430 TTH 200 - 330P CPE 2.214

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-. Restricted to ECE majors.
- 53435 TTH 1100 - 1230P EER 1.516 GILBERT, J
- 53440 TTH 330 - 500P RLM 4.102 GILBERT, J

MATRICES/MATRIX CALCULATNS-C S

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.
- 53445 TTH 930 - 1100 RLM 4.102
- 53450 TTH 1230 - 200P CPE 2.214

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-.
- 53455 TTH 930 - 1100 RLM 5.122 HEITMANN, R
- 53460 MWF 1200 - 100P RLM 5.120
- 53465 MWF 100 - 200P RLM 5.120
- 53470 MWF 200 - 300P RLM 5.120

LINEAR ALGEBRA/MATRIX THRY-HON

Restricted enrollment; contact the department for permission to register for this class. 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-. Restricted to mathematics honors students and students with consent of the undergraduate adviser.
- 53475 MWF 1100 - 1200 RLM 5.122 PERUTZ, T

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.
- 53480 MWF 1000 - 1100 RLM 5.124

M 344K INTERMEDIATE SYMBOLIC LOGIC

A second-semester course in symbolic logic: formal syntax and semantics,basic metatheory (soundness, completeness, compactness, and Loewenheim-Skolem theorems), and further topics in logic. Prerequisite: Philosophy 313, 313K, or 313Q. same as PHL 344K.
- 53485 TTH 330 - 500P WAG 308 KAMP, J

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-.
- 53490 TTH 930 - 1100 RLM 5.116

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-.
- 53495 TTH 200 - 330P BUR 220
- 53500 TTH 330 - 500P BUR 134

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-.
- 53505 TTH 930 - 1100 RLM 5.104 MILLER, J
- 53510 TTH 1230 - 200P RLM 5.104 MILLER, J

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-.
- 53515 TTH 930 - 1100 RLM 5.120 PAVLOVIC, N
- 53520 TTH 1100 - 1230P RLM 7.124 RADIN, C

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.
- 53525 TTH 200 - 330P RLM 5.116

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 follow-

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course unique days time room instructor

ing courses with a grade of at least C- in each: Mathematics 325K or Philosophy 313K, Mathematics 328K, Mathematics 341. Inquiry-based learning format.
• 53530 MWF 1200 - 100P PAR 1
• 53535 TTH 1100 - 1230P RLM 5.116 DANIELS, M

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-.
• 53540 MWF 1000 - 1100 RLM 6.104
• 53545 MWF 1100 - 1200 RLM 5.104
• 53550 MWF 200 - 300P RLM 6.104
• 53555 TTH 200 - 330P RLM 5.104 WARD, R
• 53560 TTH 330 - 500P RLM 5.104 WARD, R

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.
• 53565 TTH 800 - 930 RLM 5.104 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-.
• 53570 TTH 200 - 330P RLM 6.104 ZITKOVIC, G

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.
• 53575 MWF 1100 - 1200 RLM 5.118 GOMPF, R
• 53580 TTH 1100 - 1230P RLM 5.118 PATRIZI, S

M 365D REAL ANALYSIS II
A rigorous treatment of selected topics in real analysis, such as Lebesgue integration, or multivariate integration and differential forms. Recommended for students planning to undertake graduate work in mathematics. Prerequisite: Mathematics 365C with a grade of at least C-.
• 53585 TTH 1230 - 200P RLM 5.124 BECKNER, W

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.
• 53590 TTH 930 - 1100 RLM 5.124
• 53595 MWF 200 - 300P RLM 5.116

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.
• 53600 TTH 1100 - 1230P RLM 5.124 GORDON, C

M 368K NUMERICAL METHS FOR APPLICATNS
Continuation of Mathematics 348. Topics include splines, orthogonal polynomials and smoothing of data, iterative solution of systems of linear equations, approximation of eigenvalues, two-point-boundary value problems, numerical approximation of partial differential equations, signal processing, optimization, and Monte Carlo methods. Only one of the following may be counted: Computer Science 367, Mathematics 368K, Physics 329. Prerequisite: Mathematics 348 with a grade of at least C-.
• 53605 TTH 1100 - 1230P CPE 2.206

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.
• 53610 M 500 - 800P RLM 5.124

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-.
• 53615 TTH 930 - 1100 RLM 7.124 RADIN, C

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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.
• 53620 MWF 1100 - 1200 RLM 5.114 BOWEN, L

M 373L ALGEBRAIC STRUCTURES II
Topics from vector spaces and modules, including direct sum decompositions, dual spaces, canonical forms, and multilinear algebra. Recommended for students planning to undertake graduate work in mathematics. Prerequisite: Mathematics 373K with a grade of at least C-.
• 53625 MWF 1200 - 100P RLM 5.114 ALLCOCK, D

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.
• 53630 MWF 1000 - 1100 RLM 5.118 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.
• 53635

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.
• 53640

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.
• 53645

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.
• 53650

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.
• 53655

M 375T ANALYSIS ON MANIFOLDS
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.
• 53660 TTH 930 - 1100 RLM 9.166 FREED, D

FUNCTIONS AND MODELING
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.
• 53665 TTH 930 - 1100 PAI 4.08 DANIELS, M

PREDICTIVE ANALYTICS
Course number may be repeated for credit when the topics vary. Prerequisite: Upper-division standing; additional prerequisites vary with the topic.
• 53670 MWF 1100 - 1200 RLM 6.104 CEPPARO, G

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.
• 53675 MWF 900 - 1000 RLM 5.104
• 53680 TTH 1100 - 1230P RLM 6.104 MAXWELL, M

M 379H HONORS TUTORIAL COURSE
Hour(s) to be arranged. 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.
• 53685

M 380D ALGEBRA
Continuation of Mathematics 380C. Prerequisite: Graduate standing, consent of instructor or the graduate adviser, and Mathematics 380C.
• 53690 MWF 100 - 200P RLM 9.166 NEITZKE, A

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course	unique	days	time	room	instructor

M 381D COMPLEX ANALYSIS
Introduction to complex analysis. Computational Science, Engineering, and Mathematics 385S and Mathematics381D may not both be counted. Prerequisite: Graduate standing and consent of instructor or the graduate adviser. same as CSE 385S.
• 53695 MWF 1200 - 100P RLM 12.166 KOCH, H

M 382D DIFFERENTIAL TOPOLOGY
Continuation of Mathematics 382C. Manifolds and maps, differential forms, transversality, and intersection theory. Prerequisite: Graduate standing, consent of instructor or the graduate adviser, and Mathematics 382C.
• 53700 MWF 1000 - 1100 RLM 10.176 PERUTZ, T

M 383D METHODS OF APPLIED MATHEMATICS
Topics include distributions, fundamental solutions of partial differential equations, the Schwartz space and tempered distributions, Fourier transform, Plancherel theorem, Green's functions, Sobolev spaces, weak solutions, differential calculus in normed spaces, implicitfunction theorems, applications to nonlinear equations, smooth variational problems, applications to classical mechanics, constrained variational problems. Computational Science, Engineering, and Mathematics 386D and Mathematics383D may not both be counted. Prerequisite: Graduate standing; and Computational Science, Engineering,and Mathematics 386C or Mathematics 383C. same as CSE 386D.
• 53705 MWF 900 - 1000 RLM 11.176 ARBOGAST, T

M 384E DESIGN & ANLY OF EXPERIMENTS
Design and analysis of experiments, including one-way and two-way layouts; components of variance; factorial experiments; balanced incomplete block designs; crossed and nested classifications; fixed, random, and mixed models; and split plot designs. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384U, Mathematics 384E, Statistics and DataSciences 384 (Topic 6), Statistics and Scientific Computation 384 (Topic 6). 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 384U, SDS 384 (TOPIC 6).
• 53710 MW 100 - 230P FAC 101B HERSH, M

M 385D THEORY OF PROBABILITY
Continuation of Computational Science, Engineering, and Mathematics 384Kand Mathematics 385C. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384L, Mathematics 384L, 385D. Prerequisite: Graduate standing; Computational Science, Engineering, andMathematics 384K or Mathematics 385C; and consent of instructor. same as CSE 384L.
• 53715 MWF 1100 - 1200 RLM 11.176 SIRBU, M

M 387D NUMRCL ANLY: DIFFERNTL EQUATNS
Advanced introduction to the theory and practice of commonly used numerical algorithms for the solution of ordinary differential equations, and elliptic, parabolic, and hyperbolic partial differential equations. Prerequisite: Graduate standing; and Computer Science 383C, Mathematics 387C, or consent of instructor. same as CSE 383L.
• 53720 MW 330 - 500P RLM 5.112 HUGHES, T

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.
• 53725 MWF 1200 - 100P RLM 5.118 CUDINA, M
• 53730 MWF 100 - 200P RLM 5.114 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.
• 53735 MWF 1000 - 1100 ECJ 1.204 AUSTIN, J

M 389J PROBABIL MOD WITH ACTUARL APPL
Introductory actuarial models for life insurance, property insurance, and annuities. With Mathematics 389P, covers the syllabus for the professional actuarial exam on model construction. Prerequisite: Graduate standing, and Mathematics 358K or 378K with a grade of at least C. meets with M 339J.
• 53740 MWF 100 - 200P CPE 2.220 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.
• 53745 TTH 1100 - 1230P RLM 5.114 HARPER, S

M 389V ACTUARL CONTINGENT PAYMENTS II
Advanced actuarial models for life insurance, property insurance, and annuities. Prerequisite: Graduate standing, and Mathematics 389F and 389U with a grade of at least C in each. meets with M 339V.
• 53750 TTH 200 - 330P RLM 5.122 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.
• 53755 MWF 900 - 1000 RLM 5.116 CUDINA, M

M 392C BRIDGELAND STABILITY CONDITION
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.
• 53760 TTH 200 - 330P RLM 11.176 SCHMIDT, B

KNOTS/3-MANIFOLDS
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.
• 53765 TTH 1100 - 1230P RLM 10.176 MCCOY, D

MATHEMATICAL GAUGE THEORY
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.
• 53770 TTH 1100 - 1230P RLM 9.166 FREED, D

SYMB DYNAMICS & TILING THEORY
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.
• 53775 TTH 930 - 1100 RLM 12.166 SADUN, L

M 393C EXTENSION OF SMOOTH FUNCTIONS
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.
• 53780 TTH 1230 - 200P RLM 12.166 ISRAEL, A

FAST METHS IN SCIENTIFIC COMP
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.
• 53785 TTH 1100 - 1230P RLM 12.166 MARTINSSON, P

FLUID MECHANICS
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.
• 53790 TTH 930 - 1100 RLM 11.176 VASSEUR, A

STAT/DISCRETE MTHD SCI COMP
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. Topic title: Statistical and Discrete Methods for Scientific Computing. Topic description: Studies in probabilistic and statistical inference, statistical model fitting, computational geometry, image processing, comp utational graph theory, and information theory. meets with C S 395T, CSE 383M.
• 53795 MW 1100 - 1230P GDC 5.304 BAJAJ, C

M 394C DYNAMICS ON RANDOM STRUCTURES
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.
• 53800 TTH 1100 - 1230P RLM 11.176 BACCELLI, F

MATHEMATICAL NEUROSCIENCE
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.
• 53805 TTH 930 - 1100 RLM 10.176 TAILLEFUMIER, T

course	unique	days	time	room	instructor

TROPICAL MATHEMATICS
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.

•	53810	TTH	1230 - 200P	RLM 11.176	TRAN, N

M 396C MATH EDUC POLICY PRACTICUM
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Recent topics have included set theory, history of mathematics. Prerequisite: Graduate standing and consent of instructor. meets with P A 388K.

•	53815	W	200 - 500P	RLM 11.176	TREISMAN, P

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.

•	53820				

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.

•	53825				

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.

•	53830				

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.

•	53835				

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

•	53840				

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

•	53845				

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

•	53850				

M 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mathematics 399R, 699R, or 999R.

•	53855				

M 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mathematics 399R, 699R, or 999R.

•	53860				

M 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Mathematics 399R, 699R, or 999R.

•	53865				

DEPARTMENT OF MOLECULAR BIOSCIENCES

Biochemistry - BCH
Molecular Biology - MOL
Systems and Synthetic Biology - SSB

BCH 206K UNDERGRADUATE RESEARCH
Hour(s) to be arranged. May be repeated for credit. Introduction to research practices; supervised individual undergraduate research in biochemistry. 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.

•	53920				

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.

•	53925	MW	1230 - 200P	MEZ B0.306	STEVENS, S
•	53930	MW	1200 - 130P	BUR 208	BARRICK, J

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-.

•	53935	TTH	1230 - 200P	BUR 108	

BCH 339M STRUCT & FUNCT OF MOL MACHINES
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-.

•	53940	TTH	930 - 1100	CPE 2.214	FINKELSTEIN, I

BCH 364C BIOINFORMATICS
Subjects include physical methods for the study of macromolecules, chemistry of proteins, enzyme chemistry, regulatory mechanisms for gene expression, and protein-nucleic acid interactions. Only one of the following may be counted: Biochemistry 364C, Chemistry 364C, Systems and Synthetic Biology 364C. Restricted to biochemistry majors. Prerequisite: Biochemistry 339F with a grade of at least B; Statistics and Data Sciences 328M (or Statistics and Scientific Computation 318M, 328M) with a grade of at least C-; and consent of the instructor. meets with BCH 394P.

•	53945	TTH	1100 - 1230P	JGB 2.202	MARCOTTE, E

BCH 364D MACROMOL STRUC DETERMINATION
Designed to accommodate 35 or fewer students. 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. meets with BCH 387D, BIO 394M.

•	53949	TTH	930 - 1100	JGB 2.202	MCLELLAN, J

BCH 365D STRC/FUNC PROTEIN/NUCLC ACDS
Exploration of the structures and functions of proteins and nucleic acids, utilizing quantitative methods to evaluate the roles of structural features in function, and developing new ways of thinking about the dynamics of macromolecules. Biochemistry 365D and Chemistry 365D may not both be counted. Restricted to biochemistry majors. Prerequisite: Biochemistry 339F and 370 with a grade of at least B. meets with BCH 394.

•	53950	MW	830 - 1000	GDC 6.202	JOHNSON, K

BCH 369 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 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.

•	53955	TTH	1100 - 1230P	ECJ 1.202	LABRAKE, C
•	53960	TTH	1230 - 200P	ECJ 1.202	LABRAKE, C
•	53965	TTH	200 - 330P	UTC 2.102A	GRABNER, G
•	53970	MW	330 - 500P	UTC 2.102A	GRABNER, G
•	53975	TTH	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.

•	53980				

BCH 369L BIOCHEMISTRY LABORATORY
Laboratory 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-.

•	53985	MW	1200 - 100P	PAI 4.42	MCDONALD, G
		MW	800 - 1130	NHB 1.306	
•	53990	MW	1200 - 100P	PAI 4.42	MCDONALD, G
		TTH	930 - 100P	NHB 1.306	
•	53995	MW	1200 - 100P	PAI 4.42	MCDONALD, G
		MW	100 - 430P	NHB 1.306	
•	54000	MW	1200 - 100P	PAI 4.42	MCDONALD, G
		TTH	200 - 530P	NHB 1.306	
•	54005	MW	1200 - 100P	PAI 4.42	MCDONALD, G
		MW	500 - 830P	NHB 1.306	
•	54010	MW	1200 - 100P	PAI 4.42	MCDONALD, G
		TTH	600 - 930P	NHB 1.306	

BIOCHEMISTRY LABORATORY-FRI
Laboratory 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-. Restricted to students who have completed the upper division lab credit in selected Freshman Research Initiative streams.

•	54015	MW	1200 - 100P	PAI 4.42	MCDONALD, G

BCH 370 PHYSICAL METHODS OF BIOCHEM
Designed to accommodate 100 or more students. 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-.
• 54020 MW 830 - 1000 RLP 0.112 HOFFMAN, D

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-.
• 54021 TTH 1200 - 130P PAR 301 HOFFMAN, D
• 54025 TTH 1230 - 200P PHR 2.110 HOFFMAN, 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.
• 54030

BCH 387D PHYS MTHD IN BIOCHEM/MOLEC BIO
Designed to accommodate 35 or fewer students. Theory of physical methods used in biochemistry and molecular biology. Prerequisite: Graduate standing, an undergraduate course in physical chemistry, and an undergraduate course in biochemistry. meets with BCH 364D, BIO 394M.
• 54035 TTH 930 - 1100 JGB 2.202 MCLELLAN, J

BCH 394 STRC/FUNC PROTEIN & NUCLC ACDS
Explores the structures and functions of proteins and nucleic acids. Emphasis is placed on quantitative methods used to evaluate the roles of structural features in function and in developing new ways of thinking about the dynamics of macromolecules. Biochemistry 394 and Chemistry 394 may not both be counted. Prerequisite: Graduate standing. meets with BCH 365D.
• 54040 MW 830 - 1000 GDC 6.202 JOHNSON, K

BCH 394P BIOINFORMATICS
Subjects include physical methods for the study of macromolecules, chemistry of proteins, enzyme chemistry, regulatory mechanisms for gene expression, and protein-nucleic acid interactions. Biochemistry 394P and Chemistry 391L (Topic: Bioinformatics) may not both be counted. Prerequisite: Graduate standing. meets with BCH 364C.
• 54044 TTH 1100 - 1230P JGB 2.202 MARCOTTE, E

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.
• 54045

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.
• 54050

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.
• 54055

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.
• 54060

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.
• 54065

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.
• 54070

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.
• 54075

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.
• 54080

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.
• 54085

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.
• 54090

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.
• 54095

MOL 292 RESEARCH PROBLEMS
Hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 54150

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.
• 54155

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.
• 54160

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.
• 54165

MOL 395H CELL BIOLOGY
Designed to accommodate 35 or fewer students. Restricted enrollment; contact the department for permission to register for this class. Detailed consideration of mechanisms of growth control, cell regulation,mitosis, cell signaling, protein targeting, and the integration of theseprocesses in various cellular processes. Prerequisite: Graduate standing; and consent of instructor or Biology 395F and 395G, Chemistry 395F and 395G, Molecular Biology 395F and 395G. same as BIO 395H, CH 395H.
• 54170 TTH 930 - 1100 MBB 1.210 WALLINGFORD, J

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.
• 54175

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.
• 54180

MOL 399R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 54185

MOL 699R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 54190

MOL 999R DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 54195

MOL 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Molecular Biology 399R, 699R, or 999R.
• 54200

MOL 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Molecular Biology 399R, 699R, or 999R.
• 54205

MOL 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Molecular Biology 399R, 699R, or 999R.
• 54210

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.
• 54265 MWF 1000 - 1100 DREW, M
• 54270 TTH 1100 - 1230P RLP 0.130 POLLAK, G

10/11/2018

course | unique | days | time | room | instructor

NEU 335 NEURAL SYSTEMS II
Designed to accommodate 100 or more students. 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: A grade of at least C- in the following: Biology 206L, and311D or 325H, Mathematics 408C or 408S, and Neuroscience 330.
• 54275 MWF 900 - 1000 SAC 1.402 DREW, M

NEU 337 ANALYTICAL SKEPTICISM
Course number may be repeated for credit when the topics vary. Topics include recent developments and research methods in the field of neuroscience. Prerequisite: Neuroscience 335 with a grade of at least C-; and credit with a grade of at least C- or registration in Physics 303L, 316, or 317L; additional prerequisites vary with the topic. Topic description: This course examines basic principles that allow accurate interpretation of scientific data with an emphasis on neuroscience data.
• 54280 MWF 900 - 1000 RLP 1.104 MARINELLI, M

RIGOR IN NEUROSCIENCE
Course number may be repeated for credit when the topics vary. Topics include recent developments and research methods in the field of neuroscience. Prerequisite: Neuroscience 335 with a grade of at least C-; and credit with a grade of at least C- or registration in Physics 303L, 316, or 317L; additional prerequisites vary with the topic. Topic description:Explores the application and integration of many different approaches, from molecules to behavior: This poses extra challenges to "doing neuroscience well". Students will cover a range of topics fro m statistics, experimental design, and philosophy of science with a mixture of discussion and hands-on training.
• 54285 TTH 930 - 1100 ECJ 1.222 HUK, 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: A grade of at least C- in Neuroscience 335 and Physics 303L, 316, or 317L.
• 54290 W 200 - 700P PAI 1.04 GOLDING, N

NEU 365W NEUROBIOLOGY OF ADDICTION
Study of the neurobiology of neurotransmitters, and the influence of alcohol and drugs of abuse on neurotransmitters. Biology 365W and Neuroscience 365W may not both be counted. Prerequisite: Neuroscience 335 with a grade of at least C- and credit with a grade of at least C- or registration for Physics 303L, 316, or 317L.
• 54295 TTH 1230 - 200P BUR 116 HARRIS, R

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: A grade of at least C- in Neuroscience 335 and Physics 303L, 316, or 317L.
• 54300 TTH 200 - 330P RLP 1.106 GOLDSCHEN, M

NEU 366D SYNAPTIC PHYSIOL & PLASTICITY
Detailed study of the physiology of synaptic transmission in the mammalian central nervous system. Covers dendritic integration and various forms and mechanisms of synaptic plasticity. Only one of the following may be counted: Biology 337 (Topic: Synaptic Physiology and Plasticity in the Central Nervous System), 366D, Neuroscience 366D. Prerequisite: A grade of at least C- in Neuroscience 335 and Physics 303L, 316, or 317L.
• 54305 MWF 1000 - 1100 RLP 1.104 HOWARD, M

NEU 366L NEUROIMAGING LABORATORY
Basic principles of image formation and techniques of fluorescent imaging and confocal laser-scanning microscopy. Includes image processing and analysis to extract quantitative information from digital images. Survey of imaging techniques, including electron microscopy and functional MRI. Only one of the following may be counted: Biology 337 (Topic: Microscopyand Fluorescence Imaging Laboratory), 366L, Neuroscience 366L. Prerequisite: A grade of at least C- in Neuroscience 335 and Physics 303L, 316, or 317L.
• 54310 T 100 - 200P BME 2.512 NAUHAUS, I
T 200 - 600P BME 2.512
• 54315 F 100 - 200P BME 2.512 NISHIYAMA, H
F 200 - 600P BME 2.512

NEU 366S NEUROMOLEC GENETIC/DISEASE LAB
Explores techniques used to study the molecular genetic basis for nervous system function and disease with a powerful invertebrate model system. Subjects will range from studying the conserved molecular basis for our senses and male/female-specific behaviors, to exploring how mutations of conserved neural genes cause neurological disorders, such as Parkinson's disease and Alzheimer's disease. Biology 366S and Neuroscience 366S may not both be counted. Prerequisite: Neuroscience 335 with a grade of at least C- and credit with a grade of at least C- or registration for Physics 303L, 316, or 317L.
• 54320 TTH 930 - 1230P BME 2.508 PIERCE, J

NEU 377 UNDERGRADUATE RESEARCH
Hour(s) to be arranged. 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- and credit with a grade of at least C- or registration in Physics 303L, 316, or 317L.
• 54325

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.
• 54330

NEU 380E VISION SYSTEMS
Introduction to the anatomy, physiology, and psychophysics of human vision from an information-processing and computational perspective. Neuroscience 380E and Psychology 380E may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with PSY 380E.
• 54335 TTH 1230 - 200P SEA 5.106 GEISLER, W

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.
• 54340

NEU 383D NEUROPHARMACOLOGY
An advanced survey of neurotransmitters and systems in the brain. Emphasis is on pharmacological analysis at the molecular level to determine mechanisms of action 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. meets with PGS 383D.
• 54345 TTH 200 - 330P PHR 2.214 GONZALES, R

NEU 383T PRINCIPLES OF NEUROSCIENCE II
Examines the core material on essential subjects in systems and behavioral neuroscience, together with review and discussion of important early studies and contemporary literature. Neuroscience 383T and Psychology 383T may not both be counted. Prerequisite: Graduate standing and consent of instructor.
• 54350 TTH 900 - 1100 ECJ 1.306 BRAGER, D

NEU 384C BOOTSTRAP STATISTICS
An introduction to modern methods of statistical analysis based on numerical computer simulation. Covers a range of common data analysis situations drawn mainly from the fields of neuroscience and experimental psychology. Techniques include point estimation, two-group and multiple group experiments, regression and curve fitting, and Bayesian analysis. Only one of the following may be counted: Neuroscience 384C, 385L (Topic: Bootstrap Statistics), Psychology 384C, 394U (Topic: Bootstrap Statistics). Prerequisite: Graduate standing, an undergraduate statistics course, and consent of instructor. same as PSY 384C. also meets with SDS 384.
• 54355 TTH 930 - 1100 SEA 2.116 CORMACK, L

NEU 385L ADDICTION NEUROSCIENCE
Designed to accommodate 35 or fewer students. 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.
• 54360 W 1130 - 100P MBB 2.204 MESSING, R

9-SYNAP PHYS/PLASTICITY IN CNS
Course number may be repeated for credit when the topics vary. Detailed background in the physiology and plasticity of synaptic transmission in the mammalian central nervous system. Prerequisite: Graduate standing; twelve semester hours of upper-division coursework in biology; and consent of instructor.
• 54365 TTH 200 - 330P JOHNSTON, D

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.
• 54370

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.
• 54375

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.
• 54380

NEU 391N LEARNING AND MEMORY
Presentation of contemporary approaches to the study of conditioning and learning at the behavioral level. Focuses on empirical data and theoretical analysis of acquisition and performance in Pavlovian and instrumental conditioning. Includes discussion of habituation, sensitization, stimulus control, and other paradigms for studying cognitive processes in nonverbal organisms. Prerequisite: Graduate standing. same as PSY 391N.
• 54385 TTH 1100 - 1230P SEA 1.332 DOMJAN, M

10/11/2018

course	unique	days	time	room	instructor

NEU 394P — ADV IN NEU PLASTICITY/BEHAV

Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing and consent of instructor. meets with PSY 394P.

• 54390	F	400 - 700P	SEA 3.250	JONES, T

NEUROINFLAMMATION IN HLTH/PATH

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. meets with PSY 394P.

• 54394	M	900 - 1200	SEA 4.242	GAUDET, A

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).

• 54395	W	300 - 600P	SEA 4.244	LEE, H

3-NEUROBIOL OF LEARNING/MEMORY

Course number may be repeated for credit when the topics vary. Neuroanatomical systems that are functionally related to basic forms of learning and memory in mammals. Neuroscience 394P (Topic 3) and Psychology 394P (Topic 3) may not both be counted. Prerequisite: Graduate standing and consent of instructor. meets with PSY 394P (TOPIC 3).

• 54399	F	100 - 400P	SEA 3.250	GONZALEZ-LIMA, F

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.

• 54400

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.

• 54405

NEU 399R — DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 54410

NEU 699R — DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 54415

NEU 999R — DISSERTATION

Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.

• 54420

NEU 399W — DISSERTATION

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

• 54425

NEU 699W — DISSERTATION

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

• 54430

NEU 999W — DISSERTATION

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

• 54435

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.

• 54490	MW	800 - 1000	RLM 8.318
• 54495	TTH	800 - 1000	RLM 8.318
• 54500	MW	900 - 1100	RLM 8.322
• 54505	TTH	900 - 1100	RLM 8.322
• 54510	MW	1000 - 1200	RLM 8.318
• 54515	TTH	1000 - 1200	RLM 8.318
• 54520	MW	1100 - 100P	RLM 8.322
• 54525	TTH	1100 - 100P	RLM 8.322
• 54530	MW	1200 - 200P	RLM 8.318
• 54535	TTH	1200 - 200P	RLM 8.318
• 54540	MW	200 - 400P	RLM 8.322
• 54545	TTH	200 - 400P	RLM 8.322
• 54550	MW	400 - 600P	RLM 8.318
• 54555	TTH	400 - 600P	RLM 8.318
• 54560	MW	600 - 800P	RLM 8.322
• 54565	TTH	600 - 800P	RLM 8.322

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.

• 54570	MW	1000 - 1200	RLM 8.314
• 54575	TTH	1000 - 1200	RLM 8.314
• 54580	MW	1200 - 200P	RLM 8.314
• 54585	TTH	1200 - 200P	RLM 8.314
• 54590	MW	200 - 400P	RLM 8.314
• 54595	TTH	200 - 400P	RLM 8.314
• 54600	MW	400 - 600P	RLM 8.314
• 54605	TTH	400 - 600P	RLM 8.314
• 54610	MW	600 - 800P	RLM 8.314
• 54615	TTH	600 - 800P	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.

• 54670	TTH	800 - 930	PAI 2.48	TSOI, M
• 54675	TTH	930 - 1100	PAI 2.48	

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.

• 54680	W	800 - 1100	RLM 7.322	GENTLE, K
• 54685	W	1100 - 200P	RLM 7.322	GENTLE, K
• 54690	W	200 - 500P	RLM 7.322	GENTLE, K
• 54695	W	500 - 800P	RLM 7.322	GENTLE, K
• 54700	W	800 - 1100P	RLM 7.322	GENTLE, K

LABORATORY FOR PHY 301-FRI

Hour(s) to be arranged. 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. Restricted to students in the Freshman Research Initiative.

• 54705	MARKERT, J
• 54710	MONTGOMERY, M

LABORATORY FOR PHY 301-FRI

Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to students in the Freshman Research Initiative.

• 54715	LA COUR, B

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.

• 54720	MWF	300 - 400P	PAI 2.48	MARDER, M
• 54725	TTH	330 - 500P	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.

• 54730	MWF	800 - 900	PAI 4.42	
• 54735	MWF	900 - 1000	PAI 4.42	
• 54740	TTH	1100 - 1230P	PAI 4.42	LAI, K

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.

• 54745	T	800 - 1000	RLM 8.202	REICHL, L
• 54750	M	1000 - 1200	RLM 8.202	REICHL, L

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course	unique	days	time	room	instructor
	• 54755	T	1000 - 1200	RLM 8.202	REICHL, L
	• 54760	M	1200 - 200P	RLM 8.202	REICHL, L
	• 54765	T	1200 - 200P	RLM 8.202	REICHL, L
	• 54770	M	200 - 400P	RLM 8.202	REICHL, L
	• 54775	T	200 - 400P	RLM 8.202	REICHL, L
	• 54780	M	400 - 600P	RLM 8.202	REICHL, L
	• 54785	T	400 - 600P	RLM 8.202	REICHL, L
	• 54790	M	600 - 800P	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.

• 54795	W	800 - 1000	RLM 8.202	YAO, Z
• 54800	F	800 - 1000	RLM 8.202	YAO, Z
• 54805	W	1000 - 1200	RLM 8.202	YAO, Z
• 54810	TH	1000 - 1200	RLM 8.202	YAO, Z
• 54815	F	1000 - 1200	RLM 8.202	YAO, Z
• 54820	W	1200 - 200P	RLM 8.202	YAO, Z
• 54825	TH	1200 - 200P	RLM 8.202	YAO, Z
• 54830	F	1200 - 200P	RLM 8.202	YAO, Z
• 54835	W	200 - 400P	RLM 8.202	YAO, Z
• 54840	TH	200 - 400P	RLM 8.202	YAO, Z
• 54845	W	400 - 600P	RLM 8.202	YAO, Z
• 54850	TH	400 - 600P	RLM 8.202	YAO, Z
• 54855	W	600 - 800P	RLM 8.202	YAO, Z
• 54860	TH	600 - 800P	RLM 8.202	YAO, Z
• 54865	T	800 - 1000P	RLM 8.202	YAO, Z
• 54870	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.

