

courseNamesAndDescriptions	
Course Name	Course Description
ACTG 210 - Introduction to Financial Accounting	Prerequisite, MATH 109 , or MATH 110 , or equivalent. An introduction to the financial accounting process, the concepts of asset/liability valuation and income measurement, and the preparation and interpretation of financial statements. (Offered every semester) 3 credits
ACTG 211 - Introduction to Managerial Accounting	Prerequisite, ACTG 210 An introduction to the use of accounting information in the planning, control and decision-making functions of management. (Offered every semester) 3 credits
ACTG 312 - Financial Reporting and Statement Analysis (Same as FIN 312) Prerequisite, ACTG 211	Analysis of accounting and tax information for business decisions. Financial statements analysis. Pro forma financial statements. Cash flow analysis. Credit evaluation. Additional financial and tax reporting issues including reporting in multinational environments. (Offered spring semester) 3 credits
ACTG 320 - Cost Accounting I	Prerequisite, ACTG 211 Theory of cost accounting and cost control for manufacturing and service type entities. Topics include job order and process costing, accounting for by-products and joint costs and development of a master budget. Letter grade. (Offered fall semester) 3 credits
ACTG 321 - Cost Accounting II	Prerequisite, ACTG 320 Theory of cost accounting and cost control relating to materials, labor, and overhead; variance analysis; management utilization of cost information in overall evaluation of business performance. Activity-based accounting, break-even and variable costing techniques, and accounting for non-routine business decisions. (Offered spring semester) 3 credits
ACTG 330 - Intermediate Financial Accounting I	Prerequisite, ACTG 210 A comprehensive examination of financial accounting and reporting. Topics include the conceptual framework, financial accounting systems, preparation and presentation of financial statements, revenue recognition, cash and receivables, inventory, plant assets and intangibles. (Offered fall semester) 3 credits
ACTG 331 - Intermediate Financial Accounting II	Prerequisites, ACTG 211 , ACTG 330 A continuation of ACTG 330 Topics include bonds and other long-term liabilities; leases, pensions and other post-retirement benefits; deferred income taxes; stockholders' equity; earnings per share; investments in securities of other companies, and a review of the cash flow statement. (Offered spring semester) 3 credits
ACTG 339 - Accounting Information Systems	Prerequisite, ACTG 330 or consent of instructor. Accounting information systems and the use of information technology for decision making, including controlling risks within business processes. Emphasis on sources and types of information and the use of analytical tools in solving accounting management problems. Letter grade. (Offered spring semester) 3 credits
ACTG 440 - Accounting for Investments and Consolidations	Prerequisite, ACTG 331 , or equivalent. Comprehensive coverage of accounting for investments and complex entities including mergers and acquisitions and consolidated financial statements. Letter grade. (Offered fall semester) 3 credits
ACTG 441 - Not-For Profit and Government Accounting, and International Accounting	Prerequisite, ACTG 331 or equivalent. Focus on not-for-profit and government entities, accounting for multinational transactions including foreign currency translation, international accounting standards, partnerships and trusts. Letter grade with Pass/No Pass option. (Offered spring semester) 3 credits
ACTG 450 - Individual Taxation	Prerequisite, ACTG 211 Federal income tax related primarily to individuals. Included are concepts of income, deductions, credits, and capital gains and losses. (Offered fall semester) 3 credits
ACTG 451 - Taxation of Corporations and Other Entities	Prerequisite, ACTG 211 Federal income tax law related to partnerships, corporations, Subchapter S corporations, and an overview of federal estate and gift taxes. (Offered spring semester) 3 credits
ACTG 460 - Auditing	Prerequisites, ACTG 330 , ACTG 339 Auditing theory issues examined are the purpose of auditing, ethics, legal liability, the auditor's opinion and alternative forms of reporting. The audit practice issues covered include: evidential matter, audit planning and documentation, review of internal control, use of statistical methods, and auditing in the computer environment. Letter grade. (Offered fall semester) 3 credits
ACTG 461 - Accounting Analytics	Prerequisites, accounting major, ACTG 339 and ACTG 460 or equivalent. An introduction to how to leverage SQL and statistical analysis to address problems/applications in financial and managerial accounting, auditing, taxation, and accounting information systems. The primary tool used will be R, with optional use of Alteryx. Letter grade. (Offered spring semester) 3 credits
ACTG 496 - Special Topics in Accounting	In-depth study of a specific area; content of course determined by student interest and instructor. Course titles and prerequisites may vary. This course may be repeated for credit with a different topic. Some courses may require student lab fees. (Offered as needed.) 3 credits
ACTG 499 - Individual Study	Prerequisite, approval of petition. For students who wish to pursue a special area of study not included in the curriculum. Maximum of 6 credits. (Offered every semester) 1-3 credits