• 54875	MWF	800 - 900	PAI 2.48	DE LOZANNE, A
	T	600 - 700P	RLM 7.116	
• 54880	MWF	800 - 900	PAI 2.48	DE LOZANNE, A
	T	700 - 800P	RLM 7.116	
• 54885	MWF	800 - 900	PAI 2.48	DE LOZANNE, A
	T	800 - 900P	RLM 7.116	
• 54890	MWF	800 - 900	PAI 2.48	DE LOZANNE, A
	T	900 - 1000P	RLM 7.116	
• 54895	MWF	900 - 1000	PAI 2.48	FLORIN, E
	W	600 - 700P	RLM 7.116	
• 54900	MWF	900 - 1000	PAI 2.48	FLORIN, E
	W	700 - 800P	RLM 7.116	
• 54905	MWF	900 - 1000	PAI 2.48	FLORIN, E
	W	800 - 900P	RLM 6.112	
• 54910	MWF	900 - 1000	PAI 2.48	FLORIN, E
	W	900 - 1000P	RLM 7.116	
• 54915	MWF	1200 - 100P	CAL 100	FINK, M
	T	600 - 700P	RLM 7.114	
• 54920	MWF	1200 - 100P	CAL 100	FINK, M
	T	700 - 800P	RLM 7.114	
• 54925	MWF	1200 - 100P	CAL 100	FINK, M
	T	800 - 900P	RLM 7.114	
• 54930	MWF	1200 - 100P	CAL 100	FINK, M
	T	900 - 1000P	RLM 7.114	
• 54935	TTH	1230 - 200P	PAI 2.48	ERSKINE, J
	W	600 - 700P	JES A305A	
• 54940	TTH	1230 - 200P	PAI 2.48	ERSKINE, J
	W	700 - 800P	JES A305A	
• 54945	TTH	1230 - 200P	PAI 2.48	ERSKINE, J
	W	800 - 900P	JES A305A	
• 54950	TTH	1230 - 200P	PAI 2.48	ERSKINE, J
	W	900 - 1000P	JES A305A	
• 54955	MWF	100 - 200P	PAI 2.48	REICHL, L
	TH	600 - 700P	JES A305A	
• 54960	MWF	100 - 200P	PAI 2.48	REICHL, L
	TH	700 - 800P	JES A305A	
• 54965	MWF	100 - 200P	PAI 2.48	REICHL, L
	TH	800 - 900P	JES A305A	
• 54970	MWF	100 - 200P	PAI 2.48	REICHL, L
	TH	900 - 1000P	JES A305A	

ENGINEERING PHYSICS I

Additional hour(s) to be arranged. 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.

• 54975	TTH	200 - 330P	PAI 2.48	ERSKINE, J
	TH	600 - 700P	RLM 7.114	
• 54980	TTH	200 - 330P	PAI 2.48	ERSKINE, J
	TH	700 - 800P	RLM 7.114	
• 54985	TTH	200 - 330P	PAI 2.48	ERSKINE, J
	TH	800 - 900P	RLM 7.114	
• 54990	TTH	200 - 330P	PAI 2.48	ERSKINE, J
	TH	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.

• 54995	TTH	1230 - 200P	PAI 4.42	DITMIRE, T
	W	600 - 700P	RLM 7.114	
• 55000	TTH	1230 - 200P	PAI 4.42	DITMIRE, T
	W	700 - 800P	RLM 7.114	
• 55005	TTH	1230 - 200P	PAI 4.42	DITMIRE, T
	W	800 - 900P	RLM 7.114	
• 55010	TTH	1230 - 200P	PAI 4.42	DITMIRE, T
	W	900 - 1000P	RLM 7.114	
• 55015	MWF	300 - 400P	PAI 4.42	LI, X
	M	600 - 700P	RLM 7.116	
• 55020	MWF	300 - 400P	PAI 4.42	LI, X
	M	700 - 800P	RLM 7.116	
• 55025	MWF	300 - 400P	PAI 4.42	LI, X
	M	800 - 900P	RLM 7.116	
• 55030	MWF	300 - 400P	PAI 4.42	LI, X
	M	900 - 1000P	RLM 7.116	
• 55035	TTH	330 - 500P	PAI 4.42	SHIH, C
	M	600 - 700P	RLM 7.114	
• 55040	TTH	330 - 500P	PAI 4.42	SHIH, C
	M	700 - 800P	RLM 7.114	
• 55045	TTH	330 - 500P	PAI 4.42	SHIH, C
	M	800 - 900P	RLM 7.114	
• 55050	TTH	330 - 500P	PAI 4.42	SHIH, C
	M	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.

• 55055	M	800 - 1000	RLM 8.316	KETO, J
• 55060	T	800 - 1000	RLM 8.316	KETO, J
• 55065	F	800 - 1000	RLM 8.316	KETO, J
• 55070	T	900 - 1100	RLM 8.206	KETO, J
• 55075	W	900 - 1100	RLM 8.206	KETO, J
• 55080	M	1000 - 1200	RLM 8.316	KETO, J
• 55085	T	1000 - 1200	RLM 8.316	KETO, J
• 55090	W	1000 - 1200	RLM 8.316	KETO, J
• 55095	TH	1000 - 1200	RLM 8.316	KETO, J
• 55100	F	1000 - 1200	RLM 8.316	KETO, J
• 55105	M	1100 - 100P	RLM 8.206	KETO, J
• 55110	T	1100 - 100P	RLM 8.206	KETO, J
• 55115	W	1100 - 100P	RLM 8.206	KETO, J
• 55120	TH	1100 - 100P	RLM 8.206	KETO, J
• 55125	M	1200 - 200P	RLM 8.316	KETO, J
• 55130	T	1200 - 200P	RLM 8.316	KETO, J
• 55135	W	1200 - 200P	RLM 8.316	KETO, J
• 55140	TH	1200 - 200P	RLM 8.316	KETO, J
• 55145	F	1200 - 200P	RLM 8.316	KETO, J
• 55150	M	100 - 300P	RLM 8.206	KETO, J
• 55155	T	100 - 300P	RLM 8.206	KETO, J
• 55160	M	200 - 400P	RLM 8.316	KETO, J
• 55165	T	200 - 400P	RLM 8.316	KETO, J
• 55170	W	200 - 400P	RLM 8.316	KETO, J
• 55175	TH	200 - 400P	RLM 8.316	KETO, J
• 55180	M	300 - 500P	RLM 8.206	KETO, J
• 55185	T	300 - 500P	RLM 8.206	KETO, J
• 55190	W	300 - 500P	RLM 8.206	KETO, J
• 55195	M	400 - 600P	RLM 8.316	KETO, J
• 55200	T	400 - 600P	RLM 8.316	KETO, J
• 55205	W	400 - 600P	RLM 8.316	KETO, J
• 55210	M	500 - 700P	RLM 8.206	KETO, J
• 55215	T	500 - 700P	RLM 8.206	KETO, J
• 55220	T	600 - 800P	RLM 8.316	KETO, J
• 55225	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.

• 55230	TH	800 - 1000	RLM 8.320	MARKERT, J
	TH	1000 - 1100	RLM 8.320	
• 55235	M	1000 - 1200	RLM 8.320	MARKERT, J
	M	1200 - 100P	RLM 8.320	
• 55240	TH	1200 - 200P	RLM 8.320	MARKERT, J
	TH	200 - 300P		
• 55245	M	200 - 400P	RLM 8.320	MARKERT, J
	M	400 - 500P	RLM 5.126	
• 55250	W	200 - 400P	RLM 8.320	MARKERT, J
	W	400 - 500P		

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course	unique	days	time	room	instructor
	• 55255	M	400 - 600P	RLM 8.320	MARKERT, J
		M	600 - 700P	RLM 5.112	
	• 55260	W	400 - 600P	RLM 8.320	MARKERT, J
		W	600 - 700P		
	• 55265	TH	400 - 600P	RLM 8.320	MARKERT, J
		TH	600 - 700P	RLM 5.112	
	• 55270	T	600 - 800P	RLM 8.320	MARKERT, J
		T	800 - 900P	RLM 5.112	

PHY 108 INTRODUCTION TO RESEARCH-FRI

Restricted enrollment; contact the department for permission to register for this class. Offered on the pass/fail basis only. May be repeated for credit. Introductory laboratory experience; use of tools and test equipment; beginning apprenticeship in active physics research. Prerequisite: Consent of instructor and approval of an undergraduate adviser. Restricted to students in the Freshman Research Initiative.

• 55275	M	500 - 600P	RLM 5.112	MARKERT, J

INTRODUCTION TO 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. Offered on the pass/fail basis only. May be repeated for credit. Introductory laboratory experience; use of tools and test equipment; beginning apprenticeship in active physics research. Prerequisite: Consent of instructor and approval of an undergraduate adviser. Restricted to students in the Freshman Research Initiative. meets with C S 309.

• 55280	TTH	330 - 500P	SEA 2.122	LA COUR, B

PHY 309L ELEM PHY FOR NONTECH STUDENTS

Electricity and magnetism, light, atomic and nuclear physics. 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 304, Physics 302L, 303L, 309L, 316, 317L. May not be counted toward a degree in the College of Natural Sciences. Prerequisite: Physics 309K with a grade of at least C-.

• 55285	MWF	1100 - 1200	PAI 4.42	FINK, M

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.

• 55290	M	500 - 600P	RLM 7.114	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.

• 55295	TTH	800 - 930	PAI 4.42	PABAN, S

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.

• 55300	M	200 - 500P	RLM 7.322	HEINZEN, D
• 55305	T	200 - 500P	RLM 7.322	HEINZEN, D
• 55310	M	500 - 800P	RLM 7.322	HEINZEN, D
• 55315	T	500 - 800P	RLM 7.322	HEINZEN, D
• 55320	M	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.

• 55325	MWF	100 - 200P	PAI 4.42	DOWNER, M

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.

• 55330	T	800 - 1100	RLM 7.322	GENTLE, K
• 55335	TH	800 - 1100	RLM 7.322	GENTLE, K
• 55340	T	1100 - 200P	RLM 7.322	GENTLE, K
• 55345	TH	1100 - 200P	RLM 7.322	GENTLE, K
• 55350	TH	200 - 500P	RLM 7.322	GENTLE, K
• 55355	TH	500 - 800P	RLM 7.322	GENTLE, K

LABORATORY FOR PHY 316-FRI

Hour(s) to be arranged. 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. Restricted to students in the Freshman Research Initiative.

• 55360				MARKERT, J

LABORATORY FOR PHY 316-FRI

Hour(s) to be arranged. Laboratory hour(s) to be arranged. Restricted enrollment; contact the department for permission to register for this class. 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. Restricted to the students in the Freshman Research Initiative.

• 55365				LA COUR, B

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.

• 55370	MWF	1000 - 1100	PAI 2.48	YAO, Z
• 55375	MWF	1200 - 100P	PAI 2.48	YAO, Z

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 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.

• 55380	TTH	930 - 1100	BEL 328	
• 55385	TTH	930 - 1100	PAI 4.42	SCHWITTERS, R
• 55390	MWF	1000 - 1100	PAI 4.42	GENTLE, K

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.

• 55395	M	800 - 1100	RLM 8.210	SITZ, G
• 55400	T	800 - 1100	RLM 8.210	SITZ, G
• 55405	W	800 - 1100	RLM 8.210	SITZ, G
• 55410	M	1100 - 200P	RLM 8.210	SITZ, G
• 55415	W	1100 - 200P	RLM 8.210	SITZ, G
• 55420	M	200 - 500P	RLM 8.210	SITZ, G
• 55425	T	200 - 500P	RLM 8.210	SITZ, G
• 55430	W	200 - 500P	RLM 8.210	SITZ, G
• 55435	TH	200 - 500P	RLM 8.210	SITZ, G
• 55440	M	500 - 800P	RLM 8.210	SITZ, G
• 55445	T	500 - 800P	RLM 8.210	SITZ, G
• 55450	W	500 - 800P	RLM 8.210	SITZ, G
• 55455	TH	500 - 800P	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.

• 55460	M	800 - 1100	RLM 8.208	SCHWITTERS, R
• 55465	T	800 - 1100	RLM 8.208	SCHWITTERS, R
• 55470	TH	800 - 1100	RLM 8.208	SCHWITTERS, R
• 55475	M	1100 - 200P	RLM 8.208	SCHWITTERS, R
• 55480	T	1100 - 200P	RLM 8.208	SCHWITTERS, R
• 55485	W	1100 - 200P	RLM 8.208	SCHWITTERS, R
• 55490	TH	1100 - 200P	RLM 8.208	SCHWITTERS, R
• 55495	M	200 - 500P	RLM 8.208	SCHWITTERS, R
• 55500	T	200 - 500P	RLM 8.208	SCHWITTERS, R
• 55505	W	200 - 500P	RLM 8.208	SCHWITTERS, R
• 55510	TH	200 - 500P	RLM 8.208	SCHWITTERS, R
• 55515	M	500 - 800P	RLM 8.208	SCHWITTERS, R
• 55520	T	500 - 800P	RLM 8.208	SCHWITTERS, R
• 55525	W	500 - 800P	RLM 8.208	SCHWITTERS, R
• 55530	TH	500 - 800P	RLM 8.208	SCHWITTERS, R

PHY 321 MODERN PHYSICS: PLAN II

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.

• 55535	TTH	200 - 330P	PAI 4.42	GLEESON, A

PHY 333 MODERN OPTICS

Review of geometrical optics, polarization, interference, and optical instruments. Subjects include Fourier optics, light propagation in fibers, quantum optics, and coherence. Prerequisite: The following coursework with a grade of at least C- in each: Mathematics 427J or 427K, Physics 315, and 115L.

• 55540	MWF	800 - 900	RLM 7.104	YEAZELL, J

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.

• 55545	MWF	1100 - 1200	RLM 7.104	FITZPATRICK, R

PHY 341 7-RESEARCH METHODS: UTEACH

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

course	unique	days	time	room	instructor

in a natural science, and three semester hours of coursework in mathematics. meets with BIO 337 (TOPIC 2).

• 55550	M	1100 - 100P	PAI 4.08	KUMAR, P
	W	1100 - 100P	PAI 4.14	

7-RESEARCH METHODS: UTEACH

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. meets with BIO 337 (TOPIC 2), CH 368 (TOPIC 1).

• 55555	M	900 - 1100	PAI 4.08	EKBERG, D
	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.

• 55560	MWF	1000 - 1100	RLM 7.104	CACERES, E

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.

• 55565	M	900 - 1000	ECJ 1.308	SITZ, G
	TTH	800 - 1100	RLM 7.302	
• 55570	M	900 - 1000	ECJ 1.308	SITZ, G
	MW	200 - 500P	RLM 7.302	
• 55575	M	900 - 1000	ECJ 1.308	SITZ, G
	TTH	200 - 500P	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-.

• 55580	TTH	800 - 930	RLM 7.104	MARKERT, J

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-.

• 55585	MWF	100 - 200P	RLM 7.104	KETO, J

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.

• 55590	MWF	1200 - 100P	ECJ 1.314	COKER, W

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.

• 55595	TTH	1100 - 1230P	RLM 7.104	HAZELTINE, R

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.

• 55600

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.

• 55605

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.

• 55610	TTH	1230 - 200P	RLM 7.104	HEINZEN, D

PHY 474 ADVANCED LABORATORY I

Additional 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, may be repeated for credit. Prerequisite: Physics 352K, 353L, and 355; or consent of the undergraduate adviser. Physics 338K is recommended.

• 55615	TTH	930 - 1100	RLM 7.112	ANDEEN, T

PHY 375S INTRO SOLID-STATE PHYSICS

Crystal structure, classification of solids, cohesion, thermal and electrical properties of solids, magnetic properties of solids, imperfections. Prerequisite: The following coursework with a grade of at least C- in each: Physics 369 and 373.

• 55620	TTH	200 - 330P	RLM 5.120	CHELIKOWSKY, J

PHY 379H HONORS TUTORIAL COURSE

Hour(s) to be arranged. Research project, resulting in a thesis, for outstanding students electing to take the honors program in physics. Prerequisite: A University grade point average of at least 3.00, a grade point average in physics of at least 3.50, twelve semester hours of upper-division coursework in physics, and consent of the student's research supervisor and the departmental honors adviser.

• 55625

PHY 381N METH OF MATHEMATICL PHYSICS II

Continuation of Computational Science, Engineering, and Mathematics 385Mand Physics 381M. Topology, functional analysis, approximation methods, group theory, differential manifolds. Computational Science, Engineering, and Mathematics 385N and Physics 381N may not both be counted. Prerequisite: Graduate standing; and Computational Science, Engineering,and Mathematics 385M or Physics 381M. same as CSE 385N.

• 55630	TTH	200 - 330P	RLM 5.114	MORRISON, P

PHY 382N NONLINEAR DYNAMICS

Basic concepts of evolution and stability, examples of instabilities, low dimensional dynamical systems, chaos, characterization of temporal chaos, pattern formation, Hamiltonian systems. Prerequisite: Graduate standing and consent of instructor.

• 55635	TTH	330 - 500P	SZB 524	MORRISON, P

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.

• 55640	MWF	100 - 200P	RLM 11.204	

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.

• 55645	TTH	1230 - 200P	RLM 5.112	NIU, Q

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.

• 55650	MWF	1100 - 1200	RLM 7.112	

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.

• 55655	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.

• 55660	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.

• 55665	TTH	330 - 500P	RLM 5.120	KAPLUNOVSKY, V

PHY 387M RELATIVITY THEORY I

Tensor calculus; Riemannian geometry; geometry of Minkowski space-time; special relativity theory. Prerequisite: Graduate standing and Physics 387K.

• 55670	TTH	930 - 1100	RLP 0.122	MATZNER, R

PHY 388M GRADUATE COLLOQUY

Offered on the credit/no credit basis only. Reviews of current topics in physics research. Prerequisite: Graduate standing.

• 55675	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.

• 55680	MWF	1000 - 1100	RLM 5.120	FISCHLER, W

PHY 389L QUANTUM MECHANICS II

Perturbation techniques; systems of identical particles; quantum theory of radiation; emission and absorption of photons; selection rules; life times; scattering theory for light and particles, S-matrix; relativistic corrections to electron motion. Prerequisite: Graduate standing and Physics 389K.

• 55685	TTH	930 - 1100	RLM 5.126	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.

• 55690

2014/2015

course	unique	days	time	room	instructor

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.
• 55695

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.
• 55700

PHY 391S SEMINAR IN PLASMA 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.
• 55705 F 300 - 600P RLM 11.238 MORRISON, P

PHY 392K SOLID-STATE PHYSICS I
Lattice vibrations and thermal properties of solids; band theory of solids; transport properties of metals and semiconductors; optical properties; magnetic properties; magnetic relaxation; superconductivity. Prerequisite: Graduate standing, Physics 389K, and Physics 375S or the equivalent.
• 55710 TTH 1230 - 200P MEZ 2.102 DEMKOV, A

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.
• 55715 TTH 1230 - 200P RLM 11.204 REICHL, L

PHY 395K NONLINEAR OPTICS AND LASERS
Gaussian beam optics, interaction of electromagnetic radiation with matter, semiclassical laser theory, experimental laser systems, nonlinear optical susceptibilities, harmonic generation, wave mixing, electro-optic and acousto-optic effects, coherent transient effects, optical breakdown, laser-plasma interactions. Prerequisite: Graduate standing, and either Physics 387K and 389K or consent of instructor.
• 55720 TTH 1230 - 200P RLM 5.116 DOWNER, M

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.
• 55725 F 400 - 700P FINK, M

PHY 395T SPEC TPCS IN ATOMIC/MOLEC PHY
Topics to be announced. With consent of instructor, may be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 55730 TTH 200 - 330P RAIZEN, M
• 55735 MWF 400 - 500P RLM 5.120 LI, X

PHY 396L QUANTUM FIELD THEORY II
Path-integral formalism, massless particles, electrodynamics, nonperturbative methods, one-loop calculations in quantum electrodynamics, general renormalization theory, soft photons, bound statics in quantum electrodynamics. Prerequisite: Graduate standing and Physics 396K.
• 55740 MWF 900 - 1000 RLM 5.114 DICUS, D

PHY 396Q STRING THEORY II
Advanced conformal field theory, perturbative string theory and compactification. Introduction to nonperturbative aspects of string theory. Prerequisite: Graduate standing and Physics 396P.
• 55745 MWF 1100 - 1200 ETC 2.132 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.
• 55750 T 500 - 630P RLM 7.104 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.
• 55755 TTH 200 - 330P RLM 9.222 PABAN, S

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.
• 55760

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.
• 55765

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.
• 55770

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.
• 55775

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.
• 55780

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.
• 55785

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.
• 55790

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.
• 55795

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.
• 55850 TTH 1100 - 1230P BUR 116 HARVEY, K

ELEM STATISTICAL METHODS
Designed to accommodate 100 or more students. 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.
• 55855 MW 200 - 330P UTC 3.122 HERNANDEZ, S

SDS 302 DATA ANLY FOR HEALTH SCIENCES
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.

• 55860	MW	900 - 1030	UTC 3.132	HONG, K
	W	300 - 400P	FAC 101B	
• 55865	MW	900 - 1030	UTC 3.132	HONG, K
	W	400 - 500P	FAC 101B	
• 55870	MW	900 - 1030	UTC 3.132	HONG, K
	W	500 - 600P	FAC 101B	
• 55875	MW	1000 - 1130	UTC 3.124	
	TH	300 - 400P	WEL 2.144	
• 55880	MW	1000 - 1130	UTC 3.124	
	TH	400 - 500P	WEL 2.144	
• 55885	MW	1000 - 1130	UTC 3.124	
	TH	500 - 600P	WEL 2.144	
• 55895	TTH	200 - 330P	UTC 4.102	IOUDINA, V
	F	400 - 500P	WEL 2.144	
• 55900	TTH	200 - 330P	UTC 4.102	IOUDINA, V
	F	500 - 600P	WEL 2.144	

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.

• 55905	MW	1100 - 1230P	UTC 4.112	HONG, K
	F	900 - 1000	FAC 101B	
• 55910	MW	1100 - 1230P	UTC 4.112	HONG, K
	F	1000 - 1100	FAC 101B	
• 55915	MW	1100 - 1230P	UTC 4.112	HONG, K
	F	1100 - 1200	FAC 101B	
• 55920	MW	1200 - 130P	UTC 3.134	RARICK, J
	F	1200 - 100P	WEL 2.144	
• 55925	MW	1200 - 130P	UTC 3.134	RARICK, J
	F	100 - 200P	WEL 2.144	
• 55930	MW	1200 - 130P	UTC 3.134	RARICK, J
	F	200 - 300P	WEL 2.144	

10/11/2018

course	unique	days	time	room	instructor
	• 55935	MW	200 - 330P	UTC 4.122	RARICK, J
		F	1200 - 100P	FAC 101B	
	• 55940	MW	200 - 330P	UTC 4.122	RARICK, J
		F	100 - 200P	FAC 101B	
	• 55945	MW	200 - 330P	UTC 4.122	RARICK, J
		F	200 - 300P	FAC 101B	

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.

• 55950	MW	1100 - 1230P	UTC 3.132	
• 55955	TTH	1100 - 1230P	UTC 3.132	
• 55960	MW	100 - 230P	UTC 4.112	
• 55965	MW	230 - 400P	UTC 3.132	

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.

• 55970	TTH	1100 - 1230P	RLP 1.402	IRIZARRY MURPHY, Y

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-.

• 55975	TTH	930 - 1100	UTC 3.134	

INTRO TO PROBABIL & STATISTICS

Designed to accommodate 100 or more students. 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-.

• 55980	TTH	1100 - 1230P	UTC 4.112	VISWANATHAN, B

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-.

• 55985	TTH	200 - 330P	UTC 4.112	

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.

• 55990	TTH	330 - 500P	FAC 101B	

SDS 323 STATISTICAL LEARNING/INFERENCE

Designed to accommodate 35 or fewer students. 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.

• 55995	TTH	300 - 430P	PAR 201	CHEN, S

SDS 325H HONORS STATISTICS

An introduction to the fundamental theories, concepts, and methods of statistics. Emphasizes probability models, exploratory data analysis, sampling distributions, confidence intervals, hypothesis testing, correlation and regression, and the use of statistical software. Statistics and Data Sciences 325H and Statistics and Scientific Computation 325H may not both be counted. Prerequisite: Admission to the Dean's Scholars Honors Program in the College of Natural Sciences or consent of instructor.

• 56000	MW	200 - 330P	CBA 4.340	

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.

• 56005	MW	900 - 1030	UTC 4.134	
	T	900 - 1000	WEL 2.144	
• 56010	MW	900 - 1030	UTC 4.134	
	T	1000 - 1100	WEL 2.144	
• 56015	MW	900 - 1030	UTC 4.134	
	T	1100 - 1200	WEL 2.144	
• 56020	MW	930 - 1100	UTC 4.112	HERNANDEZ, S
	TH	900 - 1000	WEL 2.144	
• 56025	MW	930 - 1100	UTC 4.112	HERNANDEZ, S
	TH	1000 - 1100	WEL 2.144	
• 56030	MW	930 - 1100	UTC 4.112	HERNANDEZ, S
	TH	1100 - 1200	WEL 2.144	
• 56035	TTH	930 - 1100	UTC 4.110	
	M	1200 - 100P	WEL 2.144	
• 56040	TTH	930 - 1100	UTC 4.110	
	M	100 - 200P	WEL 2.144	
• 56045	TTH	930 - 1100	UTC 4.110	
	M	200 - 300P	WEL 2.144	
• 56050	MW	1100 - 1230P	UTC 4.110	HERNANDEZ, S
	W	300 - 400P	WEL 2.144	
• 56055	MW	1100 - 1230P	UTC 4.110	HERNANDEZ, S
	W	400 - 500P	WEL 2.144	
• 56060	MW	1100 - 1230P	UTC 4.110	HERNANDEZ, S
	W	500 - 600P	WEL 2.144	
• 56065	TTH	1100 - 1230P	UTC 4.110	
	T	100 - 200P	WEL 2.144	
• 56070	TTH	1100 - 1230P	UTC 4.110	
	T	200 - 300P	WEL 2.144	
• 56075	TTH	1100 - 1230P	UTC 4.110	
	T	300 - 400P	WEL 2.144	
• 56080	MW	1230 - 200P	UTC 4.122	HONG, K
	TH	1200 - 100P	WEL 2.144	
• 56085	MW	1230 - 200P	UTC 4.122	HONG, K
	TH	100 - 200P	WEL 2.144	
• 56090	MW	1230 - 200P	UTC 4.122	HONG, K
	TH	200 - 300P	WEL 2.144	
• 56095	TTH	1230 - 200P	GSB 2.126	
	W	1200 - 100P	WEL 2.144	
• 56100	TTH	1230 - 200P	GSB 2.126	
	W	100 - 200P	WEL 2.144	
• 56105	TTH	1230 - 200P	GSB 2.126	
	W	200 - 300P	WEL 2.144	
• 56110	MW	100 - 230P	BUR 116	
	F	900 - 1000	WEL 2.144	
• 56115	MW	100 - 230P	BUR 116	
	F	1000 - 1100	WEL 2.144	
• 56120	MW	100 - 230P	BUR 116	
	F	1100 - 1200	WEL 2.144	
• 56125	TTH	200 - 330P	UTC 3.134	
	M	900 - 1000	WEL 2.144	
• 56130	TTH	200 - 330P	UTC 3.134	
	M	1000 - 1100	WEL 2.144	
• 56135	TTH	200 - 330P	UTC 3.134	
	M	1100 - 1200	WEL 2.144	

BIOSTATISTICS

Designed to accommodate 35 or fewer students. 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.

• 56137	MW	200 - 330P	UTC 4.102	SARKAR, A
	TH	1100 - 1200	FAC 101B	
• 56138	MW	200 - 330P	UTC 4.102	SARKAR, A
	TH	1000 - 1100	FAC 101B	
• 56139	MW	200 - 330P	UTC 4.102	SARKAR, A
	TH	900 - 1000	FAC 101B	

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.

• 56140	MW	1100 - 1230P	UTC 4.134	

SDS 348 COMPUTATNL BIO & BIOINFRMTCS

Computational-based data sorting, data transformation, and data analysis; programming in Python and R. Prerequisite: Statistics and Data Sciences 328M (or Statistics and Scientific Computation 328M) with a grade of at least C-. meets with SDS 385.

• 56145	TTH	930 - 1100	UTC 3.112	WILKE, C
	W	900 - 1000	FAC 101B	
• 56150	TTH	930 - 1100	UTC 3.112	WILKE, C
	W	1000 - 1100	FAC 101B	

AUG 1 1/2018

course unique days time room instructor

SDS 374C PARALLEL COMPUT FOR SCI & ENGR

Study of parallel computing principles, architectures, and technologies; and parallel application development, performance, and scalability. Designed to help prepare students to formulate and develop parallel algorithms to implement effective applications for parallel computing systems. Statistics and Data Sciences 374C and Statistics and Scientific Computation 374C may not both be counted. Prerequisite: Mathematics 408D or 408M, 340L, and prior programming experience using C or Fortran on Linux or Unix systems. meets with SDS 394C.

• 56155 TTH 1230 - 200P FAC 101B

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.

• 56160 MWF 900 - 1000 RLM 5.104
• 56165 TTH 1100 - 1230P RLM 6.104 MAXWELL, M

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.

• 56170

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.

• 56175

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.

• 56180 MWF 1100 - 1200 HERSH, M

SDS 380D STATISTICAL METHODS II

Continuation of Statistics and Data Sciences 380C (or Statistics and Scientific Computation 380C). Surveys advanced statistical modeling and may include random and mixed effects models, time series analysis, survival analysis, Bayesian methods, and multivariate analysis of variance. Use of statistical software is emphasized. Statistics and Data Sciences 380D and Statistics and Scientific Computation 380D may not both be counted. Prerequisite: Graduate standing, and Statistics and Data Sciences 380C (or Statistics and Scientific Computation 380C) or the equivalent.

• 56185 TTH 1230 - 200P UTC 4.110 HERSH, M

SDS 383D STATISTICAL MODELING II

Use of structured, probabilistic models that incorporate multiple layers of uncertainty to describe real-world systems. Topics include multivariate normal distribution, mixture models, nonparametric Bayesian analysis, advanced hierarchical models and latent-variable models, generalized linear models, and advanced topics in linear and nonlinear regression. Statistics and Data Sciences 383D and Statistics and Scientific Computation 383D may not both be counted. Prerequisite: Graduate standing; Economics 392M (Topic 19), Statistics and Data Sciences 384 (or Statistics and Scientific Computation 384), or the equivalent; and 383C (or Statistics and Scientific Computation 383C).

• 56190 MW 300 - 430P BUR 228

SDS 384 BOOTSTRAP STATISTICS

Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics with applications in data analysis and research. Statistics and Data Sciences 384 and Statistics and Scientific Computation 384 may not both be counted unless topics vary. 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. meets with PSY 384C, NEU 384C.

• 56195 TTH 930 - 1100 SEA 2.116 CORMACK, L

3-MATHEMATICAL STATISTICS II

Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics with applications in data analysis and research. Continuation of Computational Science, Engineering, and Mathematics 384R and Mathematics 384C. 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 384S, Mathematics 384D, Statistics and DataSciences 384 (Topic 3), Statistics and Scientific Computation 384 (Topic3). 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; Computational Science, Engineering, and Mathematics 384R, Mathematics 384C, or Statistics and Scientific Computation 384 (Topic 2); and Mathematics 362K and 378K, Statistics and Data Sciences 382 (or Statistics and Scientific Computation 382), or consent of instructor. same as CSE 384S, M 384D.

• 56200 TTH 500 - 630P FAC 101B PARKER, M

6-DESIGN & ANLY OF EXPERIMENTS

Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics with applications in data analysis and research. Design and analysis of experiments, including one-way and two-way layouts; components of variance; factorial experiments; balanced incomplete block designs; crossed and nested classifications; fixed, random, and mixed models; and split plot designs. 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 384U, Mathematics 384E, Statistics and DataSciences 384 (Topic 6), Statistics and Scientific Computation 384 (Topic6). 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 384U, M 384E.

• 56205 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.

• 56210 TTH 200 - 330P FAC 101B LINGHAM, R

11-THEORETICAL STATISTICS

Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Concepts of probability and mathematical statistics with applications in data analysis and research. Examination of asymptotic theory and empirical processes. The former would include minimax theory, Bernstein von Mises theorem, and Bayesian asymptotics. The latter, would include U statistics and robust estimation. Statistics and Data Sciences 384 and Statistics and Scientific Computation 384 may not both be counted unless topics vary. 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: Statistics and Data Sciences 384 (Topic 3) or the equivalent; and advanced probability.

• 56215 MW 1000 - 1130 RLM 5.116

SDS 385 COMPUTATNL BIO & BIOINFRMTCS

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 SDS 348.

• 56220 TTH 930 - 1100 UTC 3.112 WILKE, C
W 1000 - 1100 FAC 101B

9-LONGITUDINAL DATA ANALYSIS

Course number may be repeated for credit when the topics vary. Theories, models, and methods for the analysis of quantitative data. Applications of models to data collected at successive points in time. Includes latent growth curve models, models for nonlinear growth, discrete-time and continuous-time event history models, multilevel models for change, random coefficient models, and applications of models to event-occurrence 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 9) and Statistics and Scientific Computation 385 (Topic 9) 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 SOC 386L.

• 56225 MW 300 - 430P RLP 0.106 POWERS, D

SDS 386D MONTE CARLO MTHDS IN STATS

Stochastic simulation for Bayesian inference, designed to develop an understanding of Markov chair Monte Carlo methods and their underlying theoretical framework. Topics include Markov chains, Monte Carlo integration, Gibbs sampler, Metropolis-Hastings algorithms, slice sampling, and sequential Monte Carlo. Statistics and Data Sciences 386D and Statistics and Scientific Computation 386D may not both be counted. Prerequisite: Graduate standing; and Economics 392M (Topic 19), Statistics and Data Sciences 384 (or Statistics and Scientific Computation 384), or the equivalent.

• 56230 TTH 1100 - 1230P SAC 5.102

SDS 388 CONSULTING SEMINAR

Designed to accommodate 35 or fewer students. 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.

• 56235 W 1200 - 300P GDC 7.514

course unique days time room instructor

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.
• 56240

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.
• 56245

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.
• 56250

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.
• 56255 M 130 - 230P GDC 7.402

SDS 190C BIOMEDICAL BIG DATA SEMINAR
Designed to accommodate 35 or fewer students. 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.
• 56260 W 100 - 200P GDC 7.402

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.
• 56265 TTH 330 - 500P FAC 101B

SDS 394C PARALLEL COMPUT FOR SCI & ENGR
Parallel computing principles, architectures, and technologies. Parallel application development, performance, and scalability. Designed to prepare students to formulate and develop parallel algorithms to implement effective applications for parallel computing systems. Statistics and Data Sciences 394C and Statistics and Scientific Computation 394C may not both be counted. Prerequisite: Graduate standing, a third-semester calculus course or the equivalent, a linear algebra course or a matrices course, and prior programming experience using C or Fortran on Linux or Unix systems. meets with SDS 374C.
• 56270 TTH 1230 - 200P 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.
• 56275

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.
• 56280

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.
• 56285

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.
• 56290

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.
• 56295
• 56300

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.
• 56305

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.
• 56310

10/11/2018

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.

course	days	time	room	instructor
• 56365	T	100 - 400P	NUR 1.118	GARCIA, A
• 56370	TH	100 - 400P	NUR 4.176	MCDONALD, K
• 56375	T	400 - 700P	NUR 1.118	WALKER, L

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.

course	days	time	room	instructor
• 56380	TTH	1130 - 100P	NUR 1.116	HENSLEY, J
• 56385	TTH	230 - 400P	NUR 1.116	HENSLEY, 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.

course	days	time	room	instructor
• 56390	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.

course	days	time	room	instructor
• 56395	MT	1200 - 130P	NUR 5.180	TAXIS, J
• 56400	MW	100 - 230P	NUR 5.178	
• 56405	MW	300 - 430P	NUR 5.178	STERLING, B
• 56410	MW	400 - 530P	NUR 5.180	KWAK, J

N 321H ETHICS OF HEALTH CARE: HONORS

Ethical issues in health care and related legal concerns; contradictions, inconsistencies, and competing views that lead to dilemmas in health care. Emphasis on resolving ethical dilemmas through ethical reasoning and ethical obligations in health professional-patientrelationships; and just allocation of scarce health care resources. Nursing 321 and 321H may not both be counted. Prerequisite: Admission to the School of Nursing Honors Program, or consent of instructor.

course	days	time	room	instructor
• 56415	MW	400 - 530P	NUR 4.154	TODD, A

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: BIO 311C or consent of instructor

course	days	time	room	instructor
• 56420	W	1100 - 100P	NUR 1.112	OSIER, N

N 224 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 registration-for Nursing 320.

course	days	time	room	instructor
• 56425	W	930 - 1030	NUR 4.108	CARTER, S
	W	800 - 930	NUR 1.108	
• 56430	W	930 - 1030	NUR 4.118	LIN, L
	W	800 - 930	NUR 1.108	
• 56435	W	930 - 1030	NUR 4.120	CUEVAS, H
	W	800 - 930	NUR 1.108	
• 56440	W	1030 - 1130	NUR 4.108	HOLLAND, A
	W	800 - 930	NUR 1.108	
• 56445	W	1030 - 1130	NUR 4.118	SWARTS, L
	W	800 - 930	NUR 1.108	
• 56450	W	1030 - 1130	NUR 4.120	CUEVAS, H
	W	800 - 930	NUR 1.108	
• 56455	W	1130 - 1230P	NUR 4.108	HOLLAND, A
	W	800 - 930	NUR 1.108	
• 56460	W	1130 - 1230P	NUR 4.118	SWARTS, L
	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.

course	days	time	room	instructor
• 56465	W	1130 - 100P	NUR 1.108	HAERTEL, L
	F	1000 - 1130	NUR 1.108	

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. Taught in Austin-area hospitals.

course	days	time	room	instructor
• 56470	M	645 - 315P		HERNANDEZ, J
• 56475	M	645 - 315P		NWOKOCHA, E
• 56480	M	645 - 315P		SUMLIN, L
• 56485	T	645 - 315P		HERNANDEZ, J
• 56490	T	645 - 315P		HOLLAND, A
• 56495	T	645 - 315P		NWOKOCHA, E

N 127P 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.

course	days	time	room	instructor
• 56500	TH	1000 - 1200	NUR 4.108	BARR, J

CLINICAL NUR SKILLS I (PRAC)

Additional hour(s) to be arranged. 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.

course	days	time	room	instructor
• 56505	TH	1000 - 1200	NUR 4.118	GOLDSTEIN, L
• 56510	TH	1000 - 1200	NUR 4.120	NWOKOCHA, E
• 56515	TH	1230 - 230P	NUR 4.118	SHERMAN, A
• 56520	TH	1230 - 230P	NUR 4.120	NWOKOCHA, E
• 56525	W	130 - 330P	NUR 4.108	BARR, J
• 56530	W	130 - 330P	NUR 4.118	
• 56535	W	130 - 330P	NUR 4.120	ALBERSON, L

N 137 INDEPENDENT STUDY-NURSING

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.

• 56540

N 237 INDEPENDENT STUDY-NURSING

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.

• 56545

N 337 INDEPENDENT STUDY-NURSING

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.

• 56550

N 147 NUR CAREER PLAN/PROF DEVEL

Course number may be repeated for credit when the topics vary. Prerequisite: Enrollment in the upper-division sequence; some topics also require consent of instructor.

course	days	time	room	instructor
• 56555	TH	1100 - 1200	NUR 1.118	NGUYEN, V

N 347 DISABILTY OVER LIFE COURSE

Course number may be repeated for credit when the topics vary. Prerequisite: Enrollment in the upper-division sequence; some topics also require consent of instructor.

course	days	time	room	instructor
• 56560	W	400 - 700P	NUR 1.118	HARRISON, T

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.

course	days	time	room	instructor
• 56565	F	200 - 500P		
• 56570	F	200 - 500P		ABBYAD, C
• 56575	F	200 - 500P		HAMILTON-SOLUM, P
• 56580	F	200 - 500P		KIEL, L
• 56585	F	200 - 500P		TIMMERMAN, G
• 56590	F	200 - 500P		TIMMERMAN, G
• 56594	F	200 - 500P		MORGAN, S

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.

course	days	time	room	instructor
• 56595	W	400 - 700P	NUR 1.106	GUILLET DE GUTIERR
• 56600	W	400 - 700P	NUR 1.116	MEADOWS, C
• 56605	TH	400 - 700P	NUR 4.176	MEADOWS, C

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.

course	days	time	room	instructor
• 56610	TH	1230 - 230P	NUR 1.112	WRIGHT, M

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.

course	days	time	room	instructor
• 56615	F	1000 - 1200	NUR 1.116	SWARTS, L

course	unique	days	time	room	instructor

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.

• 56620	M	100 - 230P	NUR 5.154	MEINHARDT-SALAZAR
	M	230 - 1000P		

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.

• 56625	M	630 - 200P		BLANK, A
	M	200 - 330P	NUR 4.165	
• 56630	M	630 - 230P		SWARTS, L
	M	200 - 330P	NUR 5.165	
• 56635	T	630 - 200P		BLANK, A
	T	200 - 330P	NUR 4.165	
• 56640	T	230 - 1000P		WILSON, D
	T	100 - 230P	NUR 5.154	
• 56645	T	230 - 1000P		MEINHARDT-SALAZAR
	T	100 - 230P	NUR 5.167	

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.

• 56650	TH	1130 - 230P	NUR 1.118	WALKER, V

N 256P PROB IN MENTAL HLTH NUR (PRAC)

Additional 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.

• 56655	M	630 - 1230P		BANNER, M
• 56660	T	630 - 1230P		
• 56665	M	900 - 300P		WALKER, V
• 56670	T	900 - 300P		WALKER, V
• 56675	M	100 - 700P		BANNER, M
• 56680	T	100 - 700P		

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.

• 56685	F	100 - 300P	NUR 4.108	WILSON, D
• 56690	TH	330 - 530P	NUR 4.118	KIEL, L

CLINICAL NUR SKILLS II PRAC

Additional hour(s) to be arranged. Offered on the pass/fail basis only. Laboratory instruction and practice in clinical nursing skills. Prerequisite: Nursing 325P.

• 56695	F	800 - 1000	NUR 4.108	BLANK, A
• 56700	F	800 - 1000	NUR 4.118	MEINHARDT-SALAZAR
• 56705	F	800 - 1000	NUR 4.120	WILSON, D
• 56710	F	1030 - 1230P	NUR 4.108	BLANK, A
• 56715	F	1030 - 1230P	NUR 4.118	GOLDSTEIN, L
• 56720	F	1030 - 1230P	NUR 4.120	WILSON, D

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.

• 56725	TH	900 - 1100	NUR 1.108	HENNEGHAN, A

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.

• 56730	W	200 - 400P	NUR 1.112	ABBYAD, C

N 365P NUR CARE CHILDBEAR FAMS PRAC

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 January 22-May 7. Clinical hours taught in Austin-area hospitals

• 56735	MT	245 - 1045P		
• 56740	MT	245 - 1045P		HAMILTON-SOLUM, P

NUR CARE CHILDBEAR FAMS PRAC

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 January 22-May 7. Clinical hours taught in Austin-area hospitals.

• 56745	MT	645 - 245P		ANDERSON, M

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 January 22-May 7. Clinical hours taught in Austin-area hospitals.

• 56750	MT	245 - 1045P		HAMILTON-SOLUM, P

NUR CARE CHILDBEAR FAMS PRAC

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 January 28-April 30. Clinical hours taught in Austin-area hospitals.

• 56755	MT	245 - 1045P		
• 56760	MT	245 - 1045P		GASKAMP, C
• 56765	MT	245 - 1045P		TIMMERMAN, G

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 January 28-April 30. Clinical hours taught in Austin-area hospitals.

• 56770	MT	645 - 245P		ANDERSON, M

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 or Psychology 304, Nursing 356, 356P or 256P, Pharmacy 338; and credit or registration in Nursing 355P and 255D or 455.

• 56775	W	100 - 300P	NUR 1.118	TORRES, R

N 366P NUR CARE CHLD/THEIR FAMS PRAC

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.

• 56780	M	1230 - 830P		BARR, J
• 56785	T	1230 - 830P		BARR, J

NUR CARE CHLD/THEIR FAMS PRAC

Laboratory 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.

• 56790	M	630 - 230P		
• 56795	M	630 - 230P		TORRES, R
• 56800	T	1230 - 830P		TORRES, R

NUR CARE CHLD/THEIR FAMS PRAC

In addition to the lecture, students must register for a laboratory/discussion section listed below. 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.

• 56805	T	1230 - 830P		

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 January 23-April 3. meets with N 274.

• 56810	W	100 - 400P	NUR 1.108	
• 56815	W	100 - 400P	NUR 1.108	CARTER, S

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 January 23-April 3.

• 56820	W	900 - 1200	NUR 1.116	JOHNSON, K

N 375P PUBLIC HLTH NURSING PRACTICUM

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 January 22-April 8. Clinical hours taught in Austin-area hospitals.

• 56825	M	800 - 330P		ROCK, J
	TH	900 - 1200	NUR 3.156A	
• 56830	M	800 - 330P		TODD, A
	TH	900 - 1200	NUR 4.176	
• 56835	M	800 - 330P		
	TH	900 - 1200	NUR 5.178	

PUBLIC HLTH NURSING PRACTICUM

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 regis-

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tration for Nursing 275. Class meets January 22-April 9. Clinical hours taught in Austin-area hospitals.

• 56840	T	800 - 330P		GASKAMP, C
	TH	900 - 1200	NUR 3.156A	
• 56845	T	800 - 330P		TODD, A
	TH	900 - 1200	NUR 4.176	
• 56850	T	800 - 330P		
	TH	900 - 1200	NUR 5.178	

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 January 25-April 5. meets with N 377H.

• 56855	F	900 - 1200	NUR 1.108	GOLDSTEIN, L
	F	100 - 400P	NUR 1.108	

N 377H LEADRSHP & MGMT NUR CARE: HON

Examination of selected concepts and theories of management and leadership in the context of the delivery of dynamic nursing care. The use of management concepts in working with a health care team to provide high-quality patient care. Current economic, social, and political factors that influence health care. Nursing 377 and 377H may not both be counted. Prerequisite: Admission to the School of Nursing Honors Program or consent of instructor. Class meets January 25-April 5. meets with N 377.

• 56860	F	900 - 1200	NUR 1.108	GOLDSTEIN, L
	F	100 - 400P	NUR 1.108	

N 277P CLINICAL CARE MANAGEMENT PRAC

Additional hour(s) to be arranged. 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 January 22-April 8. Clinical hours taught in Austin-area hospitals.

• 56865	M	630 - 230P		ALBERSON, L
	M	230 - 330P	NUR 5.154	
• 56870	M	630 - 230P		ROCHE, M
	M	230 - 330P	NUR 5.167	
• 56875	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 January 22-April 9. Clinical hours taught in Austin-area hospitals.

• 56880	T	630 - 230P		ALBERSON, L
	T	230 - 330P	NUR 5.165	

CLINICAL CARE MANAGEMENT PRAC

Additional hour(s) to be arranged. 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 January 22-April 9. Clinical hours taught in Austin-area hospitals.

• 56885	T	630 - 230P		ROCHE, M
	T	230 - 330P	NUR 5.150	
• 56890	T	230 - 1030P		CARTER, S
	T	130 - 230P	NUR 5.150	

N 279P CAPSTONE PRECEPTORSHIP

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 April 10-May 8. Clinical hours taught in Austin-area hospitals and clinics.

• 56895				HAERTEL, L

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 April 10-May 8. Clinical hours taught in Austin-area hospitals and clinics.

• 56900				
• 56905				KIEL, L
• 56910				MERAVIGLIA, M
• 56915				ROCHE, M
• 56920				WALKER, V

N 280D FAM CARE CONC PSY/MNT HLTH NUR

Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. Covers psychiatric-mental health nursing care for families with complex relational problems in various clinical settings. Application of theoretical, ethical, and evidence-based practices to formulate delivery of culturally sensitive care within the community context. Covers commonpractices and treatment protocols, with emphasis on critical thinking skills inherent to the role of the PMHNP. Prerequisite: Graduate standing in the School of Nursing; and Nursing 392E, 392Q, 396C, 396J, or consent of instructor.

• 56925	T	1000 - 1200	NUR 5.170	GUSTAFSON, T

N 280H ADV PSYCH MENTAL HLTH NUR II

Offered on the letter-grade basis only. In-depth focus on the role of the family psychiatric and mental health nurse practitioner using theoretical bases for care of complex psychiatric and mental health patients with psychopathology in a variety of settings across the life span. Students integrate various biological and psychosocial theories with psychopharmacology, health promotion, andethical decision-making to develop culturally sensitive care. Emphasizes evidenced-based practices, recommended practices and treatment protocols, ethical decision making, and critical thinking strategies that are integral to the role of the family psychiatric and mental health nurse practitioner. Prerequisite: Graduate standing in the School of Nursing; and Nursing 380F and 380G, and concurrent enrollment in Nursing 480J, or consent of instructor.

• 56930	T	1000 - 1200	NUR 4.176	ROLIN, D

N 480J ADV PSY/MH NUR II CLIN-FPMHNP

Offered on the letter-grade basis only. Studies the role of the advanced psychiatric and mental health nurse practitioner in providing care for patients and families with complex psychopathology and psychiatric and mental health problems in a variety of clinical settings. Knowledge from biological and psychosocial theories, psychopharmacology, health promotion, and ethics to develop culturally sensitive care. Emphasizes role development, evidenced-based practices, recommended practices and treatment protocols, ethical decision making, and critical thinking strategies. Prerequisite: Graduate standing in the School of Nursing; and Nursing 380F and 380G, and concurrent enrollment in Nursing 380H, or consent of instructor.

• 56935	T	1200 - 100P	NUR 4.176	YANG, Z

ADV PSY/MH NUR II CLIN-FPMHNP

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Studies the role of the advanced psychiatric and mental health nurse practitioner in providing care for patients and families with complex psychopathology and psychiatric and mental health problems in a variety of clinical settings. Knowledge from biological and psychosocial theories, psychopharmacology, health promotion, and ethics to develop culturally sensitive care. Emphasizes role development, evidenced-based practices, recommended practices and treatment protocols, ethical decision making, and critical thinking strategies. Prerequisite: Graduate standing in the School of Nursing; and Nursing 380F and 380G, and concurrent enrollment in Nursing 380H, or consent of instructor. Restricted to Family Psychiatric students and Mental Health Nurse Practitioner students. meets with N 480J.

• 56940	T	1200 - 100P	NUR 4.176	ROLIN, D
• 56945	T	1200 - 100P	NUR 4.176	GUSTAFSON, T

N 480Q PSYCH ASSMT/PSYCHOTHRPY SKILLS

Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Offered on the letter-grade basis only. Introduces psychiatric-mental health assessment of individuals and families throughout the life span, using established therapeutic communication techniques, individual psychotherapeutic modalities, and psychotherapy skills from evidence-based practices. Covers synthesis of theories and knowledge from nursing, biology, psychiatry, psychology, and socio-cultural studies as they apply to the comprehensive assessment of psychiatric clients. Focus on assessment and psychotherapy skills commensurate with the role of the PMHNP through didactic, experiential and observational practice in the classroom. Prerequisite: Graduate standing; Nursing 395C, 396C, 396J, and 196K, or consent of instructor.

• 56950	T	200 - 500P	NUR 4.176	ROLIN, D

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

• 56955	M	900 - 1200	NUR 1.106	ACTON, G

N 382W INFORMATICS HLTH CARE PROF-WB

Hour(s) to be arranged. Offered on the letter-grade basis only. Explores subjects of health informatics that are specifically focused tohealthcare professionals. Representative subjects include: key roles andresponsibilities of health informaticians in American healthcare system; Informatics related theoretical foundations, research needs assessment and available information sources on EBP; Applications of health informatics by healthcare professionals (HCPs) in clinical settings; Implementation and evaluation of health informatics applications in clinical settings; Human-computer interaction (HCI), usability and ethical challenges and issues faced by HCPs; and new trends in health informatics technology to engage patients. Nursing 395 (Topic: Health Informatics) and 382W may not both be counted. Prerequisite: Graduate standing. Taught as a Web-based course.

• 56960				RADHAKRISHNAN, K

N 284T PROFESSIONAL NUR MANAGEMENT

Examines selected concepts and theories of nursing leadership and management in the context of the nursing work environment and professional nursing career development. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F, 387R, 390F; and credit or registration for Nursing 187S, 290G, 290H, 290J, 290Q, and 290R.

• 56965	W	1200 - 200P	NUR 1.118	GOLDSTEIN, L

Draft

course	unique	days	time	room	instructor

N 386F BUDGET & FINANCE IN HLTH CARE

Conceptual and practical applications of financial management, cost analyses, and budgeting in the contemporary health care delivery system. Prerequisite: Graduate standing.

• 56970	TH	100 - 400P	NUR 1.106	YODER, L

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. Partially taught as a Web-based course.

• 56975	M	100 - 400P	NUR 1.106	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 January 23-March 8.

• 56980				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 March 13-May 3.

• 56985	W	900 - 1130	NUR 3.156A	OTTO, M
	F	1030 - 1230P	NUR 3.156A	

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 January 23-March 8.

• 56990				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 March 13-May 3.

• 56995	W	900 - 1130	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 January 23-March 8.

• 57000				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 March 13-May 3.

• 57005	W	900 - 1130	NUR 5.167	MURPHY, L
	F	1030 - 1230P	NUR 5.167	

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 January 23-March 8.

• 57010				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 March 13-May 3.

• 57015	W	900 - 1130	NUR 5.174	HORTON, S
	F	1030 - 1230P	NUR 5.174	

N 187S INTEG OF NURSING KNOWLEDGE

Integration of nursing knowledge derived from didactic and clinical courses, with application in case studies and simulated patients across the life span and in a variety of settings. Nursing 484S and 187S may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 387R, 390F; and credit or registration for Nursing 290R.

• 57020	F	800 - 1000	NUR 1.116	LIN, L

N 389D ADULT-GRN: HLTH PROM/ILL PREVN

Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Analysis of physiological, psychosocial, and environmental concepts and testing of assessments and interventions for select adult-gerontology (AG) populations across the life spectrum (young adults through older adults). Prerequisite: Graduate standing, and credit or registration for Nursing 389C, 392E, and 396J.

• 57025	M	900 - 1130	NUR 5.174	TIMMERMAN, G
• 57030	M	900 - 1130	NUR 5.178	CUEVAS, H

N 489F ADULT-GERON CNS: ACUTE CARE

Offered on the letter-grade basis only. Analysis of physiological, psychosocial, and environmental concepts and testing of assessments and interventions in select adult-gerontology populations experiencing acute illness. Focus on dynamics of acute illness and related Adult-Gerontology Clinical Nurse specialist (AG-CNS)roles. Prerequisite: Graduate standing; and either consent of instructor or thefollowing coursework: Nursing 389C, 396C, and 396J and credit or registration for Nursing 389D, 392E, and 395C.

• 57035	TH	1200 - 200P	NUR 5.167	DELVILLE, C
	T	830 - 430P		
• 57040	TH	1200 - 200P	NUR 5.174	DELVILLE, C
	T	830 - 430P		

N 489H DIAG/MGMT ADULT GRN HLTH PROBS

Additional hour(s) to be arranged. Theoretical and clinical content for management of health problems of adult patients across the life spectrum (young adults through older adults). Integration and application of skills and knowledge gained in previous adult-gerontology clinical nurse specialist coursework for adult patients in the acute or chronic setting. Pattern recognition, critical thinking, analysis, diagnostic testing, differential diagnosis, and medical management of common adult, older-adult health problems. Prerequisite: Graduate standing; Nursing 389C, 389D, 589E, 489F, 396C, and 396J; credit or registration for Nursing 689G; credit or registration for Nursing 395C or the equivalent; completion of all core courses in the adult health concentration; and consent of instructor.

• 57045	M	900 - 1200	NUR 5.170	INNERARITY, S
• 57050	M	900 - 1200	NUR 5.174	JOINER-ROGERS, G

N 389N ADULT GERONTLGY CNS PRAC II

Additional 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, such as expert coaching, collaboration, consultation, research, leadership, and ethical decision-making in the 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. Prepares students for certification and credentialing as an AG-CNS. Prerequisite: Nursing 386Q, 589E, 389M, concurrent enrollment in 389P, or consent of instructor.

• 57055	M	100 - 300P	NUR 5.174	SUMLIN, L
• 57060	M	100 - 300P	NUR 5.176	DELVILLE, C

N 290G 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 January 24-March 7. Clinical hours taught in Austin-area hospitals.

• 57065				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 March 25-May 6.

• 57070	MTH	630 - 230P		

PSYCH-MENTAL HEALTH NUR PRACT

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 March 25-May 6. Clinical hours taught in Austin-area hospitals.

• 57075	MTH	630 - 230P		OTTO, M

N 290H CHILD HEALTH NURSING PRACTICUM

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 January 22-March 7.

• 57080				CHRISTIANSEN, B

ACM 1/2018

CHILD HEALTH NURSING PRACTICUM
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 March 12-May 2. Clinical hours taught in Austin-area hospitals and clinics.
• 57085 T 630 - 230P CHRISTIANSEN, B
TH 800 - 500P
• 57090 T 630 - 230P STERLING, 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 January 24-March 7.
• 57095 MURPHY, L

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 January 24-March 7. Clinical hours taught in Austin-area hospitals and clinics.
• 57100

MATERNITY NURSING PRACTICUM
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 March 25-May 6. Clinical hours taught in Austin-area hospitals and clinics.
• 57105 M 645 - 245P MURPHY, L
TH 800 - 500P

N 390N TCHNG/LRNG IN ACAD SETTINGS
Offered on the letter-grade basis only. Designed for the essentials of course, curriculum and program design, including assessment, evaluation, and ethical/legal standards of nursingeducation. Explore learning theory and evidence-based pedagogy, personal and professional values with regard to the art and science of nursing education and life-long learning. Prerequisite: Graduate standing; Nursing 390L or consent of the instructor. Partially taught as a Web-based course. Class meets January 25-May 3.
• 57110 TH 100 - 400P NUR 5.178 TAXIS, J

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 January 22-March 7.
• 57115 GUILLET DE GUTIERR

PUBLIC HEALTH NUR PRACTICUM
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 January 22-March 7. Clinical hours taught in Austin-area hospitals.
• 57120 HORTON, S

PUBLIC HEALTH NUR PRACTICUM
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 March 12-May 2. Clinical hours taught in Austin-area hospitals.
• 57125 T 800 - 500P GUILLET DE GUTIERR
TH 800 - 300P

N 290R ADULT HEALTH NUR II PRACTICUM
Application of advanced concepts, theories, processes, and skills essential for promoting and restoring the health of adults with selectedcomplex physiological alterations and responses. Nursing 484R and 290R may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F, 390F; and credit or registration for 284T, 387R, 187S. Clinical hours taught in Austin-area hospitals
• 57130 M 645 - 245P KIEL, L

ADULT HEALTH NUR II PRACTICUM
Application of advanced concepts, theories, processes, and skills essential for promoting and restoring the health of adults with selectedcomplex physiological alterations and responses. Nursing 484R and 290R may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; Nursing 284C, 284N, 284P, 387F, 390F; and credit or registration for 284T, 387R, 187S. Clinical hours taught in Austin-area hospitals.
• 57135 M 645 - 245P HERRERA, A
• 57140 M 645 - 245P LIN, L
• 57145 T 645 - 245P HENDRICKSON, S
• 57150 T 645 - 245P HERRERA, A
• 57155 T 645 - 245P LIN, L

N 290S INTEGRATION OF NUR KNOWL PRACT
Offered on the credit/no credit basis only. Designed to assist the student in the application and integration of knowledge from didactic and clinical courses in the care of multiple patients. Nursing 484S and 290S may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284T, 187S, 390F, 290G, 290H, 290J, 290Q, 290R. Class meets May 9-31. Clinical hours taught in Austin-area hospitals.
• 57160 HERRERA, A

INTEGRATION OF NUR KNOWL PRACT
Hour(s) to be arranged. Offered on the credit/no credit basis only. Designed to assist the student in the application and integration of knowledge from didactic and clinical courses in the care of multiple patients. Nursing 484S and 290S may not both be counted. Prerequisite: Graduate standing; admission to the alternate entry MSN program; and Nursing 284T, 187S, 390F, 290G, 290H, 290J, 290Q, 290R. Class meets May 9-31. Clinical hours taught in Austin-area hospitals.
• 57165 ALBERSON, L
• 57170 HENDRICKSON, S
• 57175 KIEL, L
• 57180 SUMPTER, D

N 392P HLTH POLICY/PROG PLANNING/EVAL
Exploration of multilevel health care policy implementation, program development, and outcome evaluation. Focus on the application of policies from macro-level to micro-level systems. Open to all University graduate students. Prerequisite: Graduate standing; and Nursing 392E or the equivalent, or consent of instructor.
• 57185 T 100 - 400P NUR 1.106 ACTON, G

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 agreed upon by student and instructor. Prerequisite: Graduate standing and consent of instructor.
• 57190

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.
• 57195

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.
• 57200

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.
• 57205

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.
• 57210

N 494 INDEPENDENT STUDY
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.
• 57215

N 394E PED PRIM HC CNCPTS I-PNP
Offered on the letter-grade basis only. Study of health promotion, anticipatory guidance, prevention of illness,and the assessment and management of acute illnesses commonly affecting children. Concepts related to advanced role development of nurse practitioners. Prerequisite: For students in the pediatric nurse practitioner concentration, graduate standing and concurrent enrollment in Nursing 394F and 395D; for others, graduate standing, Nursing 394C and 392V, concurrent enrollment in Nursing 394F, and consent of instructor. Topic title: Pediatric primary health care concepts I. Restricted to Pediatric Nurse Practitioner students.
• 57220 TH 900 - 1200 NUR 5.176 KEY, S

N 394F PED PRIM HLTH CARE CONC I CLIN
Offered on the letter-grade basis only. Clinical experience in primary care settings, focusing on health promotion and management of well-child care and acute illnesses commonlyencountered in children. Prerequisite: Graduate standing; admission to the pediatric nurse practitioner specialization; Nursing 394C, concurrent enrollment in Nursing 394E and 395D; and consent of instructor.
• 57225 TH 1200 - 100P KEY, S

course unique days time room instructor

PED PRIM HLTH CARE CONC I CLIN
Hour(s) to be arranged. Offered on the letter-grade basis only. Clinical experience in primary care settings, focusing on health promotion and management of well-child care and acute illnesses commonlyencountered in children. Prerequisite: Graduate standing; admission to the pediatric nurse practitioner specialization; Nursing 394C, concurrent enrollment in Nursing 394E and 395D; and consent of instructor.
• 57230 EDGAR, C

N 294J PED PRIM HC CONCEPTS III-PNP
Offered on the letter-grade basis only. Primary care management of complex conditions in children. Additional emphasis on advanced role development of the pediatric nurse practitioner. Prerequisite: Graduate standing, admission to the pediatric nurse practitioner specialization, Nursing 394E and 394F, concurrent enrollment in Nursing 494K, and consent of instructor. Restricted to Pediatric Nurse Practitioner students.
• 57235 T 900 - 1100 NUR 5.134 EDGAR, C

N 494K PED PRI HC CNCPTS III CLIN-PNP
Offered on the letter-grade basis only. Pediatric primary health care practicum in the advanced nursing management of the health of infants, children, and adolescents. Prerequisite: Graduate standing, admission to the pediatric nurse practitioner specialization, Nursing 396U and 396V, concurrent enrollment in Nursing 294J, and consent of instructor. meets with N 494K.
• 57240 T 1100 - 100P NUR 5.134 EDGAR, C

PED PRI HC CNCPTS III CLIN-PNP
Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Pediatric primary health care practicum in the advanced nursing management of the health of infants, children, and adolescents. Prerequisite: Graduate standing, admission to the pediatric nurse practitioner specialization, Nursing 396U and 396V, concurrent enrollment in Nursing 294J, and consent of instructor. Topic title: Pediatric primary health care concepts III clinic. Restricted to Pediatric Nurse Practitioner students. meets with N 494K.
• 57245 T 1100 - 100P NUR 5.134 KEY, S

N 195 DEVELOPMENTAL WRITING
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.
• 57250

INTRO MEDIC SPANISH FOR CLINIC
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.
• 57255

PATIENT CARE PRACTICUM
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.
• 57260 TH 1000 - 1200 NUR 5.167 ZUNIGA, J
• 57265 TH 1000 - 1200 NUR 5.170 RADHAKRISHNAN, K
• 57270 TH 1000 - 1200 NUR 5.174

PATIENT CARE PRACTICUM
Laboratory 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.
• 57275 TH 1000 - 1200 NUR 5.165 HERNANDEZ, J

N 295 PROF PRACTICE OF THE FNP
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.
• 57280 T 100 - 300P NUR 5.178 DIVIN, C

N 395 DNP CLIN LDSP SMNR/PRAC I
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. Restricted to students in the Doctor of Nursing Practice program.
• 57285 CHAMPION, J