AFST 101 - Introduction to Africana Studies	This course provides students with an introduction to Africana Studies. The course is designed to examine the histories, literatures, aesthetics, spiritual, cultural, and political traditions of people of African descent. Students will consider the historic and contemporary experiences of African descendants in the Americas, particularly the United States, Central America, Latin America, and the Caribbean. Then the course turns to considerations of the lesser-known histories of African descendants to Asia via the Pacific rim and consider the ways in which Black internationalism, and varying concepts of Blackness itself, may look different if students center their gaze on the trans-Pacific world, and apart from Paul Gilroy's "Black Atlantic" paradigm. Alongside these concerns, will be a focus on Continental Africa, and how diasporic members imagine and encounter Africa, what constitutes a diaspora, and what makes Africans and people of African descent around the world an African Diaspora. As an introductory subject, this course is not meant to be a sweeping account of all related works associated with the geographical locales of the African Diaspora but rather, a critical analysis of the literature and artistic works that expands existing debates, encourages dialogue, and challenge students to think creatively about the changing contours and focal points of Africana Studies. Letter grade. (Offered as needed.) 3 credits
AFST 303 - "Mixed Race" Identities	Prerequisite, AFST 101 or consent of instructor. Some key questions guiding this course include the following: What is "race," and what does it mean to be "mixed"? What is the historical situation and tension of "mixing" in the United States, and why is it significant? How do such issues vary from national to transnational contexts? Can one exist in two or more categories at the same time? Why do categories matter? Isn't everyone "mixed" somehow? Where do you fit in? In examining these questions, this course introduces the study of "multiracial identity" and the ways that it has been experienced, represented and contested in the U.S. and international communities. Issues of history, culture, and activism as they relate to various multiracial communities will be studied. Utilizing an interdisciplinary approach, a variety of media in the form of art, print and film will be examined. Students will be exposed to a range of voices from scholars working in disciplines including, Africana Studies, Women's Studies, Asian American Studies, Anthropology, and Visual Arts Studies. The course will begin by focusing on the experiences of multiracial people in the U.S., but will also examine the lived realities of international populations, including the Amerasian community (a population born from the union of American military men and Asian women) living in various parts of Asia and the Pacific. Letter grade. (Offered as needed.) 3 credits
AFST 305 - Afro-Latinx in the Americas	Prerequisite, AFST 101 or HUM 102 or consent of instructor. This course will explore being Black in Latin America and the experiences of Afro-Latinx communities in the United States from periods of enslavement to the present. The course addresses the intersection of race and ethnicity, how identity formation shapes Afro-Latinx racialization, and highlights the relevance of historical context in understanding contemporary race relations. Letter grade. (Offered as needed.) 3 credits
AFST 315 - Racialized Punishment	Prerequisite, AFST 101 or HUM 102 or consent of instructor. This course will cover how criminalization impacts racialized groups in the criminal justice system, immigration detention, and other institutions. Historically grounded anti-Black sentiments contribute to constructions of criminality and deviance. Focus is given to punishment practices and social movement efforts within a United States and Borderlands racial context. Letter grade. (Offered as needed.) 3 credits
AFST 320 - Black Feminisms (Same as WGST 320) Prerequisite, AFST 101 or WGST 101 or WMST 101 or consent of instructor.	This course explores key issues, debates, and the range of ideas used by Black women, which examine features of Black feminist thought. This course is designed to encourage an exploration of various methods including video, film and others. It will introduce and familiarize students with the contributions of Black women in the African Diaspora and will commit to linking Black feminist thought with popular culture. Central discussions will be focused on understanding intersectionality and how the experiences of Black women have rendered visible the interlocking nature of race, gender, class and sexuality. Beginning in the 19th century and into the 21st century, students will engage with selected works of African American women's scholarship and enter conversations which foreground Black women's aesthetics, cultural, spiritual, erotic, and political traditions. In addition, the course will survey scholarship, which travels internationally as it interacts with the works of Black women and women of color outside of the United States. Rather than attempt a definitive history, the course will concentrate on works that map out the broader linkages of a Black feminisms(s), which extends across disciplines and expands territorially. Letter grade. (Offered spring semester) 3 credits
AFST 333 - Mapping the Black Pacific(s): Afro-Asian Encounters	Prerequisite, AFST 101 or consent of instructor. This seminar investigates the emergent concept of the Black Pacific(s), an area that scholars across multiple disciplines in recent years have begun to shed new light on. It seeks to examine the histories of African descendants to Asia via the Pacific rim and consider the ways in which Black internationalism, settler colonialism, militarism, interracial encounters and varying concepts of Blackness itself, may look different if scholars center their gaze on the trans-Pacific world. The term "Mapping" in the course title is in response to the often-overlooked encounters between peoples of African and Asian descent and the lengthy presence of African descendants in this region. It also suggests a different kind of trajectory that might alter one's understanding of the Black Diaspora, Pacific indigeneity, and Asian identity in a global age. The course begins by focusing on the trans-Pacific world, but then delves into Afro-Asian encounters in the United States and in international settings. The course will consider how the meeting of Afro-Asia has given rise to an innovative field of study, which examines relationships across borders and allows for the expansion of both the conceptual meaning of a map and the knowledge that it charts. Letter grade. (Offered as needed.) 3 credits