DNP CLIN LDSP SMNR/PRAC IV
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. Restricted to students in the Doctor of Nursing Practice program.
• 57290

ESSNTLS OF HLTHCR PLCY MKNG
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.
• 57295 ACTON, G

THEORIES OF NURSING SCI & HLTH
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.
• 57300 TH 900 - 1200 NUR 4.150 REW, D

N 495 DNP CLIN LDSP SMNR/PRAC I
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. Restricted to students in the Doctor of Nursing Practice program.
• 57305 CHAMPION, J

DNP CLIN LDSP SMNR/PRAC IV
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. Restricted to students in the Doctor of Nursing Practice program.
• 57310

N 595 DNP CLIN LDSP SMNR/PRAC I
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. Restricted to students in the Doctor of Nursing Practice program.
• 57315 CHAMPION, J

DNP CLIN LDSP SMNR/PRAC IV
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. Restricted to students in the Doctor of Nursing Practice program.
• 57320

N 395C CLIN PHARMACOL & THERAPEUTICS
Application of pharmacologic and pharmacokinetic principles to drug therapy management in family primary care nursing. Prerequisite: Graduate standing.
• 57325 TH 400 - 700P NUR 1.108 KARBOSKI, J

N 395D PED CLIN PHARMACOL & THERAPEUT
The study of pediatric pharmacotherapeutics, with emphasis on pharmacokinetics, pharmacodynamics, administration, and education. Prerequisite: Graduate standing and consent of instructor.
• 57330 TH 130 - 430P NUR 5.167 EDGAR, C

N 395H HEALTH PROMO DIVERSE CULTURES
Offered on the letter-grade basis only. Analyzes the impact of social, cultural, and ecological factors of healthcare delivery on various population groups. Emphasizes the application of sociocultural diversity as well as theories and methods for analyzing healthcare phenomena within the context of advanced practice nursing roles. In the context of an ethical and legal framework, the social issues common among vulnerable populations will also be examined. Prerequisite: Nursing 395E, 395F, and 395G. Restricted to students in the Doctor of Nursing Practice program.
• 57335

N 395P HEALTH CARE ECONOMICS
Offered on the letter-grade basis only. Explores basic economic theory, market drivers and restraints, health care budget, financial management and reimbursement, cost/benefit analysis, and healthcare entrepreneurialism. Includes theory and application, with a particular focus on the clinical role of the Doctor of Nursing Practice within the contemporary healthcare environment. Prerequisite: Graduate standing; Nursing 395E, 395F, and 395G. Restricted to students in the Doctor of Nursing Practice program.
• 57340

N 295R PRO ROLE OF THE FNP
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. May be repeated for credit. Explores concepts and theory from nursing, social, and biological sciences related to primary care management of complex health/illness conditions in adults and children as members of families. Emphasis is on community/social issues influencing individual and family health, complex individual, family and/or community interventions, advanced roledevelopment and legal, political, ethical issues affecting nurse practitioner practice. Prerequisite: Concurrent enrollment in Nursing 396Q and 196R, 296R, 396R, 496R; or consent of instructor.
• 57344 T 100 - 300P NUR 5.134 DIVIN, C

N 396J ADVANCED HEALTH ASSESSMENT
Additional 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.
• 57345 M 200 - 400P NUR 4.108 CUEVAS, H
M 1200 - 200P NUR 1.108
• 57350 M 200 - 400P NUR 4.118 CHRISTIANSEN, B
M 1200 - 200P NUR 1.108
• 57355 M 200 - 400P NUR 4.120 LOIKA, E
M 1200 - 200P NUR 1.108

N 396L PRIM HC CNCPTS I-FNP/FPMHNP
Offered on the letter-grade basis only. Theoretical and clinical knowledge needed for advanced nursing management within the context of the family and the community of individuals who are essentially well or who have minor health problems. Prerequisite: Graduate standing; admission to the family nurse practitioner or the pediatric nurse practitioner specialization; Nursing396J and 296K; concurrent enrollment in Nursing 196M, 296M, or 396M; and consent of instructor. Topic title: Primary health care concepts I. Partially taught as a Web-based course. Restricted to Family Nurse Practitioner and Family Psychiatric and Mental Health Nurse Practitioner students.
• 57360 TH 900 - 1200 NUR 5.167 YOUNG, C

N 396M PRIM HC CONCEPTS I CLINIC-FNP
Hour(s) to be arranged. Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Supervised experience in the nursing management of infants, children, and/or advanced adults and families who are well or who have common acute health problems. Prerequisite: Graduate standing; admission to the family nurse practitioner or the pediatric nurse practitioner specialization; Nursing396C, 396J, and 296K; concurrent enrollment in Nursing 396L; and consent of instructor. Partially taught as a Web-based course. Restricted to Family Nurse Practitioner students.
• 57365 YOUNG, C

ARCHIVED 2018

course unique days time room instructor

PRIM HC CONCEPTS I CLINIC-FNP
Hour(s) to be arranged. Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Supervised experience in the nursing management of infants, children, and/or advanced adults and families who are well or who have common acute health problems. Prerequisite: Graduate standing; admission to the family nurse practitioner or the pediatric nurse practitioner specialization; Nursing396C, 396J, and 296K; concurrent enrollment in Nursing 396L; and consent of instructor. Restricted to Family Nurse Practitioner students. Partially taught as a Web-based course.
• 57370 DIVIN, C

N 396Q PRIM HLTH CARE CNCPTS III-FNP
Offered on the letter-grade basis only. Offers the FNP student the theoretical and clinical content for management of complex health problems throughout the lifespan. Focus is on the integration and application of skills and knowledge gained in prior FNP coursework for pediatric, adult, and aging clients in primary health care settings. Use pattern recognition, critical thinking, analysis, diagnostic testing, differential diagnosis and medical management of complex health problems throughout the lifespan. Prerequisite: Concurrent enrollment in Nursing 295R and 196R, 296R, 396R, 496R; or consent of instructor. Topic title: Primary health care concepts III. Restricted to Family Nurse Practitioner students.
• 57375 T 900 - 1200 NUR 5.174 DIVIN, C

N 496R PRIM HC CONCEPTS III CLIN-FNP
Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. Advanced supervised experience as a direct primary health care giver in family practice clinical settings. Prerequisite: Graduate standing; admission to the family nurse practitioner or the pediatric nurse practitioner specialization; Nursing391E; either Nursing 396N and 396P or 396U and 396V; concurrent enrollment in Nursing 295R and 396Q; and consent of instructor. Restricted to Family Nurse Practitioner students.
• 57380 T 300 - 400P NUR 5.174 CHAMPION, J
• 57385 T 300 - 400P NUR 5.176 CHAMPION, J

N 396T ECOLOG APPROACH TO CHILD HLTH
Offered on the letter-grade basis only. The ecological approach to understanding individual, parental, family, and societal determinants of children's health. Students gain knowledge of developmental and family theories and use epidemiological principles to comprehend the complex dimensions and related conceptual factors thatcontribute to the health and well-being of children within families. Theoretical foundations for graduate students interested in health promotion and risk reduction for children and families. Prerequisite: Graduate standing.
• 57390 F 900 - 1200 NUR 4.176

N 197D DOCTORAL SEMINAR II
Offered on the credit/no credit basis only. Prerequisite: Graduate standing, and Nursing 197C or consent of instructor. Class meets January 31-May 9.
• 57395 TH 300 - 500P NUR 5.154 JOHNSON, K

N 397L 5-QUANT DESIGN, METHS, & ANLY
Laboratory hour(s) to be arranged. Course number may be repeated for credit when the topics vary. The quantitative research design, methods, and analyses used in health care research. Includes descriptive, correlational, and experimental designs; related methods of analyses using statistical software; and interpretation of data. Prerequisite: Graduate standing, Nursing 397K, and consent of instructor. Additional prerequisite: Nursing 397L (Topic 3) or consent of instructor.
• 57400 F 100 - 230P NUR 4.176 WALKER, L
F 230 - 400P NUR 5.102G

N 397Q RESEARCH PRACTICUM I
Laboratory hour(s) to be arranged. Examines essential aspects of the responsible conduct of research and beginning skills needed to initiate a research program. Students focus on conceptual, methodological, and practical aspects of research within an ongoing faculty research project. Prerequisite: Graduate standing; and Nursing 397L (Topic 3: Conceptual Foundations of Research Design and Methods), or credit or registration for Nursing 397L (Topic 5: Quantitative Design, Methods, and Analysis), or consent of instructor.
• 57405 TH 100 - 230P NUR 5.154 KIM, M

N 397S RESEARCH PRACTICUM III
Additional hour(s) to be arranged. Focuses on essential skills needed to develop a research proposal and plan an independent research program. Students focus on conceptual, methodological, and practical aspects of research within an ongoing faculty research project. Prerequisite: Graduate standing, and Nursing 397M and 397R. Class meets January 31-May 9.
• 57410 W 1100 - 100P 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.
• 57415

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.
• 57420

N 399R 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.
• 57425

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.
• 57430

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.
• 57435

N 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Nursing 399R, 699R, or 999R.
• 57440

N 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Nursing 399R, 699R, or 999R.
• 57445

10/1/2018

COLLEGE OF PHARMACY

Pharmacy Graduate Studies - PGS
Pharmacy PharmD - PHM

PGS 380G BIOMEDICAL PHARMACOLOGY II
Offered on the letter-grade basis only. Fundamental concepts of pharmacology, including molecular mechanisms of drug action, absorption, distribution and elimination, tolerance, dependence, mutagenesis, teratogenesis, and carcinogenesis. Pharmacy 380N, 480N, and Pharmacy Graduate Studies 380G may not both be counted. Prerequisite: Graduate standing; and Pharmacy 480F (or 380F), Pharmacy Graduate Studies 380F, or consent of instructor.
• 57500 MW 200 - 330P PHR 4.114 MILLS, E

PGS 180J ADV PHARMACEUTICS: LAB RSCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 57505

PGS 280J ADV PHARMACEUTICS: LAB RSCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 57510

PGS 380J ADV PHARMACEUTICS: LAB RSCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 57515

PGS 380M ANLYTCL MTHDS IN BIOLGC FORMU
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.
• 57520 M 900 - 1200 PHR 3.114B GHOSH, D

ENTREPRENEURSHP/HLTH INNOV
Additional hour(s) to be arranged. 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, PHM 382R.
• 57525 W 300 - 530P EER 1.528 WALKOW, J

PGS 380T TX VENTURE LABS STARTUP PRACT
Places students in teams and connects them with Austin-area startup companies. The teams then execute business consulting projects for the startup companies. Explores how these projects help companies better understand their market, competition, business model, etc, in order to accelerate their path to market and funding decisions. Only one of the following may be counted: Aerospace Engineering 396 (Topic: Texas Venture Labs Practicum), Electrical Engineering 390V (Topic: Texas Venture Labs Practicum), Engineering Mechanics 397 (Topic: Texas Venture Labs Practicum), Management 385 (Topic: Texas Venture Labs Practicum), Mechanical Engineering 397 (Topic: Texas Venture Labs Practicum), Pharmacy Graduate Studies 380M (Topic: Texas Venture Labs Startup Practicum). Prerequisite: Graduate standing.
• 57530 M 600 - 900P ATT M2029 ADAMS, R

PGS 181J ADV PHARMACY ADMIN: LAB RSCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 57535

PGS 281J ADV PHARMACY ADMIN: LAB RSCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 57540

PGS 381J ADV PHARMACY ADMIN: LAB RSCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 57545

PGS 381N HEALTH CARE SYSTEMS
Overview of the health care system in the United States and examination of the classic and contemporary literature on managed health care systems, with emphasis on pharmacy-related issues. Studies the advantages, disadvantages, and effects of these systems on patients, providers, and payers. Pharmacy 381N and Pharmacy Graduate Studies 381N may not both be counted. Prerequisite: Graduate standing.
• 57550 TTH 930 - 1100 PHR 3.114B LAWSON, K

PGS 282K ADV PHARMACOTHERAPY SMN II-S A
Discussion of advanced pharmacotherapeutics topics, case presentations, and journal clubs at the advanced practitioner level. Pharmacy 282JB and Pharmacy Graduate Studies 282K may not both be counted. Prerequisite: Graduate standing and consent of instructor. Taught in San Antonio, Texas.
• 57555 F 100 - 300P RYAN, L

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. meets with NEU 383D.
• 57560 TTH 200 - 330P PHR 2.214 GONZALES, R

PGS 383Q STATS IN TRANSLATIONAL SCI-S A
Hour(s) to be arranged. Offered on the letter-grade basis only. Pharmaceutical statistical analysis with a focus on choosing the appropriate statistical test to address both basic science and clinical research hypotheses. Students use the JMP software package to execute statistical analysis on their own pharmaceutical research projects. Pharmacy 383Q and Pharmacy Graduate Studies 383Q may not both be counted. Prerequisite: Graduate standing in the College of Pharmacy or Translational Science Graduate Program; and an introductory statistics course or consent of instructor. Partially taught as a Web-based course. Interactive broadcast format taught at UT Health Science Center in San Antonio, Texas.
• 57565 REVELES, K

STATS IN TRANSLATIONAL SCIENCE
Hour(s) to be arranged. Offered on the letter-grade basis only. Pharmaceutical statistical analysis with a focus on choosing the appropriate statistical test to address both basic science and clinical research hypotheses. Students use the JMP software package to execute statistical analysis on their own pharmaceutical research projects. Pharmacy 383Q and Pharmacy Graduate Studies 383Q may not both be counted. Prerequisite: Graduate standing in the College of Pharmacy or Translational Science Graduate Program; and an introductory statistics course or consent of instructor. Partially taught as a Web-based course.
• 57570 REVELES, K

PGS 384L BIOCHEM AND MOLEC TOXICOLOGY
Offered on the letter-grade basis only. Discussion of mechanisms of selected drugs and toxicants. Pharmacy 390N and Pharmacy Graduate Studies 384L may not both be counted. Prerequisite: Graduate standing, and some background in pharmacology or consent of instructor.
• 57575 TTH 930 - 1100 BME 3.510A VASQUEZ, K

PGS 185G GRANT WRITING FOR PHARM/TOX
Offered on the credit/no credit basis only. Subjects include federal and nonfederal grants, specific aims, preliminary data, hypothesis testing, experimental design, peer review, responding to critiques, biosketch, and budgeting. Prerequisite: Graduate standing in the pharmacology and toxicology program or consent of instructor.
• 57580 W 100 - 200P PHR 4.114 GONZALES, R

PGS 185J ADV PHARMACOTHER LAB RSCH-S A
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. Taught in San Antonio, Texas.
• 57585

PGS 285J ADV PHARMACOTHER LAB RSCH-S A
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
• 57590

PGS 385J ADV PHARMACOTHER LAB RSCH-S A
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor. Taught in San Antonio, Texas.
• 57595

PGS 186J ADV MEDICINAL CHEM: LAB RSCH
Hour(s) to be arranged. Laboratory 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.
• 57600

PGS 286J ADV MEDICINAL CHEM: LAB RSCH
Hour(s) to be arranged. Laboratory 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.
• 57605

PGS 386J ADV MEDICINAL CHEM: LAB RSCH
Hour(s) to be arranged. Laboratory 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.
• 57610

PGS 186N TRANSLATIONAL SCI PHD SEMINAR
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Current issues in translational science. Pharmacy 186N 286N, 386N, 486N and Pharmacy Graduate Studies 186N, 286N, 386N, 486N may not both be counted unless the topics vary. Prerequisite: Graduate standing and admission to the Doctor of Philosophy in Translational Science degree program; additional prerequisites vary with the topic.
• 57615 FREI, C

TRANSLTNL SCI PHD SEMINAR-SA
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Current issues in translational science. Pharmacy 186N 286N, 386N, 486N and Pharmacy Graduate Studies 186N, 286N, 386N, 486N may not both be counted unless the topics vary. Prerequisite: Graduate standing and admission to the Doctor of Philosophy in Translational Science degree program; additional prerequisites vary with the topic.
• 57620 FREI, C

10/11/2016

course	unique	days	time	room	instructor

PGS 388C INTRO BIOORGANIC CHEMISTRY
Survey of enzyme-catalyzed reactions, with emphasis on mechanism, experimental design, and applications in natural products biosynthesis. Pharmacy 388C and Pharmacy Graduate Studies 388C may not both be counted. Prerequisite: Graduate standing, and undergraduate courses in organic chemistry and biochemistry or consent of instructor.
- 57625 TTH 930 - 1100 PHR 5.214 WHITMAN, C

PGS 188J ADV PHARMACOLOGY: LAB RESEARCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
- 57630

PGS 288J ADV PHARMACOLOGY: LAB RESEARCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
- 57635

PGS 388J ADV PHARMACOLOGY: LAB RESEARCH
Hour(s) to be arranged. Laboratory hour(s) to be arranged. May be repeated for credit. Prerequisite: Graduate standing and consent of instructor.
- 57640

PGS 388K MOLEC MECH/METHS NUTR & CANCER
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 NTR 390.
- 57645 TH 200 - 500P PHR 4.114 DIGIOVANNI, J

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.
- 57650 F 300 - 430P PHR 3.110

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.
- 57655 CROYLE, M
- 57660 CUI, Z
- 57665 GHOSH, D
- 57670 SMYTH, H
- 57675 WILLIAMS, R
- 57680 ZHANG, F

PGS 190R SPEC PROBS PHARMACOTHERAPY-S A
Hour(s) to be arranged. Laboratory 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.
- 57685

PGS 290R SPEC PROBS PHARMACOTHERAPY-S A
Hour(s) to be arranged. Laboratory 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.
- 57690

PGS 390R SPEC PROBS PHARMACOTHERAPY-S A
Hour(s) to be arranged. Laboratory 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.
- 57695

PGS 390U ADV RSRCH METHODS IN HLTH CARE
Advanced methodologies used in pharmacy administration research; designed to build upon the skills covered in Pharmacy 390K. Explores data management issues and statistical procedures, with emphasis on the application of research methodology concepts and principles. Pharmacy 390U and Pharmacy Graduate Studies 390U may not both be counted. Prerequisite: Graduate standing and Pharmacy Graduate Studies 390K (or Pharmacy 390K).
- 57700 MW 100 - 230P PHR 2.214 BARNER, 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.
- 57705 BARNER, J
- 57710 BROWN, C
- 57715 FORD, K
- 57720 GUMS, T
- 57725 LAWSON, K
- 57730 MOCZYGEMBA, L
- 57735 RASCATI, K
- 57740 WILSON, J

PGS 292F CLINICAL RESEARCH METHS II-S A
Hour(s) to be arranged. Prospective observational studies; randomized controlled trials, nonrandomized intervention studies; meta-analysis; and data synthesis, evaluation, and application. Pharmacy 292F and Pharmacy Graduate Studies 292F may not both be counted. Prerequisite: Graduate standing; and Pharmacy Graduate Studies 292E (or Pharmacy 292E) or consent of instructor. Taught in San Antonio, Texas.
- 57745 SAKLAD, S

PGS 192Q INTRDSCPLNRY COLLAB CAREER DEV
Designed to accommodate 35 or fewer students. Offered on the letter-grade basis only. An overview of pharmacy and its primary disciplines of pharmaceutics, medicinal chemistry, pharmacy administration and practice, pharmacotherapy, and pharmacology/toxicology. Only one of the following may be counted: Pharmacy 191Q, Pharmacy Graduate Studies 191Q, 192Q. Prerequisite: Graduate standing.
- 57750 M 1200 - 100P PHR 4.114 RICHBURG, J

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.
- 57755

PGS 393T PHARMACOECONOMICS
Offered on the letter-grade basis only. Terms, concepts, procedures, methods, problems, and strengths associatedwith pharmacoeconomics. Only one of the following may be counted: Pharmacy 393T, 394F, Pharmacy Graduate Studies 393T, Pharmacy PharmD 394F. Prerequisite: Graduate standing and consent of instructor. meets with PHM 394F.
- 57760 TTH 1100 - 1230P PHR 2.108 RASCATI, K

PGS 193U PHRMCOTHR MASTER'S MNTRSHP-S A
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. Taught in San Antonio, Texas.
- 57765

PGS 293U PHRMCOTHR MASTER'S MNTRSHP-S A
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. Taught in San Antonio, Texas.
- 57770

PGS 393U PHRMCOTHR MASTER'S MNTRSHP-S A
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.
- 57775

PGS 693U PHRMCOTHR MASTER'S MNTRSHP-S A
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.
- 57780

PGS 993U 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.
- 57785

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.
- 57790 FREI, C
- 57795 KOELLER, J
- 57800 LEE, G

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.
- 57805 REVELES, K

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.
- 57810 DALBY, K
- 57815 FAST, W
- 57820 LEE, S
- 57825 LIU, H
- 57830 WHITMAN, C

PGS 196S 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.
- 57835 M 900 - 1000 PHR 4.114 MOCZYGEMBA, L
- 57840 TH 1230 - 200P PHR 4.114 WHITMAN, C
- 57845 T 100 - 200P PHR 4.114 DUVAUCHELLE, C

course	unique	days	time	room	instructor

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. Partially taught as a Web-based course.

• 57850	T	1100 - 1200	PHR 4.114	SMYTH, H

SEMINAR IN PHARMACY-S A
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.

• 57855	F	300 - 400P		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.

• 57860	TH	1100 - 1230P	PHR 4.114	KIDANE-MULAT, D

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.

• 57865					DIGIOVANNI, J
• 57870					DUVAUCHELLE, C
• 57875					FONKEN, L
• 57880					GONZALES, R
• 57885					GORE, A
• 57890					KIDANE-MULAT, D
• 57895					MILLS, E
• 57900					MUKHOPADHYAY, S
• 57905					RICHBURG, J
• 57910					VANDENBERG, C
• 57915					VASQUEZ, K
• 57919					NIXON, 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).
• 57920

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).
• 57925

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.
• 57930

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.
• 57935

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.
• 57940

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.
• 57945

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.
• 57950

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).
• 57955

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).
• 57960

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).
• 57965

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).
• 57970

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).
• 57975

PHM 338 INTRODUCTION TO PHARMACOLOGY
Survey of basic concepts and principles in pharmacology. Pharmacy 338 and Pharmacy PharmD 338 may not both be counted. Restricted to non-pharmacy majors. Prerequisite: Credit or registration for Biology 365S, 446L, Biomedical Engineering 365R, 365S, or Kinesiology 324K.

• 58030	WTH	900 - 1030	NUR 1.112	KARBOSKI, J

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.
• 58035

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.
• 58040

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.
• 58045

PHM 480D NRML PHYSIO/PATHOPHYSIOLGY II
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 blood/immune system, renal, pulmonary, endocrine, and metabolic systems.Also includes multisystemic diseases related to infectious disease and cancer. Prerequisite: Pharmacy PharmD 480C.

• 58050	TTH	900 - 1100	PHR 2.110	VANDENBERG, C

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.
• 58055

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.
• 58060

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.
• 58065

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.
• 58070
• 58075

10/11/2018

course unique days time room instructor

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.
• 58080

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.
• 58085

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.
• 58090

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.
• 58095

PHM 380T GLOBAL HEALTH
Offered on the letter-grade basis only. An exploration of health care issues outside the United States with an inside look at different cultures and healthcare systems to enhance global awareness and cultural competence in the practice of pharmacy. Restricted to students in the College of Pharmacy.
• 58100 TH 300 - 600P PHR 3.114B BREWSTER, J

GLOBAL HEALTH-SA
Offered on the letter-grade basis only. An exploration of health care issues outside the United States with an inside look at different cultures and healthcare systems to enhance global awareness and cultural competence in the practice of pharmacy. Restricted to students in the College of Pharmacy.
• 58105 TH 300 - 600P BREWSTER, J

GLOBAL HEALTH-VAL
Offered on the letter-grade basis only. An exploration of health care issues outside the United States with an inside look at different cultures and healthcare systems to enhance global awareness and cultural competence in the practice of pharmacy. Restricted to students in the College of Pharmacy.
• 58110 TH 300 - 600P BREWSTER, J

PHM 281L PERSONNL MGMT/PATIENT BEHAV
Offered on the letter-grade basis only. Concepts and principles of management, and social and behavioral aspectsof pharmacy practice. Pharmacy 244C and Pharmacy PharmD 281L may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum and credit or registration for Pharmacy PharmD 181P (or Pharmacy 144P).
• 58115 MW 1000 - 1100 PHR 2.110 BROWN, C

PHM 281N PHARMACEUTICAL BIOCHEMISTRY II
Offered on the letter-grade basis only. The biosynthesis and function of macromolecules (nucleic acids, lipids, proteins, and carbohydrates); sites of drug action, immunology, and applications of biotechnology and molecular biology to the pharmaceutical sciences. Pharmacy 251C and Pharmacy PharmD 281N may not both be counted. Prerequisite: Pharmacy PharmD 381M (or Pharmacy 341C).
• 58120 TTH 200 - 300P PHR 2.110 LEE, S

PHM 181P PERSONNL MGMT/PAT BEHAV LAB
Offered on the letter-grade basis only. Explores issues in pharmacy practice. Includes case study discussions, group presentations, and small group work to enhance communication and teamwork skills. Pharmacy 144P and Pharmacy PharmD 181P may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum, and credit or registration for Pharmacy PharmD 281L (or Pharmacy 244C).
• 58125 M 300 - 600P CMA 3.108 BROWN, C
• 58130 M 300 - 600P PHR 2.214 BROWN, C
• 58135 W 300 - 600P BEN 1.106 BROWN, C
• 58140 W 300 - 600P CBA 4.346 BROWN, C
• 58145 T 330 - 630P MEZ 1.204 BROWN, C
• 58150 T 330 - 630P RLM 6.112 BROWN, C
• 58155 TH 330 - 630P PAR 210 BROWN, C
• 58160 TH 330 - 630P RLM 6.112 BROWN, C

PHM 181R RSCH OPS IN PHARMACEUTICAL SCI
Laboratory hour(s) to be arranged. Offered on the letter-grade basis only. An introduction to research in all divisions of the College of Pharmacy.Includes ethical issues in research, career paths in research, and subjects such as choosing a research mentor or project. Pharmacy 151R and Pharmacy PharmD 181R may not both be counted. Prerequisite: Admission to the professional pharmacy curriculum.
• 58165 W 100 - 200P PHR 3.106 DALBY, K

PHM 181T FOUNDATIONS PROF DEVELOPMNT II
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 152H, Pharmacy PharmD181D, 281D, 181T, 281T. Prerequisite: Pharmacy PharmD 181C, or 281C, or 181S, or 281S, (or Pharmacy 142H). meets with PHM 181T.
• 58170 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58175 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58180 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58185 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58190 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58195 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58200 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58205 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58210 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58215 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58220 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58225 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58230 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58235 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58240 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58245 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58250 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58255 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58260 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58265 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58270 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58275 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58280 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58285 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58290 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58295 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58300 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58305 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58310 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58315 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58320 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58325 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58330 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58335 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58340 F 1200 - 100P PHR 2.108 GINSBURG, D
• 58345 F 1200 - 100P PHR 2.108 GINSBURG, D

PHM 182F NONSCRP PHMTHR/SELF CARE II
Offered on the letter-grade basis only. A continuation of Pharmacy PharmD 282E. The study of nonprescription products and complementary and alternative medicine as it relates to thepatient's ability to care for themselves with emphasis on the pharmacist's consultant role in product selection and non-pharmacologic recommendations. Pharmacy 172E and Pharmacy PharmD 182F may not both be counted. Prerequisite: Pharmacy PharmD 282E (or Pharmacy 262D), 392P (or Pharmacy392S), and credit or registration for Pharmacy PharmD 182P (or Pharmacy 172P).
• 58350 T 1100 - 1200 PHR 3.106 ACOSTA, W

PHM 282G PHARMACY BUSINESS PLAN DEV
Offered on the letter-grade basis only. The fundamentals of writing a pharmacy business plan, including the mission statement, objectives, description of products and services, legal structure, location analysis, layout and design, pro forma financial statements, staffing, market analysis and strategies, and promotion and advertising plans, culminating in submission of the plan for national competition. Pharmacy 282D and Pharmacy PharmD 282G may not both be counted. Prerequisite: Pharmacy PharmD 384K (or Pharmacy 326C) and completion of the second professional year in pharmacy, or consent of instructor.
• 58355 TH 900 - 1100 PHR 3.114C POPE, N

PHR BUSINESS PLAN DEV-S A
Offered on the letter-grade basis only. The fundamentals of writing a pharmacy business plan, including the mission statement, objectives, description of products and services, legal structure, location analysis, layout and design, pro forma financial statements, staffing, market analysis and strategies, and promotion and advertising plans, culminating in submission of the plan for national competition. Pharmacy 282D and Pharmacy PharmD 282G may not both be counted. Prerequisite: Pharmacy PharmD 384K (or Pharmacy 326C) and completion of the second professional year in pharmacy, or consent of instructor. Taught in San Antonio, Texas. Partially taught as a Web-based course.
• 58360 TH 900 - 1100 POPE, N

PHR BUSINESS PLAN DEV-VAL
Offered on the letter-grade basis only. The fundamentals of writing a pharmacy business plan, including the mission statement, objectives, description of products and services, legal structure, location analysis, layout and design, pro forma financial statements, staffing, market analysis and strategies, and promotion and advertising plans, culminating in submission of the plan for national competition. Pharmacy 282D and Pharmacy PharmD 282G may not both be counted. Prerequisite: Pharmacy PharmD 384K (or Pharmacy 326C) and completion of the second professional year in pharmacy, or consent of instructor. Taught in Rio Grande Valley, Texas.
• 58364 TH 900 - 1100 POPE, N

Draft

course	unique	days	time	room	instructor

PHM 182P NONPRES PHARM SELF-CARE II LAB

Designed to accommodate 100 or more students. Offered on the letter-grade basis only. Laboratory practice related to the pharmacist's consultant role in nonprescription product selection (including complementary and alternative medicine) and non-pharmacologic recommendations in self-care; includes fieldwork in a community pharmacy. Pharmacy 172P and Pharmacy PharmD 182P may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 182F (or Pharmacy 172E), and current intern registration with the Texas State Board of Pharmacy.

• 58365	M	900 - 1000	PHR 3.106	ACOSTA, W
	T	130 - 430P	PHR 4.212	
• 58370	M	900 - 1000	PHR 3.106	ACOSTA, W
	T	130 - 430P	PHR 4.212	
• 58375	M	900 - 1000	PHR 3.106	ACOSTA, W
	TH	130 - 430P	PHR 4.212	
• 58380	M	900 - 1000	PHR 3.106	ACOSTA, W
	TH	130 - 430P	PHR 4.212	

PHM 382R ENTREPRENEURSHP AND HLTH INNOV

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Basic exploration in any area of the pharmaceutical and clinical sciences. Pharmacy 161J, 261J, 361J and Pharmacy PharmD 182R, 282R, 382R may not both be counted unless the topics vary. Prerequisite: Admission to the professional pharmacy curriculum; additional prerequisites vary with the topic. meets with MAN 385, PGS 380M.

• 58385	W	300 - 530P	EER 1.528	WALKOW, J

PHM 282T FOUNDATIONS PROF DEVELOPMNT IV

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 172H, Pharmacy PharmD182D, 282D, 182T, 282T. Prerequisite: Pharmacy PharmD 182C, or 282C, or 182S, or 282S (or Pharmacy 161H). meets with PHM 282T.

• 58390	F	1200 - 100P	PHR 3.106	DUHON, B
• 58395	F	1200 - 100P	PHR 3.106	DUHON, B
• 58400	F	1200 - 100P	PHR 3.106	DUHON, B
• 58405	F	1200 - 100P	PHR 3.106	DUHON, B
• 58410	F	1200 - 100P	PHR 3.106	DUHON, B
• 58415	F	1200 - 100P	PHR 3.106	DUHON, B
• 58420	F	1200 - 100P	PHR 3.106	DUHON, B
• 58425	F	1200 - 100P	PHR 3.106	DUHON, B
• 58430	F	1200 - 100P	PHR 3.106	DUHON, B
• 58435	F	1200 - 100P	PHR 3.106	DUHON, B
• 58440	F	1200 - 100P	PHR 3.106	DUHON, B
• 58445	F	1200 - 100P	PHR 3.106	DUHON, B
• 58450	F	1200 - 100P	PHR 3.106	DUHON, B
• 58455	F	1200 - 100P	PHR 3.106	DUHON, B
• 58460	F	1200 - 100P	PHR 3.106	DUHON, B
• 58465	F	1200 - 100P	PHR 3.106	DUHON, B
• 58470	F	1200 - 100P	PHR 3.106	DUHON, B
• 58475	F	1200 - 100P	PHR 3.106	DUHON, B
• 58480	F	1200 - 100P	PHR 3.106	DUHON, B
• 58485	F	1200 - 100P	PHR 3.106	DUHON, B
• 58490	F	1200 - 100P	PHR 3.106	DUHON, B
• 58495	F	1200 - 100P	PHR 3.106	DUHON, B
• 58500	F	1200 - 100P	PHR 3.106	DUHON, B
• 58505	F	1200 - 100P	PHR 3.106	DUHON, B
• 58510	F	1200 - 100P	PHR 3.106	DUHON, B
• 58515	F	1200 - 100P	PHR 3.106	DUHON, B
• 58520	F	1200 - 100P	PHR 3.106	DUHON, B
• 58525	F	1200 - 100P	PHR 3.106	DUHON, B
• 58530	F	1200 - 100P	PHR 3.106	DUHON, B
• 58535	F	1200 - 100P	PHR 3.106	DUHON, B
• 58540	F	1200 - 100P	PHR 3.106	DUHON, B
• 58545	F	1200 - 100P	PHR 3.106	DUHON, B
• 58550	F	1200 - 100P	PHR 3.106	DUHON, B
• 58555	F	1200 - 100P	PHR 3.106	DUHON, B
• 58560	F	1200 - 100P	PHR 3.106	DUHON, B
• 58565	F	1200 - 100P	PHR 3.106	DUHON, B

PHM 383K NEW CONCEPTS/TPCS/ISS PHR PRAC

Pharmacy 322P and Pharmacy PharmD 383K may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 384L (or Pharmacy 364D).

• 58570	M	400 - 700P	PHR 2.208	LAWSON, K

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.

• 58575

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.

• 58580

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.

• 58585

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.

• 58590

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.

• 58595

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.

• 58600

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.

• 58605

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.

• 58610

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.

• 58615

PHM 283T FOUNDATIONS PROF DEVELOPMNT VI

Designed to accommodate 100 or more students. 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 192H, Pharmacy PharmD182R (Topic: PROFESNL DEVEL CONVOCATION VI), 183D, 283D, 183T, 283T. Prerequisite: Pharmacy PharmD 183C, or 283C, or 183S, or 283S, (or Pharmacy 182H). meets with PHM 283T.

• 58620	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J

FOUNDATIONS PROF DEVELOPMNT VI

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 192H, Pharmacy PharmD182R (Topic: PROFESNL DEVEL CONVOCATION VI), 183D, 283D, 183T, 283T. Prerequisite: Pharmacy PharmD 183C, or 283C, or 183S, or 283S, (or Pharmacy 182H). meets with PHM 283T.

• 58625	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58630	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58635	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58640	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58645	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58650	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58655	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58660	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58665	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58670	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58675	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
• 58680	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J

course	unique	days	time	room	instructor
	• 58685	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58690	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58695	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58700	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58705	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58710	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58715	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58720	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58725	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58730	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58735	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58740	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58745	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58750	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58755	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58760	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J
	• 58765	M	900 - 1000	PHR 2.108	RIDINGS-MYHRA, J

PHM 284E PHARMACY LAW

Offered on the letter-grade basis only. State and federal pharmacy laws. Pharmacy 284E and Pharmacy PharmD 284E may not both be counted. Prerequisite: Completion of the second professional year in the College of Pharmacy.

• 58770	M	200 - 400P	PHR 3.106	BRINKLEY, F

PHARMACY LAW-S A

Offered on the letter-grade basis only. State and federal pharmacy laws. Pharmacy 284E and Pharmacy PharmD 284E may not both be counted. Prerequisite: Completion of the second professional year in the College of Pharmacy. Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 58775	M	200 - 400P		BRINKLEY, F

PHARMACY LAW-VAL

Offered on the letter-grade basis only. State and federal pharmacy laws. Pharmacy 284E and Pharmacy PharmD 284E may not both be counted. Prerequisite: Completion of the second professional year in the College of Pharmacy. Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.

• 58780	M	200 - 400P		BRINKLEY, F

PHM 184N INTERPROFESSIONAL ETHICS

Offered on the letter-grade basis only. Explores ethical issues in pharmacy practice and health care, with a focus on the perspectives of professionals in the fields of nursing, law, social work, and medicine. Pharmacy 176E and Pharmacy PharmD 184N may not both be counted. Prerequisite: Pharmacy PharmD 281L (or Pharmacy 244C), 181P (or Pharmacy144P), 384L (or Pharmacy 364D), and credit or registration for Pharmacy PharmD 282D (or Pharmacy 172H), 685E (Pharmacy 675E), and 184P (or Pharmacy 175P).

• 58785	TH	1100 - 1200	PHR 3.106	GINSBURG, D

PHM 184P PHARMACOTHERAPEUTICS II LAB

Offered on the letter-grade basis only. Problem-based laboratory that integrates the pathophysiology, medicinal chemistry, pharmacology, and therapeutic aspects of various diseases in order to prepare students to make sound therapeutic decisions. Pharmacy 175P and Pharmacy PharmD 184P may not both be counted. Prerequisite: Credit for Pharmacy PharmD 685E (or Pharmacy 675E), or credit or registration for Pharmacy PharmD 181, 182, 483, 184, 185 and 486, or consent of the dean. meets with PHM 184P.

• 58790	M	130 - 430P	PHR 4.212	CURRAN, M
• 58795	M	130 - 430P	PHR 4.212	CURRAN, M
• 58800	M	130 - 430P	PHR 4.212	CURRAN, M
• 58805	M	130 - 430P	PHR 4.212	CURRAN, M
• 58810	M	130 - 430P	PHR 4.212	CURRAN, M
• 58815	W	130 - 430P	PHR 4.212	CURRAN, M
• 58820	W	130 - 430P	PHR 4.212	CURRAN, M
• 58825	W	130 - 430P	PHR 4.212	CURRAN, M
• 58830	W	130 - 430P	PHR 4.212	CURRAN, M
• 58835	W	130 - 430P	PHR 4.212	CURRAN, M
• 58840	F	130 - 430P	PHR 4.212	CURRAN, M
• 58845	F	130 - 430P	PHR 4.212	CURRAN, M
• 58850	F	130 - 430P	PHR 4.212	CURRAN, M
• 58855	F	130 - 430P	PHR 4.212	CURRAN, M
• 58860	F	130 - 430P	PHR 4.212	CURRAN, M

PHM 685E PHARMACOTHERAPEUTICS II

Offered on the letter-grade basis only. An integrated approach (pathophysiology, medicinal chemistry, pharmacology, and therapeutics) to the pathogenesis and treatment of bacterial, viral, and fungal infections; immunizations against bacterial and viral diseases; and allergies, asthma, and chronic obstructive pulmonary disease. Pharmacy PharmD 685E (or Pharmacy 675E) and 486 may not both be counted. Prerequisite: Pharmacy PharmD 685D (or Pharmacy 665E) and credit or registration for Pharmacy PharmD 182P (or Pharmacy 175P).

• 58865	MWF	1000 - 1200	PHR 3.106	DAVIS, P

PHM 385H PHARMCOTHRPEUT OF SPECIAL POPS

Offered on the letter-grade basis only. Subjects include geriatrics, pediatrics, pharmacogenomics, transplant patients, and under-served populations. Pharmacy PharmD 385H (or Pharmacy 396D) and 193 may not both be counted. Prerequisite: Pharmacy PharmD 390N (or Pharmacy 371S), 190P (or Pharmacy171P), 182F (or Pharmacy 172E), 182P (or Pharmacy 172P), 185P (or Pharmacy 185P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G).

• 58870	TTH	200 - 330P	PHR 3.106	DAVIS, P

PHARMCOTHRPEUT SPEC POPS-S A

Offered on the letter-grade basis only. Subjects include geriatrics, pediatrics, pharmacogenomics, transplant patients, and under-served populations. Pharmacy PharmD 385H (or Pharmacy 396D) and 193 may not both be counted. Prerequisite: Pharmacy PharmD 390N (or Pharmacy 371S), 190P (or Pharmacy171P), 182F (or Pharmacy 172E), 182P (or Pharmacy 172P), 185P (or Pharmacy 185P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G). Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 58875	TTH	200 - 330P		DAVIS, P

PHARMCOTHRPEUT SPEC POPS-VAL

Offered on the letter-grade basis only. Subjects include geriatrics, pediatrics, pharmacogenomics, transplant patients, and under-served populations. Pharmacy PharmD 385H (or Pharmacy 396D) and 193 may not both be counted. Prerequisite: Pharmacy PharmD 390N (or Pharmacy 371S), 190P (or Pharmacy171P), 182F (or Pharmacy 172E), 182P (or Pharmacy 172P), 185P (or Pharmacy 185P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G). Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.

• 58880	TTH	200 - 330P		DAVIS, P

PHM 385K APPLIED PHARMACY MANAGEMENT

Designed to accommodate 35 or fewer students. Examination and application of principles of pharmacy management, with emphasis on human resource management. Subjects include interviewing andselection techniques, assessing job performance, improving the work environment, leadership skills, management skills, managing medication errors, and quality improvement of pharmacy services. Pharmacy 326M and Pharmacy PharmD 385K may not both be counted. Prerequisite: Pharmacy PharmD 281L (or Pharmacy 244C) and 181P (or Pharmacy 144P).

• 58885	TTH	930 - 1100	PHR 4.114	LATIOLAIS, C

APPLIED PHARMACY MGMT-S A

Examination and application of principles of pharmacy management, with emphasis on human resource management. Subjects include interviewing andselection techniques, assessing job performance, improving the work environment, leadership skills, management skills, managing medication errors, and quality improvement of pharmacy services. Pharmacy 326M and Pharmacy PharmD 385K may not both be counted. Prerequisite: Pharmacy PharmD 281L (or Pharmacy 244C) and 181P (or Pharmacy 144P).

• 58890	TTH	930 - 1100		LATIOLAIS, C

APPLIED PHARMACY MGMT-VAL

Examination and application of principles of pharmacy management, with emphasis on human resource management. Subjects include interviewing andselection techniques, assessing job performance, improving the work environment, leadership skills, management skills, managing medication errors, and quality improvement of pharmacy services. Pharmacy 326M and Pharmacy PharmD 385K may not both be counted. Prerequisite: Pharmacy PharmD 281L (or Pharmacy 244C) and 181P (or Pharmacy 144P).

• 58895	TTH	930 - 1100		LATIOLAIS, C

PHM 186P ADV PHARMACOTHERAPEUTICS LAB

Offered on the letter-grade basis only. Provides a safe, structured, and supportive laboratory setting for students to develop individual presentation skills necessary for professional practice. Presentations include journal clubs, development of data-driven drug therapy algorithms, and brief case presentations. Pharmacy 194P and Pharmacy PharmD 186P may not both be counted. Prerequisite: Credit for Pharmacy PharmD 685F (or Pharmacy 695F), 385G (or Pharmacy 395G), and 185P (or Pharmacy 185P); or credit or registration for Pharmacy PharmD 185P, 291, 292, and 193; or consent of the dean.

• 58900	T	330 - 630P	PHR 2.214	SAKLAD, S
	M	100 - 200P	PHR 3.106	
• 58905	W	330 - 630P	PHR 2.208	SAKLAD, S
	M	100 - 200P	PHR 3.106	
• 58910	W	330 - 630P	PHR 2.214	SAKLAD, S
	M	100 - 200P	PHR 3.106	
• 58915	W	330 - 630P	PHR 5.214	SAKLAD, S
	M	100 - 200P	PHR 3.106	
• 58920	TH	330 - 630P	PHR 2.214	SAKLAD, S
	M	100 - 200P	PHR 3.106	
• 58925	T	400 - 700P	PHR 2.208	SAKLAD, S
	M	100 - 200P	PHR 3.106	
• 58930	TH	400 - 700P	PHR 2.208	SAKLAD, S
	M	100 - 200P	PHR 3.106	

ADV PHARMACOTHERAPTICS LAB-S A

Offered on the letter-grade basis only. Provides a safe, structured, and supportive laboratory setting for students to develop individual presentation skills necessary for professional practice. Presentations include journal clubs, development of data-driven drug therapy algorithms, and brief case presentations. Pharmacy 194P and Pharmacy PharmD 186P may not both be counted. Prerequisite: Credit for Pharmacy PharmD 685F (or Pharmacy 695F), 385G (or Pharmacy 395G), and 185P (or Pharmacy 185P); or credit or registration for Pharmacy PharmD 185P, 291, 292, and 193; or consent of the dean. Taught in San Antonio, Texas.

• 58935	T	330 - 630P		SAKLAD, S
	M	100 - 200P		
• 58940	T	330 - 630P		SAKLAD, S
	M	100 - 200P		
• 58945	TH	330 - 630P		SAKLAD, S
	M	100 - 200P		

course	unique	days	time	room	instructor
	• 58950	TH	330 - 630P		SAKLAD, S
		M	100 - 200P		

ADV PHARMACOTHERAPTICS LAB-VAL

Offered on the letter-grade basis only. Provides a safe, structured, and supportive laboratory setting for students to develop individual presentation skills necessary for professional practice. Presentations include journal clubs, development of data-driven drug therapy algorithms, and brief case presentations. Pharmacy 194P and Pharmacy PharmD 186P may not both be counted. Prerequisite: Credit for Pharmacy PharmD 685F (or Pharmacy 695F), 385G (or Pharmacy 395G), and 185P (or Pharmacy 185P); or credit or registration for Pharmacy PharmD 185P, 291, 292, and 193; or consent of the dean. Taught in Rio Grande Valley, Texas.

• 58955	W	100 - 400P		SAKLAD, S
	M	100 - 200P		

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).

• 58960				GARLING, K
• 58965				GARLING, K
• 58970				GARLING, K

PHM 286R ADV CONTEMP COMPOUNDING-S A

Offered on the letter-grade basis only. The art and science of compounding pharmaceutical preparations to develop an advanced understanding of formulation, stability, and qualitystandards of compounded pharmaceuticals. Focuses on pharmaceutical elegance; developing professional judgement based on limited data to assess the stability and efficacy of a compound before dispensing the preparation; the regulations governing compounding, including those outlined by the United States Pharmacopeial Convention, the Pharmacy Compounding Accreditation Board, and other scientific and professional organizations; mechanisms for evaluation and analysis of the quality of a compounded formulation; and marketing and promotion of compounding services. Pharmacy 256R and Pharmacy PharmD 286R may not both be counted. Prerequisite: Phamacy PharmD 388M (or Pharmacy 356C) and 188P (or Pharmacy 156P).

• 58975	T	900 - 1100		POPE, N

ADV CONTEMP COMPOUNDING-VAL

Offered on the letter-grade basis only. The art and science of compounding pharmaceutical preparations to develop an advanced understanding of formulation, stability, and qualitystandards of compounded pharmaceuticals. Focuses on pharmaceutical elegance; developing professional judgement based on limited data to assess the stability and efficacy of a compound before dispensing the preparation; the regulations governing compounding, including those outlined by the United States Pharmacopeial Convention, the Pharmacy Compounding Accreditation Board, and other scientific and professional organizations; mechanisms for evaluation and analysis of the quality of a compounded formulation; and marketing and promotion of compounding services. Pharmacy 256R and Pharmacy PharmD 286R may not both be counted. Prerequisite: Phamacy PharmD 388M (or Pharmacy 356C) and 188P (or Pharmacy 156P).

• 58980	T	900 - 1100		POPE, N

ADV CONTEMPORARY COMPOUNDING

Offered on the letter-grade basis only. The art and science of compounding pharmaceutical preparations to develop an advanced understanding of formulation, stability, and qualitystandards of compounded pharmaceuticals. Focuses on pharmaceutical elegance; developing professional judgement based on limited data to assess the stability and efficacy of a compound before dispensing the preparation; the regulations governing compounding, including those outlined by the United States Pharmacopeial Convention, the Pharmacy Compounding Accreditation Board, and other scientific and professional organizations; mechanisms for evaluation and analysis of the quality of a compounded formulation; and marketing and promotion of compounding services. Pharmacy 256R and Pharmacy PharmD 286R may not both be counted. Prerequisite: Phamacy PharmD 388M (or Pharmacy 356C) and 188P (or Pharmacy 156P).

• 58985	T	900 - 1100	PHR 3.114C	POPE, N

PHM 287DB 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).

• 58990	T	800 - 900	PHR 2.110	TEMPLE, H
	W	800 - 900	PHR 2.208	
• 58995	T	800 - 900	PHR 2.110	TEMPLE, H
	W	800 - 900	PHR 2.214	
• 59000	T	800 - 900	PHR 2.110	TEMPLE, H
	W	800 - 900	PHR 3.110	
• 59005	T	800 - 900	PHR 2.110	TEMPLE, H
	W	800 - 900	PHR 3.114A	
• 59010	T	800 - 900	PHR 2.110	TEMPLE, H
	W	800 - 900	PHR 3.114B	
• 59015	T	800 - 900	PHR 2.110	TEMPLE, H
	W	800 - 900	PHR 5.214	
• 59020	T	800 - 900	PHR 2.110	TEMPLE, H
	W	900 - 1000	PHR 2.208	
• 59025	T	800 - 900	PHR 2.110	TEMPLE, H
	W	900 - 1000	PHR 2.214	
• 59030	T	800 - 900	PHR 2.110	TEMPLE, H
	W	900 - 1000	PHR 3.110	
• 59035	T	800 - 900	PHR 2.110	TEMPLE, H
	W	900 - 1000	PHR 3.114A	
• 59040	T	800 - 900	PHR 2.110	TEMPLE, H
	W	900 - 1000	PHR 3.114B	
• 59045	T	800 - 900	PHR 2.110	TEMPLE, H
	W	900 - 1000	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.

- 59050
- 59055
- 59060

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.

- 59065

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).

- 59070
- 59075
- 59080
- 59085
- 59090

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.

- 59095

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 PharmD 288H may not both be counted. Prerequisite: Admission to the Pharmacy Honors Program.

- 59100

PHM 388M PHARMACEUTICS

Offered on the letter-grade basis only. General introduction to dosage forms, and the technology and pharmaceutical rationale fundamental to their development. Pharmacy 356C and Pharmacy PharmD 388M may not both be counted. Prerequisite: Pharmacy PharmD 387M (or Pharmacy 342C) and 187P (or Pharmacy 142P) and credit or registration for Pharmacy PharmD 188P (or Pharmacy 156P).

• 59105	F	815 - 1115	SZB 104	WILLIAMS, R

PHM 188P PHARMACEUTICS LABORATORY

Laboratory course supporting the subjects discussed in Pharmacy PharmD 388M. Pharmacy 156P and Pharmacy PharmD 188P may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 388M (or Pharmacy 356C).

• 59110	M	200 - 300P	PHR 2.108	ZHANG, F
	W	100 - 400P	PHR 3.108	
• 59115	M	200 - 300P	PHR 2.108	ZHANG, F
	M	300 - 600P	PHR 3.108	
• 59120	M	200 - 300P	PHR 2.108	ZHANG, F
	T	300 - 600P	PHR 3.108	
• 59125	M	200 - 300P	PHR 2.108	ZHANG, F
	TH	300 - 600P	PHR 3.108	

course	unique	days	time	room	instructor
	• 59130	M	200 - 300P	PHR 2.108	ZHANG, F
		W	430 - 730P	PHR 3.108	

PHM 489H PHARM HON THESIS/TUTORIAL

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).

• 59135

PHM 289P INTRO TO CLINICAL SKILLS LAB

Designed to accommodate 100 or more students. Offered on the letter-grade basis only. Designed to develop the practical skills necessary in a pharmacy setting, with a focus on patient histories, how to read and interpret patient charts, adult immunizations (including APhA certification), and training and certification in CPR from American Heart Association facilitators. Laboratory includes practical application of pharmacy clinical skills. Pharmacy 277P and Pharmacy PharmD 289P may not both be counted. Prerequisite: Current intern registration with the Texas State Board of Pharmacy; Pharmacy PharmD 284M (or Pharmacy 266P) and 392P (or Pharmacy 392S); and credit or registration for Pharmacy PharmD 685E (or Pharmacy 675E) and 184P (or Pharmacy 175P).

• 59140	F	900 - 1000	PHR 3.106	CASTLEBERRY, A
	M	130 - 430P	PHR 2.116	
• 59145	F	900 - 1000	PHR 3.106	CASTLEBERRY, A
	W	130 - 430P	PHR 2.116	
• 59150	F	900 - 1000	PHR 3.106	CASTLEBERRY, A
	T	200 - 500P	PHR 2.116	
• 59155	F	900 - 1000	PHR 3.106	CASTLEBERRY, A
	TH	200 - 500P	PHR 2.116	

PHM 189S COMMUNITY SERVICE LEARNING

Hour(s) to be arranged. Offered on the letter-grade basis only. Community-based participatory projects designed to connect coursework and community service experiences. Past and present health issues specific to the Texas region (such as United States-Mexico border issues), national and regional health initiatives, service challenges and opportunities, as well as personal/professional identities and responsibilities to the community. Projects developed in consultation with a faculty mentor and a selected community site. Includes an academic service-learning component. Only one of the following may be counted: Pharmacy 169S, 269S, 369S, Pharmacy PharmD 189S, 289S, 389S. Prerequisite: Completion of the second professional year in the College of Pharmacy.

• 59160

PHM 289S COMMUNITY SERVICE LEARNING

Hour(s) to be arranged. Offered on the letter-grade basis only. Community-based participatory projects designed to connect coursework and community service experiences. Past and present health issues specific to the Texas region (such as United States-Mexico border issues), national and regional health initiatives, service challenges and opportunities, as well as personal/professional identities and responsibilities to the community. Projects developed in consultation with a faculty mentor and a selected community site. Includes an academic service-learning component. Only one of the following may be counted: Pharmacy 169S, 269S, 369S, Pharmacy PharmD 189S, 289S, 389S. Prerequisite: Completion of the second professional year in the College of Pharmacy.

• 59165

PHM 389S COMMUNITY SERVICE LEARNING

Hour(s) to be arranged. Offered on the letter-grade basis only. Community-based participatory projects designed to connect coursework and community service experiences. Past and present health issues specific to the Texas region (such as United States-Mexico border issues), national and regional health initiatives, service challenges and opportunities, as well as personal/professional identities and responsibilities to the community. Projects developed in consultation with a faculty mentor and a selected community site. Includes an academic service-learning component. Only one of the following may be counted: Pharmacy 169S, 269S, 369S, Pharmacy PharmD 189S, 289S, 389S. Prerequisite: Completion of the second professional year in the College of Pharmacy.

• 59170

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.

• 59175 TASNIF, Y

PHM 290L INTRO TO NUCLEAR PHARM-S A

An overview of nuclear pharmacy, a recognized specialty area of pharmacypractice focusing on the compounding and dispensing of radioactive materials for use in nuclear medicine procedures (therapeutic, diagnostic, and imaging). Pharmacy 270N and Pharmacy PharmD 290L may not both be counted. Prerequisite: Pharmacy PharmD 287N (or Pharmacy 252C), 190P (or Pharmacy171P) and 390N (or Pharmacy 371S); or consent of instructor. Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 59180 W 200 - 400P BUCHAN, A

INTRO TO NUCLEAR PHARM-VAL

An overview of nuclear pharmacy, a recognized specialty area of pharmacypractice focusing on the compounding and dispensing of radioactive materials for use in nuclear medicine procedures (therapeutic, diagnostic, and imaging). Pharmacy 270N and Pharmacy PharmD 290L may not both be counted. Prerequisite: Pharmacy PharmD 287N (or Pharmacy 252C), 190P (or Pharmacy171P) and 390N (or Pharmacy 371S); or consent of instructor.

• 59185 W 200 - 400P BUCHAN, A

INTRO TO NUCLEAR PHARMACY

An overview of nuclear pharmacy, a recognized specialty area of pharmacypractice focusing on the compounding and dispensing of radioactive materials for use in nuclear medicine procedures (therapeutic, diagnostic, and imaging). Pharmacy 270N and Pharmacy PharmD 290L may not both be counted. Prerequisite: Pharmacy PharmD 287N (or Pharmacy 252C), 190P (or Pharmacy171P) and 390N (or Pharmacy 371S); or consent of instructor.

• 59190 W 200 - 400P PHR 3.114B BUCHAN, A

PHM 290M INPAT ADULT MEDICINE-S A

Offered on the letter-grade basis only. Clinical therapeutic management of adult patients in an inpatient, institutional (primarily hospital) setting. Pharmacy 270M and Pharmacy PharmD 290M may not both be counted. Prerequisite: Completion of the second professional year in the College of Pharmacy. Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 59195 W 1000 - 1200 RYAN, L

INPAT ADULT MEDICINE-VAL

Offered on the letter-grade basis only. Clinical therapeutic management of adult patients in an inpatient, institutional (primarily hospital) setting. Pharmacy 270M and Pharmacy PharmD 290M may not both be counted. Prerequisite: Completion of the second professional year in the College of Pharmacy. Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.

• 59200 W 1000 - 1200 RYAN, L

INPATIENT ADULT MEDICINE

Offered on the letter-grade basis only. Clinical therapeutic management of adult patients in an inpatient, institutional (primarily hospital) setting. Pharmacy 270M and Pharmacy PharmD 290M may not both be counted. Prerequisite: Completion of the second professional year in the College of Pharmacy. Partially taught as a Web-based course.

• 59205 W 1000 - 1200 PHR 4.114 RYAN, L

PHM 390N INTEG BASIC/APPLD PHARMCOKINET

Offered on the letter-grade basis only. Introduction to pharmacokinetic principles; and the application of principles to specific drugs and patient situations. Pharmacy 371S and Pharmacy PharmD 390N may not both be counted. Prerequisite: Pharmacy PharmD 387M (or Pharmacy 342C), 187P (or Pharmacy142P), 287N (or Pharmacy 252C), 388M (or Pharmacy 356C), and 188P (or Pharmacy 156P); and credit or registration for Pharmacy PharmD 171P (or Pharmacy 171P), 675E (or Pharmacy 675E), and 175P (or Pharmacy 175P).

• 59210 TTH 930 - 1100 PHR 3.106 KOELLER, J

PHM 190P INTEG BASIC/APPL PHRMCOKIN LAB

Additional hour(s) to be arranged. Offered on the letter-grade basis only. Problem-based and case-based application of pharmacokinetic principles to specific drugs and patient situations. Pharmacy 171P and Pharmacy PharmD 190P may not both be counted. Prerequisite: Credit or registration for Pharmacy PharmD 390N (or Pharmacy 371S).

• 59215	TH	830 - 930	PHR 3.106	KOELLER, J
	M	100 - 330P	PHR 2.208	
• 59220	TH	830 - 930	PHR 3.106	KOELLER, J
	W	100 - 330P	PHR 2.208	
• 59225	TH	830 - 930	PHR 3.106	KOELLER, J
	T	130 - 400P	PHR 2.208	
• 59230	TH	830 - 930	PHR 3.106	KOELLER, J
	TH	130 - 400P	PHR 2.208	
• 59235	TH	830 - 930	PHR 3.106	KOELLER, J
	F	130 - 400P	PHR 2.208	

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 a Web-based course.

• 59240 FREI, C

PHM 191V FNDTN INTRPROF COLLAB PRAC II

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. Prerequisite: Pharmacy PharmD 191U. meets with PHM 191V.

• 59245	M	800 - 900	PHR 3.106	YOUNG, V
	F	200 - 500P		
• 59250	M	800 - 900	PHR 3.106	YOUNG, V
	F	200 - 500P		
• 59255	M	800 - 900	PHR 3.106	YOUNG, V
	F	200 - 500P		
• 59260	M	800 - 900	PHR 3.106	YOUNG, V
	F	200 - 500P		

course	unique	days	time	room	instructor
	• 59265	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59270	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59275	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59280	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59285	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59290	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59295	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59300	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59305	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59310	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59315	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59320	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59325	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59330	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59335	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59340	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59345	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59350	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59355	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59360	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59365	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59370	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59375	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59380	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59385	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59390	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59395	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59400	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59405	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59410	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59415	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		
	• 59420	M	800 - 900	PHR 3.106	YOUNG, V
		F	200 - 500P		

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).

• 59425

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.

• 59430

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.

• 59435

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.

• 59440

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.

• 59445

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.

• 59450

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).

• 59455

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).

• 59460

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.

• 59465

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.

• 59470

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.

• 59475

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.

• 59480

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).

• 59485
• 59490

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.

• 59495
• 59500

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.

• 59505

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.

• 59510
• 59515

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.

• 59520
• 59525

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).

• 59530

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).

• 59535
• 59540

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.

• 59545

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.

• 59550

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.
• 59555

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.
• 59560
• 59565

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.
• 59570

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.
• 59575

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).
• 59580
• 59585

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.
• 59590

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.
• 59595

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.
• 59600

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.
• 59605
• 59610

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.
• 59615

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).
• 59620
• 59625
• 59630

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.
• 59635
• 59640

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.
• 59645

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.
• 59650
• 59655

• 59660

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.

• 59665

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).

• 59670
• 59675
• 59680

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.

• 59685
• 59690

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.

• 59695

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.

• 59700
• 59705

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.

• 59710
• 59715

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.

• 59720

PHM 394F PHARMACOECONOMICS

Offered on the letter-grade basis only. Terms, concepts, procedures, methods, problems, and strengths associatedwith pharmacoeconomics. Only one of the following may be counted: Pharmacy 393T, 394F, Pharmacy Graduate Studies 393T, Pharmacy PharmD 394F. Prerequisite: Pharmacy PharmD 384L (or Pharmacy 364D) or consent of instructor. meets with PGS 393T.

• 59725 TTH 1100 - 1230P PHR 2.108 RASCATI, K

PHARMACOECONOMICS-S A

Offered on the letter-grade basis only. Terms, concepts, procedures, methods, problems, and strengths associatedwith pharmacoeconomics. Only one of the following may be counted: Pharmacy 393T, 394F, Pharmacy Graduate Studies 393T, Pharmacy PharmD 394F. Prerequisite: Pharmacy PharmD 384L (or Pharmacy 364D) or consent of instructor. Taught in San Antonio, Texas. Partially taught as a Web-based course.

• 59730 TTH 1100 - 1230P RASCATI, K

PHARMACOECONOMICS-VAL

Offered on the letter-grade basis only. Terms, concepts, procedures, methods, problems, and strengths associatedwith pharmacoeconomics. Only one of the following may be counted: Pharmacy 393T, 394F, Pharmacy Graduate Studies 393T, Pharmacy PharmD 394F. Prerequisite: Pharmacy PharmD 384L (or Pharmacy 364D) or consent of instructor. Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.

• 59735 TTH 1100 - 1230P RASCATI, K

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.

• 59740

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).

• 59745
• 59750

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).

• 59755

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).

• 59760

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).

• 59765

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.
• 59770

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).
• 59775

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).
• 59780

PHM 295R ADV EVIDENCE BASED PRAC-S A
Offered on the letter-grade basis only. Research methodology and biostatistical concepts as they relate to the interpretation and critical evaluation of biomedical literature. Designed to build upon the material covered in Pharmacy PharmD 195Q. Pharmacy 295R and Pharmacy PharmD 295R may not both be counted. Prerequisite: Pharmacy PharmD 195Q (or Pharmacy 163C), 195P (or Pharmacy163P), 185P (or Pharmacy 185P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G). Taught in San Antonio, Texas. Partially taught as a Web-based course.
• 59785 M 1000 - 1200 FREI, C

ADV EVIDENCE BASED PRAC-VAL
Offered on the letter-grade basis only. Research methodology and biostatistical concepts as they relate to the interpretation and critical evaluation of biomedical literature. Designed to build upon the material covered in Pharmacy PharmD 195Q. Pharmacy 295R and Pharmacy PharmD 295R may not both be counted. Prerequisite: Pharmacy PharmD 195Q (or Pharmacy 163C), 195P (or Pharmacy163P), 185P (or Pharmacy 185P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G). Taught in Rio Grande Valley, Texas. Partially taught as a Web-based course.
• 59790 M 1000 - 1200 FREI, C

ADV EVIDENCE BASED PRACTICE
Offered on the letter-grade basis only. Research methodology and biostatistical concepts as they relate to the interpretation and critical evaluation of biomedical literature. Designed to build upon the material covered in Pharmacy PharmD 195Q. Pharmacy 295R and Pharmacy PharmD 295R may not both be counted. Prerequisite: Pharmacy PharmD 195Q (or Pharmacy 163C), 195P (or Pharmacy163P), 185P (or Pharmacy 185P), 685F (or Pharmacy 695F), and 385G (or Pharmacy 395G). Partially taught as a Web-based course.
• 59795 M 1000 - 1200 PHR 2.108 FREI, C

LYNDON B. JOHNSON SCHOOL OF PUBLIC AFFAIRS

Public Affairs - P A

P A 325 INTEL AND NATIONAL SECURITY
Course number may be repeated for credit when the topics vary. meets with GOV 360N.
• 59850 TTH 930 - 1100 SRH 3.122 POPE, J

STRATEGY
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary.
• 59855 TTH 200 - 330P SRH 3.219 HUTCHINGS, R

1-ADVANCED ETHICAL LEADERSHIP
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Public Affairs 325 (Topic: Advanced Seminar in Ethical Leadership) and 325 (Topic 1) may not both be counted.
• 59860 TH 200 - 500P SRH 3.124 PRINCE, H

2-DEFENSE POLICY
Course number may be repeated for credit when the topics vary. Only one of the following may be counted: Government 360N (Topic: Defense Policy), 360N (Topic: Defense Policy: Honors), Liberal Arts Honors 350 (Topic: Defense Policy), 350 (Topic 1), Public Affairs 325 (Topic: Defense Policy), 325 (Topic: Defense Policy: Honors), 325 (Topic 2). meets with LAH 350 (TOPIC 1), GOV 360N.
• 59865 W 200 - 500P SRH 3.221 DORN, E

P A 150S ISS PUB AFFRS/LDRSHP AUSTIN
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 title: Issues in public affairs: Leadership in Austin.
• 59870 T 600 - 900P SRH 3.124 ZUTZ, C

P A 159R 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. meets with P A 188S.
• 59875 TH 515 - 615P POB 2.302 BEACH, F

P A 159T RACE/DEMOCRACY CNTR FELLOWS
Hour(s) to be arranged. Offered on the letter-grade basis only. Course number may be repeated for credit when the topics vary. Current issues in public policy.
• 59877

P A 280L NONPROFIT ORGANIZATIONS
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. Topic description: Introduction to the laws, policies, and ideals affecting the creation and governance of nonprofit organizations, including medical and health-related institutions, educational institutions, cultura l institutions, social clubs, service delivery organizations, religious (or "faith-based") institutions, and advocacy organizations. meets with LAW 284E.
• 59880 TH 415 - 615P TNH 3.126

P A 380L AMER STRUGGLING MID CLASS
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, ELP 394K.
• 59885 TTH 215 - 330P TNH 2.140 DICKERSON, M

NTL SEC LAW/INTEL COMMUNITY
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.
• 59889 TW 900 - 1030 TNH 3.125 CHESNEY, R

P A 680PB GENDER EQTY AGENDA LOCAL GOVTS
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.
• 59890 TH 200 - 500P SRH 3.312 SPELMAN, W

HEALTH TECH: REFORMING POLICY
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 description: Texas strategic transportation initiatives to improve the state's role as a global hub for international trade and a regional hub for domestic trade.
• 59895 T 200 - 500P SRH 3.360 LIND, M

ELEC VEH CHARGNG INFRASTRCTR
Designed to accommodate 35 or fewer students. 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.
• 59900 TH 200 - 500P SRH 3.355 BEACH, F

course unique days time room instructor

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. Topic title: Two-generation antipoverty strategies.
• 59905 T 200 - 500P SRH 3.221 RODRIGUEZ WARD, V

TRAINING OUT OF POVERTY
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: Innovation, accountability, and higher education policy.
• 59910 T 200 - 500P SRH 3.316 EATON, D

P A 382E ENTERPRISE MANAGEMENT
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. Topics in the processes and analytical tools needed for decision-making by senior-level leaders. 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 January 12-May 11.
• 59915 S 730 - 1200 SRH 3.219 O'BRIEN, J

P A 682GB ASEAN PARL RESEARCHER PROJECT
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.
• 59920 T 200 - 500P SRH 3.B7 MORRISON, J

BEYOND THE BORDER: MIGRATION
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.
• 59925 TH 200 - 500P SRH 3.316 LEUTERT, S

ENDING GLOBAL HUNGER
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. Topic title: Sustainability of engineered rivers in arid lands.
• 59930 T 200 - 500P SRH 3.314 WEAVER, C

WEALTH CREATION IN ASIA
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. Topic title: Mexican cartel violence: Assessing the Mexican government response.
• 59935 M 600 - 900P SRH 3.316 EATON, D

P A 383C AMERICAN WELFARE STATE
Designed to accommodate 35 or fewer students. 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.
• 59940 W 900 - 1200 SRH 3.221 WONG, P

CRISIS MANAGEMENT
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, LAW 371V.
• 59945 F 900 - 1200 SRH 3.122 INMAN, B

GENDER, HEALTH, AND SOCIETY
Designed to accommodate 35 or fewer students. 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.
• 59947 M 900 - 1200 SRH 3.355 ANGEL, J

LATINO POLICY DEVELOPMENT
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 MAS 392.
• 59950 W 200 - 500P SRH 3.124 DEFRANCESCO, V

LEG DEV: IDEAS/OPTN/LEGSLTN
Designed to accommodate 35 or fewer students. 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. Topic title: Legislative development: From ideas to options to legislation.
• 59955 W 600 - 900P SRH 3.220 WASEM, R

course unique days time room instructor

PUBLIC POLICY PARADIGMS
Designed to accommodate 35 or fewer students. 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.
• 59960 M 900 - 1200 SRH 3.350 LIND, M

WOMEN/POLITICS/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 WGS 393.
• 59965 TH 900 - 1200 SRH 3.212 RODRIGUEZ WARD, V

P A 383E EXECUTIVE TOOLKIT
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. Topics in leadership strategy, decision-making, and information management; the understanding and leading of organizational change initiatives for senior-level executives. 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 January 12-May 11.
• 59970 S 1230 - 500P SRH 3.219

LEADERSHIP STRATEGY & DECISION
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. Topics in leadership strategy, decision-making, and information management; the understanding and leading of organizational change initiatives for senior-level executives. 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 January 11-May 10. meets with P A 383E.
• 59975 F 400 - 830P SRH 3.219 SURI, J
• 59980 F 400 - 830P SRH 3.219 SURI, J

P A 383G POLICYMAKING IN A GLOBAL AGE
Designed to accommodate 35 or fewer students. History, politics, and organization of how the United States makes and implements foreign policy decisions. Prerequisite: Graduate standing.
• 59985 M 200 - 500P SRH 3.221 EISENMAN, J
• 59990 M 200 - 500P SRH 3.312 SANKARAN, J

POLICYMAKING IN A GLOBAL AGE
History, politics, and organization of how the United States makes and implements foreign policy decisions. Prerequisite: Graduate standing.
• 59995 M 200 - 500P SRH 3.350 HUTCHINGS, R

P A 384C 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.
• 60000 T 900 - 1200 SRH 3.124 KETTL, D

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.
• 60005 W 200 - 500P SRH 3.350 LUBY, M

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.
• 60010 M 200 - 500P SRH 3.219 ABNER, G
• 60014 TH 900 - 1200 SRH 3.360 KETTL, D

P A 387K CORPORATE POLITICAL STRATEGY
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. Topic description: How political and regulatory environment enables and constrains business activity and how individual firms and groups of firms can ethically and effectively lobby legislatures, negotiate with regul ators, create industry associations, make campaign contributions, and engage in other political activity to gain competitive advantage. meets with BGS 382.
• 60015 MW 930 - 1100 RRH 3.414 WERNER, T

INTL BUSINESS FELLOWS SMNR
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 I B 395.
• 60020 TTH 1230 - 200P RRH 5.408 DODD, D

RACE/ETHNICITY/GENDER POLICIES
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 WGS 393, AFR 380D, S W 395K.
• 60025 W 1100 - 200P GWB 1.130

SMNR: WATER FOR EVERYONE
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. 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 GEO 391, C E 397, LAW 397S.
• 60030 W 345 - 545P JON 6.257 COHEN, J

P A 188G WATER FOR EVERYONE WORKSHOP
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. meets with GEO 191, LAW 179M.
• 60035 W 630 - 815P JON 6.257 COHEN, J

P A 388K ADV CRIME/JUVENILE JUST POLCY
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.
• 60040 F 900 - 1200 SRH 3.220 DEITCH, M

AMER CHLDRN IN POVRTY POLCY
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 BGS 380.
• 60045 TH 900 - 1200 SRH 3.219 HOLE, M

AMERICANS WITH DISABILITIES
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: The history of disability law, the trends in federal rulings, and emerging issues as Congress debates new legislation related to persons with disabilities. meets with LAW 348D.
• 60050 T 345 - 645P TNH 2.124 CANTU, N

ASIAN SECURITY 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.
• 60055 TH 900 - 1200 SRH 3.220 SANKARAN, J

BLACK POLITICS
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.
• 60060 W 900 - 1200 SRH 3.355 JOSEPH, P

COVERT ACTION & US NATL SEC
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.
• 60065 W 200 - 500P SRH 3.360 SLICK, S

CRIMINAL JUSTICE 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 LAW 397S.
• 60070 M 200 - 500P SRH 3.220 DEITCH, M

DEVELOPMENT DATA REVOLUTION
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.
• 60075 M 900 - 1200 SRH 3.219 WEAVER, C

DOCUMENTARY PRODUCTION
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 343 (TOPIC 2).
• 60080 W 200 - 500P CMB 4.122 STEKLER, P
W 600 - 900P CMB 4.122

E PLURIBUS UNUM
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. Topic title: Post-earthquake reconstruction of rural Nepal.
• 60085 T 200 - 500P SRH 3.219 WASEM, R

ENERGY LAW: REG ENERGY MKTS
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 39), EER 396, LAW 379M.
• 60090 MW 1145 - 115P TNH 2.138 SPENCE, D

ENERGY TECHNOLOGY AND 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. meets with MAN 385, M E 382Q (TOPIC 4), EER 396, CHE 384T, CHE 359, M E 363M.
• 60095 TTH 800 - 930 CPE 2.204 WEBBER, M

CONFLICT MANAGEMENT
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.
• 60100 T 600 - 900P SRH 3.312 KUPERMAN, A

EUROPEAN UNION/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.
• 60105 T 900 - 1200 SRH 3.221 REDEI, L

GLBL ENVIRONMENTAL GOVERNANCE
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.
• 60110 T 900 - 1200 SRH 3.355 BUSBY, J

GLOBAL HEALTH GOVERNANCE
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.
• 60115 M 900 - 1200 SRH 3.220 BUSBY, J

GLOBAL INEQUALITIES IN HEALTH
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.
• 60120 W 900 - 1200 SRH 3.360 ANGEL, J

GLOBAL POLITICAL ECONOMY
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: Explores how firms can successfully integrate their traditional strategies with non-market strategy in the global arena, including how to successfully engage with international non-market actors su ch as foreign governments, regulators, political parties, NGOs, and the media. Examines the necessary tools to craft successful, integrated firm strategies in diverse institutional and political environments. meets with ECO 395K, BGS 380E.
• 60125 MW 1230 - 200P RRH 3.402 GAWANDE, K

HEALTHCARE BUSINESS ECOSYSTEM
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 MAN 385.
• 60130 MW 1230 - 200P RRH 4.304 LOESCHER, K

PUBL POL LAT AMER/HOUSING
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 SOC 396P (TOPIC 13), CRP 388 (TOPIC 5).
• 60135 M 600 - 900P SRH 3.360 WARD, P

INTERNATL HISTORY SINCE 1898
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.
• 60140 W 900 - 1200 GAR 1.122 SURI, J

INTRO GEOGRAPHIC INFO SYSTEMS
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 GRG 396T.
• 60145 W 600 - 900P SRH 3.124 PAVON, M

INVISIBLE GLOBAL MARKET
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 MKT 382 (TOPIC 34), ADV 391K, ANS 391.
• 60150 TTH 930 - 1100 RRH 4.402 MAHAJAN, V

MATH EDUCATION 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 M 396C.
• 60155 W 200 - 500P RLM 11.176 TREISMAN, P

MILITARY STRATEGY
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.
• 60160 M 600 - 900P SRH 3.355 KUPERMAN, A

POLTCS/ISS CURR ELECTN CYCLE
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.
• 60165 M 200 - 500P SRH 3.355 SMITH, E

ETHICS & INTERNATIONAL AFFAIRS
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.
• 60170 T 200 - 500P SRH 3.124 INBODEN, W

RACE, IMMIGRATION & CITIZENSHP
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 HIS 392.
• 60175 T 900 - 1200 SRH 3.360 DORN, E

SMNR: TECH/LAW/POLCY ISSUES
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. Topic description: Cybersecurity issues at the intersection of technology, law, and public policy. Includes controversies associated with encryption disputes or proposals allowing hack back in response to unauthorize d access. meets with LAW 397S.
• 60180 M 345 - 545P JON 6.207 TAIT, M

STRATEGIC CORP COMMUNICATION
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. Topic description: Studies corporate efforts to inform, motivate, and persuade various constituencies, including investors, employees, communities, and regulators. Includes public relations, investor relations, and g overnment relations. meets with BGS 380C.
• 60185 MW 500 - 630P RRH 5.420 PATTERSON, J

TERROR/CONSENT: CONST/INTL LAW
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 379M.
• 60190 TTH 545 - 800P TNH 2.123 BOBBITT, P

TEXAS LEGISLATIVE PROCESS
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. Topic title: Advanced juvenile and criminal justice policy: The legislative process.
• 60195 F 900 - 1200 SRH 3.350 GREENBERG, S

TERRORISM
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.
• 60200 TH 200 - 500P SRH 3.220 POPE, J

THINK/WRITE/BRIEF INTEL
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.
• 60204 F 900 - 1200 SRH 3.355 KESSLER, A

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.
• 60205 W 900 - 1200 SRH 3.350 EISENMAN, J

DEBATES IN US EDUCATN POLCY
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.
• 60210 F 900 - 1200 SRH 3.219 VON HIPPEL, P

DEEP DIVE:EXPLORING ISSUE ECOS
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.
• 60215 TH 900 - 1200 SRH 3.B7 MORRISON, J

WATER LAW/POLICY 21ST CENT
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 natu-

course unique days time room instructor

ral 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 GEO 391, LAW 376L.
• 60220 TTH 215 - 330P JON 5.206 COHEN, J

WOMEN & CHANGING WORLD OF WORK
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.
• 60225 M 900 - 1200 SRH 3.355 ANGEL, J

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.
• 60230 W 900 - 1200 SRH 3.219 REDEI, L

P A 388L LEADERSHIP LAB
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Topic title: Leadership coaching: Accelerating learning from experience.
• 60235 W 900 - 1200 SRH 3.B7 GARDEN, C
• 60240 TH 900 - 1200 SRH 3.355 GARDEN, C

MOBLZ COMMUN & ENGAGNG VOLS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with CRP 385C, S W 395K.
• 60245 W 200 - 500P SRH 3.220 BIXLER, R

NONPROFIT EVALUATION
Hour(s) to be arranged. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing.
• 60250

PHILANTHROPY AND ORGANIZATIONS
Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. Topic Description: Explores the theoretical roots, strategic frameworks and practical disciplines that have given the idea of philanthropic culture its currency and influence. Examine the connection between the ideal of philanthropic culture and the behaviors that appear to enhance its establishment and impact, paying particular attention will be paid to the linkage between development and fundraising practice and general organi zational culture and behavior.
• 60255 M 600 - 900P SRH 3.212 GLADISH, K

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.
• 60259 W 200 - 500P SRH 3.220 MA, J

SOCIAL ENTREPRENEURSHIP
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Prerequisite: Graduate standing. meets with MAN 385, S W 395K.
• 60260 T 200 - 500P SRH 3.220 THORNBORROW, J

P A 188S 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.
• 60265 STOLP, C

UT INTL 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.
• 60270 TH 515 - 615P POB 2.302 BEACH, F

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.
• 60275
• 60280

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.
• 60285

P A 390C ADVANCED RESEARCH METHODS
Designed to accommodate 35 or fewer students. Study of research methods, with a focus on those needed by doctoral students in public policy. Includes discussions of broad controversies in social science methodology and subjects not commonly covered in other first-year graduate courses. Prerequisite: Graduate standing and consent of the graduate adviser.
• 60290 F 900 - 1200 SRH 3.214 STOLP, C

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.
• 60295

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.
• 60300

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.
• 60305

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.
• 60310 M 900 - 1200 SRH 3.122 GRANOF, M
• 60315 TH 600 - 900P SRH 3.122 LUBY, M

P A 392D THRY & PHILOS OF PUBLIC POL II
Prerequisite: Graduate standing, Public Affairs 392C, and consent of the graduate adviser.
• 60320 T 900 - 1200 SRH 3.220 SPELMAN, W

P A 393H INTERNATIONAL ECONOMICS
Comparative advantage, international trade, international trade institutions, and agreements. Prerequisite: Graduate standing and Public Affairs 393G or 393K.
• 60325 W 900 - 1200 SRH 3.124 GALBRAITH, J
• 60330 T 200 - 500P SRH 3.122 FLAMM, K

P A 393K APPLD MICROECO FOR POLICY ANLY
The use of economic reasoning in the development and implementation of public policy. Prerequisite: Graduate standing.
• 60335 W 200 - 500P SRH 3.219 FLAMM, K

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.
• 60339 T 900 - 1200 SRH 3.219 WONG, P

P A 393L DEVELOPMENT ECONOMICS
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.
• 60340 M 900 - 1200 SRH 3.221 FABREGAS ROBLES GI

ENVIR/RESOURCE ECONOMICS/POL
Designed to accommodate 35 or fewer students. 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.
• 60345 M 900 - 1200 SRH 3.219 OLMSTEAD, S

INEQUALITY/ECONOMIC DEVEL
Designed to accommodate 35 or fewer students. 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: Inequality and economic development.
• 60350 TH 900 - 1200 SRH 3.124 GALBRAITH, J

MTHDS FOR ECO EVAL OF HLTH
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.
• 60355 T 900 - 1200 SRH 3.B7 OLMSTEAD, T

URBAN ECONOMICS AND POLICY
Designed to accommodate 35 or fewer students. 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.
• 60360 M 900 - 1200 SRH 3.360 WAXMAN, A

P A 095 PUBLIC AFFAIRS COLLOQUIUM
Restricted enrollment; contact the department for permission to register for this class. Guest lectures on topics to be announced. Prerequisite: Graduate standing and consent of instructor and the graduate adviser.
• 60365 TH 1215 - 115P SRH 3.122 RAI, V

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.
• 60370

10/11/2018

P A 397C DATA MGMT/RSCH CYCLE NONPROFIT
Designed to accommodate 35 or fewer students. 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.
• 60372 F 1000 - 100P SRH 3.221 MA, J

ECONOMETRICS FOR POLICY ANLY
Designed to accommodate 35 or fewer students. 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. Topic description: Explore qualitative research methods, specialized empirical techniques, and data analysis as used in policy analysis and management.
• 60375 W 900 - 1200 SRH 3.220 STOLP, C

DATA VISUAL/STATS/ECONOMETRICS
Designed to accommodate 35 or fewer students. 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.
• 60380 W 600 - 900P SRH 3.350 FLAMM, K

EVALUATION DESIGN
Designed to accommodate 35 or fewer students. 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.
• 60385 W 200 - 500P SRH 3.355 VON HIPPEL, P

MANAGEMENT SCIENCE
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.
• 60390 W 200 - 500P SRH 3.B7 OLMSTEAD, T

QUAL RSRCH METHS FOR DEVELPMNT
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.
• 60395 TH 900 - 1200 SRH 3.124 MORRISON, J

STATISTICAL ANALYSIS/LEARNING
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. Topic title: Statistical analysis and learning. meets with M E 397, EER 396, INF 397.
• 60400 W 900 - 1200 SRH 3.122 RAI, V

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.
• 60405

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.
• 60410

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.
• 60415

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.
• 60420

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.
• 60425

P A 399W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Public Affairs 399R, 699R, or 999R.
• 60430

P A 699W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Public Affairs 399R, 699R, or 999R.
• 60435

P A 999W DISSERTATION
Offered on the credit/no credit basis only. Prerequisite: Public Affairs 399R, 699R, or 999R.
• 60440

STEVE HICKS SCHOOL OF SOCIAL WORK

Public Safety - PSF
Social Work - S W

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.
• 60495 MW 1100 - 1230P SSW 2.116 WHALLEY, S

INTRO TO SOCL WORK & SOCL WELF
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.
• 60500 TTH 1100 - 1230P SSW 2.130

INTRO TO SOCL WORK & SOCL WELF
Additional hour(s) to be arranged. 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.
• 60505 M 930 - 1230P SSW 2.132 FONG, R

S W 312 GEN S W PRAC: KNOWL/VAL/SKILLS
Designed to accommodate 35 or fewer students. 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.
• 60510 MW 930 - 1100 SSW 2.122
• 60515 TTH 1230 - 200P SSW 2.118 MAGANA, S

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.
• 60520 MW 930 - 1100 SSW 1.212

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.
• 60525 TTH 200 - 330P SSW 1.212 WEBB, D

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.
• 60530 TTH 330 - 500P SSW 1.212

S W 323K SOCIAL WELF PROG, POL, AND ISS
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.
• 60535 TTH 1230 - 200P SSW 1.214 SULLIVAN, J

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.
• 60540 TTH 200 - 330P SSW 2.130 AMBROSINO, R

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.
• 60545 TTH 930 - 1100 SSW 1.214 RHODES, D

FOUNDATIONS OF SOCIAL JUSTICE
Designed to accommodate 35 or fewer students. 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.
• 60550 MW 1100 - 1230P SSW 1.212 BECK, N

FOUNDATNS OF SOCIAL JUSTICE-WB
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.
• 60555 HOUGH, C

S W 327 HUMAN BEHAV & SOCIAL ENVIR
Laboratory hour(s) to be arranged. 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, ad-

10/11/2018

course	unique	days	time	room	instructor

mission to the major in social work; for others, upper-division standing. same as URB 354 (TOPIC 10).

• 60560	MW	930 - 1100	SSW 2.130	O'GARA, J
• 60565	MW	1100 - 1230P	SSW 2.122	

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.

• 60570	MW	900 - 1030	SSW 2.116	DE LUCA, S
• 60575	TTH	1100 - 1230P	SSW 2.116	DE LUCA, S

S W 333 SOCL WORK PRACTICE WITH GROUPS

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.

• 60580	TTH	930 - 1100	SSW 2.116	HAI, H

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.

• 60585	MW	230 - 400P	SSW 2.116	WHALLEY, S

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.

• 60590	TTH	1230 - 200P	SSW 2.116	BEVERLY, H
• 60595	MW	400 - 530P	SSW 2.132	RHODES, D

S W 640 SOCIAL WORK PRACTICUM I

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.

• 60600

S W 641 SOCL WORK PRACTICUM II

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.

• 60605

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.

• 60610	T	300 - 700P	SSW 2.116	ASSEFF, J
• 60615	T	300 - 700P	SSW 2.118	
• 60620	T	530 - 930P	SSW 2.112	MULVANEY, M

S W 350 SPEC TPCS IN GENERALIST SOC WK

Hour(s) to be arranged. May be repeated for credit. Prerequisite: Upper-division standing.

• 60625

S W 360K AUTISM & SW PRACTICE

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.

• 60630	W	530 - 830P	SSW 2.116	MAGANA, S

BRIDGING COMMUN THRU SRVC LRNG

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.

• 60635	M	300 - 600P		SHAH, S

COMMUNITY/SOCIAL DEVEL-GHA

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. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 28-June 21. Taught in Accra, Ghana. Students must consult with Study Abroad Prog ram Coordinator as travel and orientation dates may be in addition to these dates. meets with AFR 374C, WGS 340.

• 60640				JONES, J

DEATH/DYNG/PRACTNER RESILNCE

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.

• 60645	W	530 - 830P	SSW 1.212	SPARKS, D

LGBTQ OPPRESSION: DIALOG

Laboratory 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. meets with WGS 335 (TOPIC 2), T D 357T.

• 60650	W	300 - 600P	PAR 204	NGUYEN, Q
	M	300 - 600P	PAR 105	

SOC CONSTRUCTION OF DISABIL-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 18).

• 60655				LEWIS, E

SPCL HLTHCRE YOUTH PRAC/POL

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. Topic title: Transition of youth with special healthcare needs in practice and policy. meets with S W 395K.

• 60660	TH	230 - 530P	SSW 2.132	KOCH, K

WOMEN WITH DISABILITIES-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.

• 60665				LEWIS, E

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.

• 60670	M	530 - 830P	SSW 2.132	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.

• 60675	M	100 - 400P	SSW 2.132	CAVAZOS, E

10-METHODS PLAY INTERVENTION

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: Methods of Play Intervention) and 360K, 460K (Topic 10) may not both be counted. Prerequisite: Varies with the topic. meets with S W 393R (TOPIC 20).

• 60680	T	530 - 830P	SSW 2.122	SEPP, J

13-S W IN SCHOOL SETTING

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 in the School Setting) and 360K, 460K (Topic 13) may not both be counted. Prerequisite: Varies with the topic. meets with S W 387R (TOPIC 22).

• 60685	M	530 - 830P	SSW 2.130	JONES, D

15-YOUTH/DELINQNCY/JUV JUSTICE

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: Youth, Delinquency, and Juvenile Justices) and 360K, 460K (Topic 15) may not both be counted. Prerequisite: Varies with the topic. meets with S W 393U (TOPIC 26).

• 60690	W	530 - 830P	SSW 2.118	MACKALL, A

S W 460K 16-ROOT SOC/ECON JSTC-GBR

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. Social Work 360K (Topic: Roots of Social and Economic Justice: An International Perspective) and 360K, 460K (Topic 16) may not both be counted. Prerequisite: Varies with the topic. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 12. Taught in London, England. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates. meets with WGS 441.

• 60695				ANDERSON, B

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.

• 60700	M	530 - 830P	SSW 2.122	GILL, E

S W 382R SOCL POLICY ANLY & SOCL PROBS

Historical perspective on the development of social welfare institutions, programs, and policies. Students study methods of current policy analysis and evaluation of social problems. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.

• 60705	W	230 - 530P	SSW 2.118	DINITTO, D
• 60710	TH	230 - 530P	SSW 2.118	VOHRA, S

SOCL POLICY ANLY & SOCL PROBS
Designed to accommodate 35 or fewer students. Historical perspective on the development of social welfare institutions, programs, and policies. Students study methods of current policy analysis and evaluation of social problems. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 60715 M 530 - 830P SSW 2.118 PLAZA, R

SOCL POLICY ANLY & SOCL PROBS
Historical perspective on the development of social welfare institutions, programs, and policies. Students study methods of current policy analysis and evaluation of social problems. Prerequisite: Graduate standing in social work, or graduate standing and consent of instructor or the graduate adviser.
• 60720 T 530 - 830P SSW 2.118 ROUNTREE, M

S W 383T SOCIAL WORK PRACTICE II
Students examine, critique, select, and apply social work micro, mezzo, and macro theories and methods in advanced clinical and community practice. Prerequisite: Graduate standing in social work and concurrent enrollment in Social Work 384S, or graduate standing and consent of instructor or the graduate adviser.
• 60725 W 830 - 1130 SSW 2.112 LINSEISEN, T

SOCIAL WORK PRACTICE II
Designed to accommodate 35 or fewer students. Students examine, critique, select, and apply social work micro, mezzo, and macro theories and methods in advanced clinical and community practice. Prerequisite: Graduate standing in social work and concurrent enrollment in Social Work 384S, or graduate standing and consent of instructor or the graduate adviser.
• 60730 W 830 - 1130 SSW 2.118 SIMMONS, S

SOCIAL WORK PRACTICE II
Students examine, critique, select, and apply social work micro, mezzo, and macro theories and methods in advanced clinical and community practice. Prerequisite: Graduate standing in social work and concurrent enrollment in Social Work 384S, or graduate standing and consent of instructor or the graduate adviser.
• 60735 W 830 - 1130 SSW 2.132 SLOAN, S
• 60740 TH 830 - 1130 SSW 2.112 SMITH, R
• 60745 TH 830 - 1130 SSW 2.132 LUNSFORD CALBOW, E
• 60750 TH 430 - 730P SSW 2.112 BEER, M

S W 384S FIELD INSTRUCTION II
Additional hour(s) to be arranged. Continuation of Social Work 384R. Sixteen to twenty hours a week (a total of at least 240 hours) in field placement and a weekly one-hour integrative seminar that emphasizes advanced application of theory to practice and to consideration of special issues. Social Work 384R and 384S must be taken in consecutive semesters. Prerequisite: Graduate standing in social work and concurrent enrollmentin Social Work 383T, or graduate standing and consent of the field director or the graduate adviser.
• 60755 W 1130 - 1230P SSW 2.112

FIELD INSTRUCTION II
Designed to accommodate 35 or fewer students. Additional hour(s) to be arranged. Continuation of Social Work 384R. Sixteen to twenty hours a week (a total of at least 240 hours) in field placement and a weekly one-hour integrative seminar that emphasizes advanced application of theory to practice and to consideration of special issues. Social Work 384R and 384S must be taken in consecutive semesters. Prerequisite: Graduate standing in social work and concurrent enrollmentin Social Work 383T, or graduate standing and consent of the field director or the graduate adviser.
• 60760 W 1130 - 1230P SSW 2.118

FIELD INSTRUCTION II
Additional hour(s) to be arranged. Continuation of Social Work 384R. Sixteen to twenty hours a week (a total of at least 240 hours) in field placement and a weekly one-hour integrative seminar that emphasizes advanced application of theory to practice and to consideration of special issues. Social Work 384R and 384S must be taken in consecutive semesters. Prerequisite: Graduate standing in social work and concurrent enrollmentin Social Work 383T, or graduate standing and consent of the field director or the graduate adviser.
• 60765 W 1130 - 1230P SSW 2.132
• 60770 TH 1130 - 1230P SSW 2.112
• 60775 TH 1130 - 1230P SSW 2.132
• 60780 TH 730 - 830P SSW 2.112

S W 385R SOCIAL WORK RESEARCH METHODS
Study of the scientific method and the use of research as a tool for professional practice. Prerequisite: Graduate standing in social work, or graduate standing andconsent of instructor or the graduate adviser.
• 60785 T 830 - 1130 SSW 2.122 WHITT, A
• 60790 M 1130 - 230P SSW 2.118 GULBAS, L
• 60795 W 530 - 830P SSW 2.122 WHITT, A

SOCIAL WORK RESEARCH METHODS
Designed to accommodate 35 or fewer students. Study of the scientific method and the use of research as a tool for professional practice. Prerequisite: Graduate standing in social work, or graduate standing andconsent of instructor or the graduate adviser.
• 60800 TH 530 - 830P SSW 2.118 CONWAY, F

S W 385T ADV INT CAPS S W KNOWL/PRAC-WB
Hour(s) to be arranged. Applies knowledge, skills, and theories to values and ethics, diversity, populations at risk, social and economic justice, human behavior and the social environment, social welfare policy, social work practice, research, and field education. Designed to be taken concurrently with Social Work 694R. Prerequisite: Graduate standing. Taught as a Web-based course.
• 60805 POTTS, S
• 60810 MCCAFFERTY, S

ADV INTEG CAPS KNOWL/PRAC-CLIN
Applies knowledge, skills, and theories to values and ethics, diversity, populations at risk, social and economic justice, human behavior and the social environment, social welfare policy, social work practice, research, and field education. Designed to be taken concurrently with Social Work 694R. Prerequisite: Graduate standing. Restricted to Clinical Social Work Concentration students.
• 60815 F 830 - 1130 SSW 2.116 SUDOLSKY, M
• 60820 T 530 - 830P SSW 2.130 NOWICKI, J
• 60825 W 530 - 830P SSW 2.112 WINSTON, C
• 60830 W 530 - 830P SSW 2.132 SUDOLSKY, M

ADV INTEG CAPS KNOWL/PRAC-CLIN
Designed to accommodate 35 or fewer students. Applies knowledge, skills, and theories to values and ethics, diversity, populations at risk, social and economic justice, human behavior and the social environment, social welfare policy, social work practice, research, and field education. Designed to be taken concurrently with Social Work 694R. Prerequisite: Graduate standing. Restricted to Clinical Social Work Concentration students.
• 60835 TH 530 - 830P SSW 2.116 MCCAFFERTY, S

ADV INTEG CAPS S W KNOWL/PRAC
Applies knowledge, skills, and theories to values and ethics, diversity, populations at risk, social and economic justice, human behavior and the social environment, social welfare policy, social work practice, research, and field education. Designed to be taken concurrently with Social Work 694R. Prerequisite: Graduate standing. Restricted to Community and Administrative Leadership Concentration students.
• 60840 T 530 - 830P SSW 1.212 STREETER, C

S W 387R 1-LOSS/GRIEF: INDIV/FAM PERSP
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.
• 60845 M 230 - 530P SSW 2.122 SPALDING, E

18-SOCL CONTRUCTN OF DISABL-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.
• 60850 LEWIS, E

22-SOCL WORK IN SCHOOL SETTING
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 13).
• 60855 M 530 - 830P SSW 2.130 JONES, D

27-WOMEN WITH DISABILITIES
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. Partially taught as a Web-based course.
• 60860 LEWIS, E

S W 388R 2-RESEARCH METHODS II
Course number may be repeated for credit when the topics vary. Designed to provide students with the knowledge and competence needed tosuccessfully design, conduct and publish quantitative studies in peer-reviewed journals. Designed to be concrete and to use a "hands-on" approach to gaining mastery over the technical, narrative, and strategicelements of conducting original research with quantitative data. Prerequisite: Graduate standing in social work and consent of instructor and the graduate adviser.
• 60865 TH 900 - 1200 SSW 2.122 VON STERNBERG, K

3-RESEARCH METHODS III
Course number may be repeated for credit when the topics vary. Introduction to qualitative research methodologies, paradigms, epistemologies, and theories. Qualitative methods of inquiry, including research designs, specific data collection methods, and analytic and interpretive procedures. Discussion of several approaches to qualitative data collection and analysis. Required of all doctoral students in social work. Prerequisite: Graduate standing in social work and consent of instructor and the graduate adviser.
• 60870 T 830 - 1130 SSW 2.140 ARMOUR, M

8-ADVANCED QUAL DATA ANALYSIS
Course number may be repeated for credit when the topics vary. An elective course for doctoral students who want additional training in qualitative methods. Focus on the epistemological and practical issues of analyzing qualitative data and writing up the results. Students must have access to pre-collected data for analysis or consult with instructor about a suitable project. May be used to fulfill the advanced research or statistical methods elective requirement. Restricted to doctoral students. Prerequisite: Graduate standing in social work and consent of instructor and the graduate adviser. Additional prerequisite: Consent of instructor.
• 60875 TH 900 - 1200 SSW 2.118 GULBAS, L

11-QUANT DATA ANALYSIS II
Course number may be repeated for credit when the topics vary. Builds on the concepts and procedures introduced in Social Work (Topic 10). Designed to enable students to do a more thorough job of data analysis by introducing multivariate statistical

procedures into their repertoire of statistical techniques. The primary focus is on using the SPSS statistical package for calculating multivariate statistics, and the utilization of the statistical output in research findings. Social Work 388R (Topic 7) and 388R (Topic 11) may not both be counted. Prerequisite: Graduate standing in social work and consent of instructor and the graduate adviser.
• 60880 W 230 - 530P SSW 2.140 CASTRO, Y

12-HIERARCHICAL LINEAR MODLNG
Designed to accommodate 35 or fewer students. Course number may be repeated for credit when the topics vary. Provides an introduction to the basic concepts and applications of Hierarchical Linear Modeling (HLM). Subjects will include multilevel data structures, model building and testing, fixed and random effects, and interpretation of results. Social Work 388R (Topic 12) and 395K (Topic: Hierarchical Linear 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: Regression analysis using SAS; a pre-test to demonstrate SAS knowledge may be required; and for non-social work majors, graduate standing and consent of instructor.
• 60884 T 830 - 1130 SSW 1.214 CUBBIN, C

S W 393R 1-CLIN ASSMT AND DIFFEREN DIAG
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.
• 60885 M 230 - 530P SSW 2.118 HERNANDEZ, M
• 60890 T 230 - 530P SSW 2.132 POMEROY, E
• 60895 W 230 - 530P SSW 2.112 POMEROY, E

1-CLIN ASSMT AND DIFFEREN DIAG
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.
• 60900 TH 530 - 830P SSW 2.122 KASSLER, D

20-METHS OF PLAY INTERVENTION
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 10).
• 60905 T 530 - 830P SSW 2.122 SEPP, J

S W 393T 16-S W LDRSHP IN HUMAN SRV SYS
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.
• 60910 M 530 - 830P SSW 2.112

S W 393U 18-RESTORATIVE 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. Class meets January 25-February 23. meets with LAW 379M.
• 60915 F 530 - 830P SSW 2.122 ARMOUR, M
S 900 - 530P SSW 2.122

22-CONTEMP ISS DOMESTIC VIOL
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. Class meets January 25-February 23.
• 60920 F 530 - 830P SSW 2.132 BUSCH-ARMENDARIZ
S 900 - 530P SSW 2.132

26-YOUTH, DELINQ, JUV JUSTICE
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. meets with S W 360K (TOPIC 15).
• 60925 W 530 - 830P SSW 2.118 MACKALL, A

S W 694R ADV FIELD INSTRUCTION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised practicum, building on Social Work 384R and 384S, in the continued application of theory to practice at an advanced level within the student's chosen concentration. Designed to be taken concurrently with Social Work 385T. Social Work 694R and 394S can be taken concurrently in one semester to provide thirty-six hours of work a week (a total of at least 540 hours in one semester) in a social work agency or organization, or they can be taken over two semesters to provide sixteen to twenty hours of work a week (a total of at least 540 hours in two semesters) in the same agency. Prerequisite: Graduate standing in social work, consent of field director, and consent of graduate adviser.
• 60930

ADV FIELD INSTRUCTION-TIER 5 fee: $1500.00
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised practicum, building on Social Work 384R and 384S, in the continued application of theory to practice at an advanced level within the student's chosen concentration. Designed to be taken concurrently with Social Work 385T. Social Work 694R and 394S can be taken concurrently in one semester to provide thirty-six hours of work a week (a total of at least 540 hours in one semester) in a social work agency or organization, or they can be taken over two semesters to provide sixteen to twenty hours of work a week (a total of at least 540 hours in two semesters) in the same agency. Prerequisite: Graduate standing in social work, consent of field director, and consent of graduate adviser. Restricted to Tier 5 students.
• 60935

S W 394S ADV FIELD INSTRUCTION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Supervised practicum, building on Social Work 384R and 384S, in the continued application of theory to practice at an advanced level within the student's chosen concentration. Social Work 694R and 394S can be taken concurrently in one semester to provide thirty-six hours of work a week (a total of at least 540 hours in one semester) in a social work agency or organization, or they can be taken over two semesters to provide sixteen to twenty hours of work a week (a total of at least 540 hours in two semesters) in the same agency. Prerequisite: Graduate standing in social work, consent of field director, and consent of graduate adviser.
• 60940

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.
• 60943

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.
• 60944

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.
• 60945

S W 195K ISS IN SOCL WORK EDUC AND RSCH
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.
• 60950 W 1130 - 1230P SSW 2.130 FRANKLIN, C

S W 395K LEADERSHIP TRAINING: AUTISM
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.
• 60955 W 530 - 830P SSW 2.116 MAGANA, S

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.
• 60960

GRANT WRITING FOR SOCIAL SCI
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 HDF 394.
• 60965 TH 100 - 400P SEA 2.406 GERSHOFF, E

HIERARCHICAL LINEAR MODELING
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.
• 60970 T 830 - 1130 SSW 1.214 CUBBIN, C

MINDFULNESS AND SOC WORK PRACT
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.
• 60975 M 530 - 830P SSW 2.116 MONTGOMERY, A

MOBILIZ COMMUN & ENGAGING VOLS
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 CRP 385C, P A 388L.
• 60980 W 200 - 500P SRH 3.220 BIXLER, R

RACE/ETHNICITY/GENDER POLICIES
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 WGS 393, AFR 380D, P A 387K.
• 60985 W 1100 - 200P GWB 1.130 REED, N

SMNR: CRIME AND PUNISHMENT
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 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 LAW 397S.
• 60989 W 345 - 545P JON 6.203 HENDERSON, S

SMNR: HEALTH JUSTICE/MED-LGL
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 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 LAW 397S.
• 60990 T 345 - 545P TNH 3.128 SAGE, W

SOCIAL ENTREPRENEURSHIP
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 MAN 385, P A 388L.
• 60995 T 200 - 500P SRH 3.220 THORNBORROW, J

SPCL HLTHCRE YOUTH PRAC/POL
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. Topic title: Transition of youth with special healthcare needs in practice and policy. meets with S W 360K.
• 61000 TH 230 - 530P SSW 2.132 KOCH, K

SPECIALIZATION AREA SEMINAR
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.
• 61005 T 1130 - 230P SSW 2.122 DINITTO, D

S W 495K ROOTS OF SOCL/ECON JUSTICE-GBR
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. Restricted to students in the Maymester Abroad Program; contact Study Abroad for permission to register for this class. Class meets May 26-July 12. Taught in London, England. Students must consult with Study Abroad P rogram Coordinator as travel and orientation dates may be in addition to these dates.
• 61010 ANDERSON, B

S W 395S AREA OF SPECIALIZATION COURSE
Designed to accommodate 35 or fewer students. Offered on the credit/no credit basis only. Designed to help students demonstrate knowledge in the substantive issues, key research questions, theory, empirical evidence, and implications in their area of specialization. Prerequisite: Graduate standing and consent of instructor.
• 61013 T 1130 - 230P SSW 2.122 DINITTO, D

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.
• 61014

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.
• 61015

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.
• 61020

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.
• 61025

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.
• 61030

S W 399W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Social Work 399R, 699R, or 999R.
• 61035

S W 699W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Social Work 399R, 699R, or 999R.
• 61040

S W 999W DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Social Work 399R, 699R, or 999R.
• 61045

draft 1/2018

SCHOOL OF UNDERGRADUATE STUDIES

Bridging Disciplines - BDP
Undergraduate Studies - UGS

BDP 101 CHILDREN AND SOCIETY
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 January 23-March 13.
• 61100 W 100 - 300P SEA 3.250 ECHOLS, C

ENVIR CHANGE & SUSTAINABILITY
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 January 24-March 14.
• 61105 TH 330 - 530P JGB 3.222 BELL, C

EXPLORING DIGITAL ART & MEDIA
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 January 23 - March 13
• 61110 W 400 - 600P MRH 2.634 BOYLE, C

HUMAN RIGHTS & SOCIAL JUSTICE
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 January 28-March 25.
• 61115 M 200 - 400P FAC 4 CONS, J

INTRO CONFL RES/PEACE STUDIES
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 January 28-March 25.
• 61120 M 300 - 500P MAI 220D MAXWELL, M

INTRO TO MUSEUM STUDIES
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 January 23-February 13.
• 61125 W 300 - 500P MAI 220A STRONG, P

INTRO TO THE NONPROFIT WORLD
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 January 22-March 12.
• 61130 T 330 - 530P SSW 2.106 STREETER, C

PATIENTS/PRAC/CUL OF CARE
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 January 22-March 12.
• 61134 T 100 - 300P SUT 3.112 SONNENBERG, S

SOCIAL INEQUAL, HLTH, & POLICY
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 January 28-March 25.
• 61135 M 1200 - 200P FAC 4 LOVE, B

BDP 319 HUMAN RIGHTS: THEORIES/PRACS
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. meets with GOV 314 (TOPIC 9).
• 61140 TTH 1100 - 1230P PAR 304 BROWNLEE, J

BDP 320K CONNECTING RSRCH EXPERIENCE
Hour(s) to be arranged. May be repeated for credit. Restricted to students in the Bridging Disciplines Programs.
• 61145

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.
• 61150

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.
• 61155

UGS 302 ART, CRITICISM, AND SOCIETY
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 interdisciplinary of art and its value to society.
• 61210 TTH 1100 - 1230P MAI 220C STROUD, S

AUTOIMMUNE DISEASE
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: Introduces students to scientific principles and medical diagnostics related to autoimmune diseases affecting the nervous system. The focus on the nervous system is provided as a learning tool to u nderstand diagnostic criteria for disease classification, new imaging technologies and treatment modalities that are being developed to manage disease progression.
• 61215 TTH 930 - 1100 WEL 2.140 KORNGUTH, S

BOB DYLAN/SOCIO HIST IMAGINATN
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: Bob Dylan and Social-Historical Imagination. Topic Description: Investigate how human cultures and societies can suppress critical commentary, yet tolerate social criticism from songs and poetic traditio ns, through the work of Bob Dylan.
• 61220 TTH 930 - 1100 MAI 220D PALAIMA, T

BOOK IN A DIGITAL AGE
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: Develop the skills required to utilize books and digital resources for learning and research.
• 61225 TTH 1230 - 200P MAI 220C WINSHIP, M

BRITISH POP MUSIC 1956-2006
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 history of British popular music from the birth of ersatz rock and roll in England in 1956 through the vogue for garage rock at the beginning of the new millennium.
• 61230 TTH 1230 - 200P RLP 0.108 NEHRING, N

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 through fiction, memoir, and film.
• 61235 TTH 330 - 500P HENKEL, J

CARING FOR THE ELDERLY
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: Discussions include caregiving, communication, housing, legal/financial matters, and end of life. Restricted to first-year transfer students.
• 61240 TTH 930 - 1100 PHR 2.214 TEMPLE, H

CULTURE OF PATIENT SAFETY

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 individual, community and system conditions that impact the quality and safety of health care people receive.
• 61245 TTH 930 - 1100 PHR 3.110 YOUNG, V

DD:SEXL VIOLNC ACROSS MEX CULS

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: Difficult dialogues: Sexual violence across Mexican cultures. Topic description: Examines different forms and expressions of sexual violence (such as rape of women and children, sexual harassment of immi grant men, among others) within and across Mexican cultures, these include Mexican American territories and communities as well as Mexican society. Restricted to first-year transfer students.
• 61250 MW 1230 - 200P MAI 220D GONZALEZ-LOPEZ, G

DESIGN FOR SOCIAL INNOVATION

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 design thinking and creative problem-solving in the context of social issues.
• 61255 MW 200 - 330P DFA 4.112 PARK, J

DIFF DIALOG: PARTCPTRY DEMCRCY

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.
• 61260 M 100 - 400P MAI 220A WILSON, P

DIGITAL MEDIA TECH & LEARNING

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: Addresses four main issues: how we live with digital media technologies, how we play with them, how we communicate with them, and most importantly how we can learn with them. Introduces using digit al media tools to create applications.
• 61265 W 100 - 400P SZB 240 LIU, M

EDUCATION AND BLACK 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: Education depends not just upon broad teaching and learning, but also understanding the circumstances of different groups. The Black experience with education is rich, powerful, and largely unappre ciated. Dives into the history and contemporary realities surrounding the education of people of African descent in the United States.
• 61270 MWF 1000 - 1100 CMA 5.190 FOSTER, K

ENRICHED READING: ORHAN PAMUK

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: Analyze a contemporary literary master, and his treatment of the Ottoman Empire culture to promote a better understanding of the Arab world, and Islamic culture.
• 61275 MWF 400 - 500P MAI 220F DOHERTY, B

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: Course explores emotional disorders and mental illness including destigmatizing emotional disorders to critically discern fact from fiction in films and literature.
• 61280 TH 230 - 530P MAI 220A POMEROY, E

FAN MAIL, HATERS, AND 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 title: Fan Mail, Haters, and the Literary in What We Love to Hate. Topic Description: Explores the reader's response on how we understand literature in a culture, especially in the digital age.
• 61285 TTH 1230 - 200P MAI 220B CLEMENT, T

FINDING YOUR PATH

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: Examines mindfulness and synchronicity as strategies for pursuing personal and societal well-being in rapidly changing, uncertain times.
• 61290 TTH 800 - 930 MAI 220B GREEN, P

GLOBAL INDIGENOUS 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: Explores similarities and differences of native cultures through research of various areas with an emphasis on those in Texas.
• 61295 TTH 200 - 330P WAG 208 MCDONOUGH, K

HOW TO CHANGE THE WORLD

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: Challenge students to become advocates for the causes they care about, and to view themselves as active agents of social change. Explores the moral responsibility to speak up when we see unfairness and giving voice to people who are victims of oppression and social injustice.
• 61300 TTH 330 - 500P SSW 2.130 PADILLA, Y

IMMIGRATION POL IMPACTS IN US

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: Immigration policy impacts in U.S. society. Topic description: Explore contemporary immigration conditions and policy impacts, including conditions and impacts in home countries abroad.
• 61305 TTH 1100 - 1230P RLP 0.120 RODRIGUEZ, N

INDEPENDENT AMERICAN CINEMA

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: Examines different forms of independent cinema from the 1950s to the present day, attending to how changing structures in the film industry influenced competing ideologies of cinematic independence .
• 61309 TTH 330 - 500P BUR 128 MALCIC, S

INTEREST IN LEARNING AND 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 Description: Explore aspects of positive psychology, including interest, motivation, optimal experience, and happiness.

• 61310 TTH 930 - 1100 MAI 220C WORTHY, M

LEADRSHP IN COMPLEX ORGANZTNS

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 lessons on leadership through classic books on the subject. Restricted to first-year transfer students.

• 61315 TTH 1100 - 1230P MAI 220D CUNNINGHAM, W

LIFE CHANGE THROUGH TRAVEL

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 travel can have a profound effect on a person's outlook about himself/herself, and about others who differ along a range of dimensions.

• 61320 TTH 1100 - 1230P MAI 220B PATTON, J

MODERN SAVAGES

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 significant influence of nineteenth-century cultural ideas and fascination with the idea of the noble savage, primitive, pre, or non-rational 'other' as it relates to modern Western cul ture.

• 61325 TTH 330 - 500P BUR 228 PETROV, P

NEW WORLD/OLD WORLD ENCOUNTERS

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 and contrast art, architecture, and visual culture of the Renaissance in the Old World and the Aztec Empire in the New World. Study points of commonality and also examine them as points of departure, analyzing the ways in which these concepts were uniquely developed on opposite sides of the Atlantic.

• 61330 TTH 1230 - 200P ART 3.432 GUERNSEY, J

NOSTALGIA AND POPULAR CULTURE

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 history of Eastern Europe through the lens of nostalgia and popular culture.

• 61335 MWF 1100 - 1200 MAI 220F BERONJA, V

NOVEL ADAPTATIONS AS SIGNS

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: Novel adaptations as signs of our times. Topic description: Examines twenty-first-century adaptations of two classic novels, "Dracula" and "Pride and Prejudice," to see what they reveal about our contem porary culture. These adaptations have appeared in a variety of forms, including film, graphic novels, comic books, fan fiction, television series, and Web shows.

• 61340 TTH 200 - 330P MEZ B0.302 FERREIRA-BUCKLEY

RACE REP. OF AFRICAN AMERICANS

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: Analyze socially constructed representations of African Americans.

• 61345 W 1000 - 100P CAL 22 BROWN, A

REEL POLITICS IN FILM, TV, 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: Examines how political views are impacted by popular culture.

• 61350 T 200 - 500P CMA 6.172 STEKLER, P

RESEARCH REALITIES

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 inter-dependencies that span the many disciplines and professions required to conduct biomedical research and clinical trials

• 61355 MWF 1000 - 1100 NUR 5.176 DANESH, V

SCIENCE AND DIPLOMACY

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 role of science in international diplomacy, the role of scientists and engineers in a diplomatic context, and the practice and consequence of negotiations in a number of real-life situa tions.

• 61360 TTH 930 - 1100 MAI 220B ORBACH, R

SEX IN THE EUROPEAN NOVEL

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: Sexualities in the European novel, 1800-1925. Topic description: Investigate the origin of new gender roles through the study of important nineteenth, and early twentieth century novels from European cul ture.

• 61365 TTH 1230 - 200P BUR 234 WILKINSON, L

SOCIAL INEQUALITY & 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 education can either alleviate or perpetuate social inequality.

• 61370 W 200 - 500P MAI 220B MARTELETO, L

SONGWRITING: A TEXAS TRADITION

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: Follows Texas songwriting tradition by studying Texas songwriters such as Townes Van Zandt, Guy Clark, Robert Earl Keen, and Nanci Griffith and how they shaped their art on their own terms rather t han fitting the demands of Nashville, New York, or Los Angeles. Students will write songs of their own. Some musical ability is helpful although not required. Students will perform their songs for the class.

• 61375 MW 300 - 430P MAI 220C MOORE, O

SUSTAINABLE FUTURES

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: Toward a sustainable future for planet Earth. Topic description: Discuss what is necessary to sustain a healthy and prosperous global society. Explore the ecological systems vie of sustainability through four major themes: energy, materials, food and water.

• 61380 TH 300 - 600P MAI 220B KEITT, T

TANGO!

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: Analyze the tango (as music, dance, and lyrics) from its origins in nineteenth-century Buenos Aires to the present, in local and global contexts, and from several perspectives.

• 61385	MWF	900 - 1000	MRH 2.604	TURCI, J

TEACHERS IN POPULAR CULTURE

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: Examines representations of teachers and teaching that are found in popular culture, with specific attention placed on how these representations shift and change in relation to space, time and soci ocultural context.

• 61390	M	900 - 1200	SZB 526	BROWN, K

THE ART OF BEING HUMAN

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 individuals create a meaningful and happy existence.

• 61395	W	900 - 1200	MAI 220A	SPRINGER, D

THE LITERATURE OF TRAVEL

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 differences between a traveler and a tourist in literature.

• 61400	MWF	900 - 1000	PAR 310	HEINZELMAN, K

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 the complex and continuous ways that the legacies of colonial empire, and antiquarianism, influence contemporary archaeology, museum practices, and international heritage management.

• 61405	MW	200 - 330P	PAR 305	COVEY, R

YOUNG PEOPLE AND DRUGS

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 physiological, psycho-social, and cultural aspects of psychoactive substances in relation to adolescents, particularly those at high risk.

• 61410	M	1100 - 100P	MAI 220E	HOLLERAN, L
	W	1100 - 1200	MAI 220E	

ZINES & DIY PUBLISHING

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 history of publishing and the revival of zines.

• 61415	MW	1100 - 1230P	CBA 4.342	URBAN, J

UGS 303 ART, (YOUR) MONEY, AND NATION

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 contemporary American society regards its arts, and the cultural programming of music, visual arts, theater, dance, performance, and other forms of folk and traditional arts, and asks w hat costs and benefits result from the complex systems of trade and exchange that support the arts.

• 61420	TTH	1100 - 1230P	ART 1.120	BONIN, P
	F	1100 - 1200	GDC 2.402	
• 61425	TTH	1100 - 1230P	ART 1.120	BONIN, P
	F	1200 - 100P	GDC 2.402	
• 61430	TTH	1100 - 1230P	ART 1.120	BONIN, P
	F	200 - 300P	GDC 2.402	
• 61435	TTH	1100 - 1230P	ART 1.120	BONIN, P
	F	300 - 400P	GDC 2.402	

CINEMA OF BLACK PROTEST

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 black histories of protest in conjunction with the history of black representation in film.

• 61440	MW	1000 - 1100	WAG 101	RICHARDSON, M
	F	900 - 1000	CAL 21	
• 61445	MW	1000 - 1100	WAG 101	RICHARDSON, M
	F	1000 - 1100	CAL 21	
• 61450	MW	1000 - 1100	WAG 101	RICHARDSON, M
	F	1100 - 1200	CAL 21	
• 61455	MW	1000 - 1100	WAG 101	RICHARDSON, M
	TH	100 - 200P	MAI 220D	
• 61460	MW	1000 - 1100	WAG 101	RICHARDSON, M
	TH	200 - 300P	MAI 220D	
• 61465	MW	1000 - 1100	WAG 101	RICHARDSON, M
	TH	300 - 400P	MAI 220D	

CLOTHING, COSTUME, CULTURE

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 psychology and philosophy of clothing and costume as a cultural definition.

• 61470	TTH	930 - 1100	UTC 1.118	MICKEY, S
	M	800 - 900	MAI 220A	
• 61475	TTH	930 - 1100	UTC 1.118	MICKEY, S
	M	900 - 1000	MAI 220A	
• 61480	TTH	930 - 1100	UTC 1.118	MICKEY, S
	M	1000 - 1100	MAI 220A	

CREATIVE PROBLEM SOLVING

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: Americans who want to lead rich, contributing lives and find stimulating, productive jobs in the twenty-first century will need to have excellent skills in creative problem solving. Aims at helping students learn such skills and develop lifestyles that optimize creative thinking and action.

• 61485	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	200 - 300P	MAI 220A	
• 61490	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	200 - 300P	MAI 220B	
• 61495	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	200 - 300P	MAI 220C	
• 61500	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	200 - 300P	MAI 220D	
• 61505	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	200 - 300P	MAI 220E	
• 61510	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	300 - 400P	MAI 220A	
• 61515	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	300 - 400P	MAI 220B	
• 61520	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	300 - 400P	MAI 220C	
• 61525	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	300 - 400P	MAI 220D	
• 61530	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	300 - 400P	MAI 220E	
• 61535	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	400 - 500P	MAI 220A	
• 61540	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	400 - 500P	MAI 220B	
• 61545	TTH	930 - 1100	HRH 2.104	SPECK, L
	T	400 - 500P	MAI 220C	

course	unique	days	time	room	instructor
	• 61550	TTH	930 - 1100	HRH 2.104	SPECK, L
		T	400 - 500P	MAI 220D	
	• 61555	TTH	930 - 1100	HRH 2.104	SPECK, L
		T	400 - 500P	MAI 220E	

CULTURAL ISSUES WITH LAT AM

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: Recognizing culturally distinct activities and resolving cultural dilemmas by drawing from the positive aspects of these differences.

course	unique	days	time	room	instructor
	• 61560	TTH	200 - 330P	SZB 330	KELM, O
		F	200 - 300P	MAI 220E	
	• 61565	TTH	200 - 330P	SZB 330	KELM, O
		F	300 - 400P	MAI 220E	
	• 61570	TTH	200 - 330P	SZB 330	KELM, O
		F	400 - 500P	MAI 220E	

DANTE'S HELL AND ITS AFTERLIFE

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: Dante Alighieri created the most powerful and enduring vision of the underworld as a place of eternal punishment for lost souls in the afterlife. Danteworlds, an award-winning website created at th e University, portrays infernal creatures and scenes and explains the medieval poem's vast array of references to religion, philosophy, history, politics, and other works of literature.

course	unique	days	time	room	instructor
	• 61575	TTH	1100 - 1230P	PAR 201	RAFFA, G
		M	800 - 900	MAI 220D	
	• 61580	TTH	1100 - 1230P	PAR 201	RAFFA, G
		M	900 - 1000	MAI 220D	
	• 61585	TTH	1100 - 1230P	PAR 201	RAFFA, G
		M	1000 - 1100	MAI 220D	
	• 61590	TTH	1100 - 1230P	PAR 201	RAFFA, G
		M	1100 - 1200	MAI 220D	

DD: GENDER/RACE, POL/INCAR

Designed to accommodate 35 or fewer 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 Title: Difficult dialogues: Gender/Race, policing and incarceration. Topic description: This course examines women of color's experiences with policing, incarceration and detention from a global perspective.

course	unique	days	time	room	instructor
	• 61595	TTH	200 - 330P	SAC 4.174	SMITH, C

DIFF DLG: EUROPE AND 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: Examines anti-Americanism views and the consequences of these views with foreign relations, economic relations, and the self-understanding of the United States.

course	unique	days	time	room	instructor
	• 61600	TTH	930 - 1100	GAR 2.128	HAKE, S

DYING LANGUAGES: LING/DIVRSITY

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: Dying languages: What world linguistic diversity means. Topic description: Now more than ever, people encounter different and dying languages in their travel and everyday lives. Explores a scientific und erstanding and humanistic appreciation for linguistic diversity and what it means for humankind. Investigates contemporary conditions and assumptions that imperil diversity, and implications for speakers of dying lan guages.

course	unique	days	time	room	instructor
	• 61605	MW	1100 - 1200	UTC 3.134	WOODBURY, A
		F	1000 - 1100	JES A205A	
	• 61610	MW	1100 - 1200	UTC 3.134	WOODBURY, A
		F	1100 - 1200	JES A205A	
	• 61615	MW	1100 - 1200	UTC 3.134	WOODBURY, A
		F	1200 - 100P	JES A205A	
	• 61620	MW	1100 - 1200	UTC 3.134	WOODBURY, A
		F	100 - 200P	JES A205A	
	• 61625	MW	1100 - 1200	UTC 3.134	WOODBURY, A
		F	200 - 300P	JES A205A	
	• 61630	MW	1100 - 1200	UTC 3.134	WOODBURY, A
		F	300 - 400P	JES A205A	

FAIRY TALES IN 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: Course explores American adaptations of fairy tales and how they differ from the originals.

course	unique	days	time	room	instructor
	• 61635	MW	1100 - 1200	BUR 220	PIERCE, M
		F	1200 - 100P	MAI 220A	

FAIRY TALES IN 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 American adaptations of fairy tales and how they differ from the originals.

course	unique	days	time	room	instructor
	• 61640	MW	1100 - 1200	BUR 220	PIERCE, M
		F	900 - 1000	MAI 220A	
	• 61645	MW	1100 - 1200	BUR 220	PIERCE, M
		F	1000 - 1100	MAI 220A	
	• 61650	MW	1100 - 1200	BUR 220	PIERCE, M
		F	1100 - 1200	MAI 220A	

GAMEPLAN FOR WINNING AT LIFE

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 narratives of prominent athletes to construct a schema as a template for success, while exploring critical issues including personal finance, human intelligence, moral aptitude and lea dership development.

course	unique	days	time	room	instructor
	• 61655	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	800 - 900	MAI 220E	
	• 61660	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	800 - 900	MAI 220F	
	• 61665	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	900 - 1000	MAI 220E	
	• 61670	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	900 - 1000	MAI 220F	
	• 61675	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	1000 - 1100	MAI 220E	
	• 61680	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	1000 - 1100	MAI 220F	
	• 61685	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	100 - 200P	MAI 220E	
	• 61690	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	200 - 300P	MAI 220E	
	• 61695	TTH	930 - 1100	CMA 2.306	ROBERTS, D
		M	300 - 400P	MAI 220E	

GLOBAL DEVELOPMENT

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
	• 61700	TTH	1230 - 200P	WAG 201	GERRING, J
		F	400 - 500P	MAI 220A	

GLOBAL DEVELOPMENT

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 question of global development, global justice and international development.

course	unique	days	time	room	instructor
	• 61705	TTH	1230 - 200P	WAG 201	GERRING, J
		F	100 - 200P	MAI 220A	
	• 61710	TTH	1230 - 200P	WAG 201	GERRING, J
		F	200 - 300P	MAI 220A	
	• 61715	TTH	1230 - 200P	WAG 201	GERRING, J
		F	300 - 400P	MAI 220A	

course	unique	days	time	room	instructor

INTRO TO ENERGY & SOCIETY

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: Investigate a multi-disciplinary approach to introduce how energy cuts across every facet of society.

• 61720	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	F	800 - 900	MAI 220C	
• 61725	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	F	900 - 1000	MAI 220C	
• 61730	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	F	1000 - 1100	MAI 220C	
• 61735	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	M	1100 - 1200	MAI 220B	
• 61740	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	F	1100 - 1200	MAI 220C	
• 61745	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	M	1200 - 100P	MAI 220B	
• 61750	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	F	1200 - 100P	MAI 220C	
• 61755	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	M	100 - 200P	MAI 220B	
• 61760	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	F	100 - 200P	MAI 220C	
• 61765	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	M	200 - 300P	MAI 220B	
• 61770	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	M	300 - 400P	MAI 220B	
• 61775	TTH	930 - 1100	JGB 2.324	DAVIDSON, F
	M	400 - 500P	MAI 220B	

JUSTICE, LIBERTY, HAPPINESS

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 the great rival conceptions of the moral foundations and goals of political life, as these have been elaborated by major religious and philosophical works from antiquity to the present. Explores the meaning of justice, happiness, promoting collective well-being, and living a free life. Readings include excerpts from the Bible, Plato, Aristotle, Aquinas, Hobbes, Locke, Rousseau, Marx, and Nietzsche.

• 61780	TTH	1100 - 1230P	SZB 330	VIROLI, M
	F	900 - 1000	MAI 220D	
• 61785	TTH	1100 - 1230P	SZB 330	VIROLI, M
	F	1000 - 1100	MAI 220D	
• 61790	TTH	1100 - 1230P	SZB 330	VIROLI, M
	F	1100 - 1200	MAI 220D	

LIFE AND DEATH DECISIONS

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.

• 61795	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	800 - 900	MAI 220A	

LIFE AND DEATH DECISIONS

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 various styles of ethical thinking and considers moral dilemmas, concerning life and death questions.

• 61800	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	900 - 1000	MAI 220A	
• 61805	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	900 - 1000	MAI 220E	
• 61810	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	1000 - 1100	MAI 220A	
• 61815	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	1000 - 1100	MAI 220E	
• 61820	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	1100 - 1200	MAI 220A	
• 61825	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	1100 - 1200	MAI 220E	
• 61830	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	1200 - 100P	MAI 220A	
• 61835	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	1200 - 100P	MAI 220E	
• 61840	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	100 - 200P	MAI 220A	
• 61845	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	100 - 200P	MAI 220E	
• 61850	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	200 - 300P	MAI 220C	
• 61855	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	200 - 300P	MAI 220E	
• 61860	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	300 - 400P	MAI 220C	
• 61865	MW	100 - 230P	ART 1.102	EKLAND-OLSON, S
	TH	400 - 500P	MAI 220C	

MAYAN LANGUAGES IN TIME/SPACE

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: Many think of the Maya as a mysterious ancient people, lost somewhere in the jungles of Central America, writing in an unknown and unknowable language. In fact, Mayan words can be found in hierogly phic texts from over a thousand years ago, and can be heard today in throughout Mexico and Guatemala. Examines the more than thirty Mayan languages spoken today, the culture that surrounds these languages, and how th ey have changed over time.

• 61870	MW	900 - 1000	RLP 1.106	ENGLAND, N
	F	900 - 1000	RLP 0.120	
• 61875	MW	900 - 1000	RLP 1.106	ENGLAND, N
	F	1000 - 1100	RLP 0.108	
• 61880	MW	900 - 1000	RLP 1.106	ENGLAND, N
	F	1100 - 1200	RLP 0.120	

MODERN-DAY SLAVERY

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: Trafficking in persons: Modern-day slavery. Topic description: Explores trafficking in persons within the context of social justice and human rights perspectives.

• 61885	T	200 - 400P	SSW 1.214	BUSCH-ARMENDARIZ
	TH	100 - 200P	MAI 220F	
• 61890	T	200 - 400P	SSW 1.214	BUSCH-ARMENDARIZ
	TH	200 - 300P	MAI 220F	
• 61895	T	200 - 400P	SSW 1.214	BUSCH-ARMENDARIZ
	TH	300 - 400P	MAI 220F	

RELIGIONS IN PRACTICE

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: A knowledge of religion is essential for understanding American society and politics as well as for making sense of current international relations. Investigates the diverse ways that Jews, Christi ans, and Muslims practice their religions, and explores ways of talking about religion that do not proselytize for religion nor stridently denigrate it.

• 61900	MW	1000 - 1100	SZB 370	NEWMAN, M
	F	800 - 900	MAI 220B	
• 61905	MW	1000 - 1100	SZB 370	NEWMAN, M
	F	900 - 1000	MAI 220B	
• 61910	MW	1000 - 1100	SZB 370	NEWMAN, M
	F	1000 - 1100	MAI 220B	
• 61915	MW	1000 - 1100	SZB 370	NEWMAN, M
	F	1100 - 1200	MAI 220B	

RUSSIAN SCI-FI

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: Trace the ways in which the bizarre and the unexpected are featured in art, music, literature, and film of the last hundred years.

• 61920	MW	100 - 200P	FAC 21	GARZA, T
	F	900 - 1000	CAL 22	
• 61925	MW	100 - 200P	FAC 21	GARZA, T
	F	900 - 1000	UTC 3.120	
• 61930	MW	100 - 200P	FAC 21	GARZA, T
	F	900 - 1000	UTC 4.120	

course	unique	days	time	room	instructor
	• 61935	MW	100 - 200P	FAC 21	GARZA, T
		F	1000 - 1100	CAL 22	
	• 61940	MW	100 - 200P	FAC 21	GARZA, T
		F	1000 - 1100	CBA 4.336	
	• 61945	MW	100 - 200P	FAC 21	GARZA, T
		F	1000 - 1100	UTC 3.120	
	• 61950	MW	100 - 200P	FAC 21	GARZA, T
		F	1000 - 1100	UTC 4.120	
	• 61955	MW	100 - 200P	FAC 21	GARZA, T
		F	1100 - 1200	CBA 4.336	
	• 61960	MW	100 - 200P	FAC 21	GARZA, T
		F	1200 - 100P	CBA 4.336	
	• 61965	MW	100 - 200P	FAC 21	GARZA, T
		F	100 - 200P	CBA 4.336	
	• 61970	MW	100 - 200P	FAC 21	GARZA, T
		F	100 - 200P	CBA 4.342	
	• 61975	MW	100 - 200P	FAC 21	GARZA, T
		F	100 - 200P	UTC 3.120	
	• 61980	MW	100 - 200P	FAC 21	GARZA, T
		F	200 - 300P	CBA 4.342	
	• 61985	MW	100 - 200P	FAC 21	GARZA, T
		F	200 - 300P	CBA 4.346	
	• 61990	MW	100 - 200P	FAC 21	GARZA, T
		F	200 - 300P	UTC 3.120	

RUSSIAN SCI-FI

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: Trace the ways in which the bizarre and the unexpected are featured in art, music, literature, and film of the last hundred years. Restricted to first-year transfer students.

• 61995	MW	100 - 200P	FAC 21	GARZA, T
	F	100 - 200P	CBA 4.346	

SAVVY HEALTH CARE CONSUMER

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 prescription pharmaceuticals, and the health care system. Investigate the drug distribution process, regulatory control of pharmaceuticals, current topics in health care reform, various cat egories of pharmaceuticals and the prescription filling process in a pharmacy.

• 62000	MW	1000 - 1100	PHR 4.212	RUSH, S
	F	1100 - 1200	PHR 4.212	

SAVVY HEALTH CARE CONSUMER

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 prescription pharmaceuticals, and the health care system, with the intent of becoming better informed consumers and patients. Investigates the drug distribution process, regulatory control of pharmaceuticals, current topics in health care reform, various categories of pharmaceuticals and the prescription filling process in a pharmacy.

• 62005	MW	1000 - 1100	PHR 4.212	RUSH, S
	F	800 - 900	PHR 4.212	
• 62010	MW	1000 - 1100	PHR 4.212	RUSH, S
	F	900 - 1000	PHR 4.212	
• 62015	MW	1000 - 1100	PHR 4.212	RUSH, S
	F	1000 - 1100	PHR 4.212	

SCIENTIF INQUIRY: INSPIRATION

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: Inspiration. Topic description: Studies building conceptual models, thinking like a scientist, conducting quantitative analyses, and critiquing and presenting results through a series of inquiries.

• 62020	TTH	1100 - 1230P	SZB 370	REICHLER, S
	W	100 - 400P	BME 2.506	
• 62025	TTH	1100 - 1230P	SZB 370	REICHLER, S
	T	200 - 500P	BME 2.506	

SEX, LOVE, RELATIONSHIPS

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: This course examines changes in dating, union formation, and household relationships among young Americans, drawing on demographic, economic, sociological, historical, and psychological perspective s.

• 62030	TTH	330 - 500P	PAR 203	CAVANAGH, S
	M	100 - 200P	MAI 220F	
• 62035	TTH	330 - 500P	PAR 203	CAVANAGH, S
	M	200 - 300P	MAI 220F	
• 62040	TTH	330 - 500P	PAR 203	CAVANAGH, S
	M	300 - 400P	MAI 220F	

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: Health care in America is being reshaped, and in the future will be very different from current traditional medical practice. Explores the complex doctor-patient relationship, which is essential in effectively contributing to the process of change.

• 62045	TTH	330 - 500P	RLP 0.130	SONNENBERG, S
	F	800 - 900	CMA 3.108	
• 62050	TTH	330 - 500P	RLP 0.130	SONNENBERG, S
	F	900 - 1000	CMA 3.108	
• 62055	TTH	330 - 500P	RLP 0.130	SONNENBERG, S
	F	900 - 1000	PAR 305	
• 62060	TTH	330 - 500P	RLP 0.130	SONNENBERG, S
	F	1000 - 1100	CMA 3.108	
• 62065	TTH	330 - 500P	RLP 0.130	SONNENBERG, S
	F	1000 - 1100	PAR 305	
• 62070	TTH	330 - 500P	RLP 0.130	SONNENBERG, S
	F	1100 - 1200	PAR 310	

THE JEWISH-AMERICAN UNDERDOG

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: The Jewish American underdog and its sub-types have influenced American literature and popular culture in a wide range of creative outlets over the past hundred years. This course will examine the cultural development of minority communities in the context of a larger majority world.

• 62075	TTH	930 - 1100	BUR 220	GOTTESMAN, Y
	F	800 - 900	MAI 220F	
• 62080	TTH	930 - 1100	BUR 220	GOTTESMAN, Y
	F	900 - 1000	MAI 220F	
• 62085	TTH	930 - 1100	BUR 220	GOTTESMAN, Y
	F	1000 - 1100	MAI 220F	

THE LANGUAGES OF POP CULTURE

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 language of pop culture through various outlets of media communication such as music, comedy, advertisements, and social media.

• 62090	MW	900 - 1000	PAR 201	HINRICHS, L
	F	900 - 1000	MAI 220E	
• 62095	MW	900 - 1000	PAR 201	HINRICHS, L
	F	1000 - 1100	MAI 220E	
• 62100	MW	900 - 1000	PAR 201	HINRICHS, L
	F	1100 - 1200	MAI 220E	
• 62105	MW	900 - 1000	PAR 201	HINRICHS, L
	F	1200 - 100P	MAI 220E	

THE MATH OF POLITICS

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 simple math to reveal important insights about politics, including some of the most basic and fundamental questions about how democratic rule works.

• 62110	TTH	1100 - 1230P	PAR 1	JESSEE, S
	M	1100 - 1200	MAI 220C	
• 62115	TTH	1100 - 1230P	PAR 1	JESSEE, S
	M	1200 - 100P	MAI 220C	
• 62120	TTH	1100 - 1230P	PAR 1	JESSEE, S
	M	100 - 200P	MAI 220C	

THE TONES OF INEQUALITY

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 music from Latin America to describe, think and interpret inequalities, exclusion and injustices in Latin American countries and societies.

• 62125	MW	300 - 400P	SZB 296	JORGE DE PAULA PAI
	F	100 - 200P	MAI 220D	
• 62130	MW	300 - 400P	SZB 296	JORGE DE PAULA PAI
	F	200 - 300P	MAI 220D	
• 62135	MW	300 - 400P	SZB 296	JORGE DE PAULA PAI
	F	300 - 400P	MAI 220D	

VISUAL HISTORY

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: Course examines global histories and controversial topics through documentaries, narrative films, visual objects and written sources.

• 62140	TTH	330 - 500P	SZB 370	BURROWES, N
	M	1200 - 100P	MAI 220A	
• 62145	TTH	330 - 500P	SZB 370	BURROWES, N
	M	800 - 900	MAI 220B	
• 62150	TTH	330 - 500P	SZB 370	BURROWES, N
	M	900 - 1000	MAI 220B	
• 62155	TTH	330 - 500P	SZB 370	BURROWES, N
	M	1100 - 1200	MAI 220A	

VITAL SIGNS

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: Vital signs: Introducing the future of health care. Topic description: Course explores commonly held beliefs about health care, the process of rethinking these beliefs, and new approaches to the future o f health and healthcare.

• 62160	TTH	330 - 500P	NUR 1.112	CARTER, P
	W	900 - 1000	MAI 220B	
• 62165	TTH	330 - 500P	NUR 1.112	CARTER, P
	W	1000 - 1100	MAI 220B	
• 62170	TTH	330 - 500P	NUR 1.112	CARTER, P
	W	1100 - 1200	MAI 220B	
• 62175	TTH	330 - 500P	NUR 1.112	CARTER, P
	W	1200 - 100P	MAI 220A	
• 62180	TTH	330 - 500P	NUR 1.112	CARTER, P
	W	100 - 200P	MAI 220A	
• 62185	TTH	330 - 500P	NUR 1.112	CARTER, P
	W	200 - 300P	MAI 220A	

WAR/VIOLENCE IN AMER HIST

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 role of violence in American foreign policy and society from initial colonization to the present day. Considers the effects of violence on American history, with particular attention t o the changing rules and norms of its use.

• 62190	MW	200 - 300P	PAR 201	O'CONNELL, A
	F	1200 - 100P	MAI 220F	
• 62195	MW	200 - 300P	PAR 201	O'CONNELL, A
	F	100 - 200P	MAI 220F	
• 62200	MW	200 - 300P	PAR 201	O'CONNELL, A
	F	200 - 300P	MAI 220F	

WORLD CHANGERS

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 historical figures who changed the world including: Alexander the Great, Cleopatra VII, Julius Caesar, and Augustus. Investigates their personalities through modern representations such as film and asks whether they would be effective leaders today.

• 62205	MW	1100 - 1200	SZB 330	GALINSKY, G
	F	1200 - 100P	MAI 220B	
• 62210	MW	1100 - 1200	SZB 330	GALINSKY, G
	F	100 - 200P	MAI 220B	
• 62215	MW	1100 - 1200	SZB 330	GALINSKY, G
	F	200 - 300P	MAI 220B	

UGS 104 FIRST-YR INT GROUP MENTOR SMNR

Designed to accommodate 100 or more students. Offered on the pass/fail basis only. Issues and research in various areas of leadership, communication, student development, and the transition from high school to college. Restricted to students selected as mentors for the First-Year Interest Group program. Prerequisite: Consent of the program coordinator of the First-Year Interest Group program office.

• 62220	M	300 - 400P	CAL 100	IVERSON, B
	F	100 - 200P	BEN 1.122	
• 62225	M	300 - 400P	CAL 100	IVERSON, B
	F	200 - 300P	BEN 1.122	
• 62230	M	300 - 400P	CAL 100	IVERSON, B
	M	400 - 500P	MEZ 1.118	
• 62235	M	300 - 400P	CAL 100	IVERSON, B
	F	1200 - 100P	PAR 304	
• 62240	M	300 - 400P	CAL 100	IVERSON, B
	W	300 - 400P	MEZ 2.124	
• 62245	M	300 - 400P	CAL 100	IVERSON, B
	W	400 - 500P	MEZ 2.124	

FIRST-YR INT GROUP MENTOR SMNR

Offered on the pass/fail basis only. Issues and research in various areas of leadership, communication, student development, and the transition from high school to college. Restricted to students selected as mentors for the First-Year Interest Group program. Prerequisite: Consent of the program coordinator of the First-Year Interest Group program office.

• 62250	T	330 - 430P	WAG 101	IVERSON, B
	F	100 - 200P	PAR 208	
• 62255	T	330 - 430P	WAG 101	IVERSON, B
	F	200 - 300P	PAR 208	
• 62260	T	330 - 430P	WAG 101	IVERSON, B
	TH	330 - 430P	MEZ 1.102	
• 62265	T	330 - 430P	WAG 101	IVERSON, B
	T	430 - 530P	PAR 303	
• 62270	T	330 - 430P	WAG 101	IVERSON, B
	TH	430 - 530P	MEZ 1.102	

UGS 104T TR-YR INT GROUP MENTOR SMNR

Offered on the pass/fail basis only. Issues and research in various areas of leadership, communication, student development, and transfer student success. Restricted to students selected as mentors for the Transfer-Year Interest Group program.

• 62275	W	300 - 500P	PAR 214	IVERSON, B
• 62280	TH	300 - 500P	MAI 220E	IVERSON, B
• 62285	T	330 - 530P	PAR 214	IVERSON, B

UGS 106C DSP SPRING SEMINAR

Offered on the pass/fail basis only. Basic issues in various interdisciplinary fields of study. Restricted to students in the Discovery Scholars Program.

• 62290	T	500 - 600P	FAC 21	ABRAHAM, L

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

10/31/2018

course	unique	days	time	room	instructor

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.

• 62295	W	1100 - 1230P	SZB 284	ABRAHAM, L
• 62300	W	330 - 500P	SZB 426	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.

• 62305

UGS 311 UNDERGRAD INTRNSHP EXPERIENCE

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.

• 62310

UGS 114M FUNDAMENTALS

Designed to accommodate 35 or fewer students. 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.

• 62315	MW	200 - 300P	SZB 380	WAY, P
• 62320	TTH	300 - 400P	SZB 434	WAY, P

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.

• 62325	W	300 - 500P	FAC 211D	KASCHNER, L
• 62330	T	330 - 530P	PAR 210	

FIRST-YEAR CONNECTION SMNR-ULN

Designed to accommodate 100 or more 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 students in the University Leadership Network program.

• 62335	T	600 - 700P	BUR 106	SMITH, J
	W	400 - 500P	MEZ 2.122	
• 62340	T	600 - 700P	BUR 106	SMITH, J
	W	400 - 500P	MEZ 1.206	
• 62345	T	600 - 700P	BUR 106	SMITH, J
	TH	400 - 500P	MEZ 1.204	
• 62350	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	MEZ 1.122	
• 62355	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	MEZ 1.216	
• 62360	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	MEZ 2.118	
• 62365	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	MEZ 2.122	
• 62370	T	600 - 700P	BUR 106	SMITH, J
	TH	500 - 600P	MEZ 1.122	
• 62375	T	600 - 700P	BUR 106	SMITH, J
	TH	500 - 600P	MEZ 1.204	
• 62380	T	600 - 700P	BUR 106	SMITH, J
	TH	500 - 600P	MEZ 2.102	
• 62385	T	600 - 700P	BUR 106	SMITH, J
	TH	500 - 600P	MEZ 2.118	
• 62390	T	600 - 700P	BUR 106	SMITH, J
	W	600 - 700P	MEZ 1.118	
• 62395	T	600 - 700P	BUR 106	SMITH, J
	W	600 - 700P	MEZ 1.122	
• 62400	T	600 - 700P	BUR 106	SMITH, J
	W	600 - 700P	MEZ 1.204	
• 62405	T	600 - 700P	BUR 106	SMITH, J
	W	600 - 700P	MEZ 2.102	
• 62410	T	600 - 700P	BUR 106	SMITH, J
	TH	600 - 700P	MEZ 1.122	
• 62415	T	600 - 700P	BUR 106	SMITH, J
	TH	600 - 700P	MEZ 1.204	
• 62420	T	600 - 700P	BUR 106	SMITH, J
	TH	600 - 700P	MEZ 2.102	
• 62425	T	600 - 700P	BUR 106	SMITH, J
	TH	600 - 700P	MEZ 2.118	
• 62430	T	600 - 700P	BUR 106	SMITH, J
	W	500 - 600P	MEZ 2.102	
• 62435	T	600 - 700P	BUR 106	SMITH, J
	W	400 - 500P	MEZ 1.118	
• 62440	T	600 - 700P	BUR 106	SMITH, J
	W	400 - 500P	MEZ 2.102	
• 62445	T	600 - 700P	BUR 106	SMITH, J
	TH	400 - 500P	MEZ B0.302	
• 62450	T	600 - 700P	BUR 106	SMITH, J
	TH	400 - 500P	BEN 1.108	
• 62455	T	600 - 700P	BUR 106	SMITH, J
	TH	400 - 500P	BEN 1.102	

FIRST-YEAR CONNECTION SMR-ENGR

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.

• 62460	W	1200 - 100P	EER 1.528	HIGBY, G
• 62465	T	200 - 300P	EER 1.528	DISON, A

FIRST-YEAR CONNECTION SMR-ENGR

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 Cockrell School of Engineering students.

• 62470	TH	1100 - 1200	EER 1.528	HILL, J
• 62475	TH	1230 - 130P	EER 1.528	HILL, J
• 62480	TH	1230 - 130P	ETC 2.102	BERRY, T

FIRST-YEAR CONNECTION SMR-PACE

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 students in the Path to Admission through Co-Enrollment (PACE) program.

• 62485	TH	1000 - 1100	RLP 1.102	SCHMITT, J
• 62490	M	1100 - 1200	RLP 0.122	SCHMITT, J
• 62495	T	1100 - 1200	RLP 0.106	SCHMITT, J
• 62500	M	400 - 500P	MEZ 1.202	SCHMITT, J
• 62505	TH	400 - 500P	GDC 2.210	SCHMITT, J

UGS 018 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.

• 62510	F	1200 - 100P	PAI 5.42	RILEY, L
• 62515	F	100 - 200P	RLM 6.112	MACKRELL, A
• 62520	TH	500 - 600P	BIO 301	PALMER, G

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 Sciences.

• 62525	T	900 - 1000	JES A203A	VARGAS, D
• 62530	TH	1130 - 1230P	JES A207A	ILARDI, E
• 62535	M	1200 - 100P	PAR 304	CHY, A
• 62540	M	100 - 200P	WAG 208	GUAJARDO, S
• 62545	TH	100 - 200P	WCH 1.110	RANEY, M
• 62550	M	200 - 300P	JES A203A	JACKMAN, M
• 62555	T	200 - 300P	RLM 5.112	LAPLACA, E
• 62560	TH	200 - 300P	GEA 127	MILLER, J
• 62565	TH	200 - 300P	WAG 308	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.

• 62570	M	900 - 1000	GEA 125	LAWLER, J
• 62575	W	1100 - 1200	WCH 1.110	KESTER, R
• 62580	TH	1100 - 1200	WCH 1.110	MISHLER, D
• 62585	F	1100 - 1200	GDC 2.410	ALVARADO, G
• 62590	W	1200 - 100P	BEN 1.126	RIGNEY, M
• 62595	T	1230 - 130P	WCH 1.108	CHY, A
• 62600	T	100 - 200P	WCH 1.110	RANEY, M
• 62605	W	100 - 200P	GEA 125	GLENDENING, A
• 62610	W	200 - 300P	JES A203A	ROVANG, M
• 62615	TH	200 - 300P	WCH 1.110	WESO, K
• 62620	T	400 - 500P	WCH 1.102	CONNELLY, C

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.

• 62625	T	1230 - 130P	EER 1.504	DE SOPO, M
• 62630	T	1230 - 130P	EER 1.528	DE SOPO, M
• 62635	M	200 - 300P	ECJ 1.316	DE SOPO, M
• 62640	M	200 - 300P	EER 0.702	DE SOPO, M
• 62645	W	300 - 400P	EER 0.702	KESSEL, K
• 62650	W	300 - 400P	ETC 2.102	KESSEL, K

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.

• 62655	M	1200 - 100P	WCH 1.110	RANEY, M

10/11/2018

UGS 018T 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 students in the College of Natural Sciences.

- 62660 T 200 - 300P BEN 1.106 ROVANG, M
- 62665 T 300 - 400P CBA 4.338 RIGNEY, M
- 62670 T 300 - 400P GDC 2.402 RIGNEY, M
- 62675 W 300 - 400P CAL 21 ICHU, C
- 62680 W 300 - 400P CAL 22 JACKMAN, M

TRANSFER INTEREST GRP SEM-COLA

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 students in the College of Liberal Arts.

- 62685 T 200 - 300P CMA 5.190 SMITH, H

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 students in the College of Liberal Arts.

- 62690 W 1000 - 1100 JES A205A GILDEN, D

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.

- 62695

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.

- 62700

DEVELOPMENTAL STUDIES

Developmental Studies - DEV

DEV 000W BASIC WRITING SKILLS

Offered on the pass/fail basis only. Developmental reading and writing instruction paired with a credit writing intensive course. Emphasis is on strategies for improving reading comprehension across the disciplines, reading study skills, and elements of composition. Offered on the satisfactory/unsatisfactory basis only. May not be counted toward any degree. Prerequisite: Concurrent enrollment in a writing intensive course approved by the Texas Success Initiative office, and consent of the Texas Success Initiative coordinator.

- 62755 W 1000 - 1130 MAI 220D DEITHLOFF, L

OFFICE OF THE VICE PROVOST AND DEAN OF GRADUATE STUDIES

Graduate School - GRS

JAMES A. MICHENER CENTER FOR WRITERS

Writing - WRT

WRT 380S STUDIES IN CREATIVE WRITING

Designed to accommodate 35 or fewer students. Subjects include the study of literature, creative theory, and criticism in the genres of fiction, nonfiction, poetry, playwriting, and screenwriting. Prerequisite: Graduate standing in writing, or graduate standing and consent of the graduate adviser.

- 62810 T 100 - 400P FDH 213 WATKINS, C
- 62812 TH 100 - 400P FDH 213

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.

- 62815 M 100 - 400P FDH 213 MILLER, J

WORKSHOP IN CREATIVE WRITING

Designed to accommodate 35 or fewer students. Subjects include writing fiction, writing poetry, playwriting, and screenwriting. Prerequisite: Graduate standing in writing, or graduate standing and consent of the graduate adviser.

- 62820 TH 500 - 800P FDH 213 JOHNSTON, B
- 62825 W 100 - 400P FDH 213 WATKINS, C

WRT 382 INDEPENDENT PROJECTS

Hour(s) to be arranged. May be repeated for credit. Restricted to advanced MFA candidates. Prerequisite: Graduate standing in writing, or graduate standing and consent of the graduate adviser.

- 62830

WRT 698A THESIS

Hour(s) to be arranged. 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.

- 62835

WRT 698B THESIS

Hour(s) to be arranged. 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.

- 62840

10/11/2018

INTERCOLLEGIAL PROGRAMS

COMPUTATIONAL SCIENCE, ENGINEERING, AND MATHEMATICS

Computational Science, Engineering, and Mathematics - CSE

CSE 370 INDIVIDUAL READING & RESEARCH
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. 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.
• 62895

CSE 383L NUMRCL ANLY: DIFFERNTL EQUATNS
Advanced introduction to the theory and practice of commonly used numerical algorithms for the solution of ordinary differential equations, and elliptic, parabolic, and hyperbolic partial differential equations. Prerequisite: Graduate standing; and Computer Science 383C, Mathematics 387C, or consent of instructor. same as M 387D.
• 62900 MW 330 - 500P RLM 5.112 HUGHES, T

CSE 383M STAT/DISCRETE METHS SCI COMPUT
Studies in probabilistic and statistical inference, statistical model fitting, computational geometry, image processing, computational graph theory, and information theory. Prerequisite: Graduate standing. meets with C S 395T, M 393C.
• 62905 MW 1100 - 1230P GDC 5.304 BAJAJ, C

CSE 384L THEORY OF PROBABILITY
Continuation of Computational Science, Engineering, and Mathematics 384Kand Mathematics 385C. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384L, Mathematics 384L, 385D. Prerequisite: Graduate standing; Computational Science, Engineering, andMathematics 384K or Mathematics 385C; and consent of instructor. same as M 385D.
• 62910 MWF 1100 - 1200 RLM 11.176 SIRBU, M

CSE 384U DESIGN & ANLY OF EXPERIMENTS
Design and analysis of experiments, including one-way and two-way layouts; components of variance; factorial experiments; balanced incomplete block designs; crossed and nested classifications; fixed, random, and mixed models; and split plot designs. Only one of the following may be counted: Computational Science, Engineering, and Mathematics 384U, Mathematics 384E, Statistics and DataSciences 384 (Topic 6), Statistics and Scientific Computation 384 (Topic 6). 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 384E, SDS 384 (TOPIC 6).
• 62915 MW 100 - 230P FAC 101B HERSH, M

CSE 385S COMPLEX ANALYSIS
Introduction to complex analysis. Computational Science, Engineering, and Mathematics 385S and Mathematics381D may not both be counted. Prerequisite: Graduate standing and consent of instructor or the graduate adviser. same as M 381D.
• 62920 MWF 1200 - 100P RLM 12.166 KOCH, H

CSE 386D METHODS OF APPLIED MATHEMATICS
Topics include distributions, fundamental solutions of partial differential equations, the Schwartz space and tempered distributions, Fourier transform, Plancherel theorem, Green's functions, Sobolev spaces, weak solutions, differential calculus in normed spaces, implicitfunction theorems, applications to nonlinear equations, smooth variational problems, applications to classical mechanics, constrained variational problems. Computational Science, Engineering, and Mathematics 386D and Mathematics383D may not both be counted. Prerequisite: Graduate standing; and Computational Science, Engineering,and Mathematics 386C or Mathematics 383C. same as M 383D.
• 62925 MWF 900 - 1000 RLM 11.176 ARBOGAST, T

CSE 386L MATHEMATCL METHODS IN SCI/ENGR
Basic concepts in real and complex analysis, ordinary and partial differential equations, and other areas of applied mathematics with application to engineering and science. Only one of the following may be counted: Aerospace Engineering 380P (Topic 2), Computational Science, Engineering, and Mathematics 386L, Engineering Mechanics 386L. Prerequisite: Graduate standing. Additional prerequisite: consent of instructor. meets with COE 372, ASE 380P (TOPIC 2), E M 386L.
• 62930 TTH 200 - 330P CPE 2.216 BUI, T

CSE 389D INTRO MATH MODELNG SCI/ENGR II
Second part of a two-part introduction to elements of classical mechanics, physics, chemistry, and biology needed to 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; and Computational Science, Engineering,and Mathematics 389C or the equivalent.
• 62935 TTH 1100 - 1230P SZB 284 MAKAROV, D

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.
• 62940

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.
• 62945

CSE 392 PARALLEL ALGORS SCIENTFC COMP
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 395T.
• 62950 TTH 930 - 1100 ETC 2.114 BIROS, G

CSE 393H ADV THEORY FINITE ELEMENT METH
Contemporary topics in the theory and application of finite element methods. Prerequisite: Graduate standing; Computational Science, Engineering, andMathematics 393F or the equivalent; and Engineering Mechanics 386L or the equivalent. meets with E M 394H.
• 62955 TTH 1230 - 200P GDC 2.402 DEMKOWICZ, L

CSE 397 COMPTL MDLNG IN BIOENGR & MED
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 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 description: Explores comprehensive introductory methods used in simulation of biological systems and processes and demonstrates these in selected applications from single channels, cells, and tissues up to whole organs. meets with BME 385J, BME 377T.
• 62960 TTH 1230 - 200P ECJ 1.304 SACKS, M

INTRO MATHEMATICAL & PHYS BIOL
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 description: Introduction to common methods found in the mathematical modeling of biological systems and the computational implementation of those mathematical models. meets with BME 383J, BME 377T.
• 62965 TTH 1100 - 1230P GDC 2.502 YANKEELOV, T

CSE 397H GRAD RESEARCH INTERNSHIP
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.
• 62970

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.
• 62975

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.
• 62980

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.
• 62985

CSE 399R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 62990

CSE 699R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 62995

CSE 999R DISSERTATION
Hour(s) to be arranged. Offered on the credit/no credit basis only. Prerequisite: Admission to candidacy for the doctoral degree.
• 63000

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.
• 63005

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.
• 63010

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.
• 63015

INTERNATIONAL OFFICE

English as a Second Language - ESL

ESL 501R ENGLISH LANGUAGE READING
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.
• 63070 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.
• 63075 MWF 200 - 330P INT 201 TERZI, F

ESL 501W ENGLISH LANGUAGE WRITING
Designed to accommodate 35 or fewer students. 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.
• 63080 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.
• 63085 TTH 930 - 1100 ACKLEY, M
• 63090 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.
• 63095 TTH 1230 - 200P PAR 305 STRIGLER, S
• 63100 TTH 200 - 330P BEN 1.104 STRIGLER, S

ESL 389S 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.
• 63105 TTH 200 - 330P MCGREGOR, L

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.
• 63110 MW 300 - 430P SZB 434 MCCOURT, C

COMMUNICATION AND TEACHING CUL
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. 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.
• 63115 TTH 930 - 1100 CBA 4.340 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.
• 63120 TTH 200 - 330P VAUGHN, T

10/11/2010