AFST 390 - Internship	Prerequisite, consent of instructor. Internship related to field of Africana Studies. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
AFST 399 - Individual Study	Prerequisite, consent of instructor. Directed research with faculty advisor in area studies of Africana Studies. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered as needed.) 3-6 credits
AFST 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in Africana Studies which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered as needed.) 1-6 credits
AMST 102 - Introduction to Asian American Studies	This course offers a history of Asians in America, examining different immigrant groups and their integration into the "American melting pot." This course is organized around an historical timeline emphasizing 1880 to the present, drawing on public policy and the law (the Chinese Exclusion Act, the Japanese American Internment, Immigration Act of 1924, Affirmative action and others). Discussions will also include the policy and legal decisions (Ozawa v. US 1922 and US v. Thind 1923), culminating in an examination of contemporary issues of racial identity and cultural politics, and understanding the shift from policy to public culture. Letter grade with Pass/No Pass option. (Offered every year) 3 credits
AMST 282 - Folklore	This course is designed to familiarize students with the fundamental perspectives, history, and methods of Folkloristics. This includes oral, social, material, and artistic aspects of folk study. Students will learn how folk culture forms and maintains social, cultural, and subcultural groups and how folklorists choose, gather, classify, measure and write about folklore. May be repeated for credit with a different focus. (Offered spring semester) 3 credits
AMST 296 - Indians and Film	This course is designed to familiarize students with the relationship between American Indians and the history and production of American commercial and artistic film and influences on international film. Students will view films made about, by, and for American Indians and popular audiences while reading articles and chapters from selected works that give background, film theory, and commentary on the continuing phenomenon of Indians in film. May be repeated for credit with a different focus. (Offered spring semester) 3 credits
AMST 347 - Topics in Asian American Studies	Prerequisite, AMST 102 Topics in Asian American Studies courses are designed to offer additional opportunities to explore areas and subjects of special interest in Asian American studies. Course titles, Prerequisites, and credits may vary. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) ½-3 credits
AMST 372 - Images of Indians	This course will explore the artistic, political, folk and scientific images of American Indians as demonstrated in literature, art, anthropology, film and folklore. The course will deconstruct common images in order to see the process that created them and be able to transfer this insight to other groups. May be repeated for credit with a different focus. (Offered fall semester) 3 credits
AMST 380 - Chop Suey to the Kogi Taco Truck: Asian American Food and Identity	Prerequisite, Asian American studies, anthropology minors or consent of instructor. This course offers a history of Asians in America, examining different immigrant groups and their integration into the American food landscape. This course will provide students with history and analysis (and cuisine) of Asia and how it has become distinctly American in an investigation of the dissemination and hybridization of food. Discussions will reinforce the history of Asians in America culminating in an original research project that analyzes and synthesizes issues of racial identity and cultural politics, through food. Letter grade with Pass/No Pass option. (Offered spring semester, alternate years.) 3 credits
AMST 396 - Indians of California	This course is designed to familiarize students with the large Native American community located in California, the structure of tribal councils, urban Indian centers, and the role of Native American Studies departments in California. Students will develop insights to historic and continuing Native American social substructure, values, beliefs, attitudes, and perceptions. May be repeated for credit with a different focus. (Offered every semester) 3 credits
AMST 397 - Cultural Mythology	The class will review definitions of folktales focusing upon those classified as myths. Mythology is linked to cultural perceptions, values and cosmology. Cross-cultural study of differing mythologies will enhance student's appreciation of traditions in literature, oral tradition, and cultural view. May be repeated for credit with a different focus. (Offered fall semester) 3 credits
AMST 491a - Student-Faculty Research/Creative Activity in Asian American Studies	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope within the field of Asian American Studies. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) 1-3 credits
AVE 109 - Fundamental Graphics I for Animation and Visual Effects	Prerequisite, animation and visual effects major. An introduction to the fundamentals of graphic imagery, including shapes, forms, structure, composition, value, tone, light and shadow specifically as they apply to the world of animation and visual effects. Students are taught to observe, analyze, and understand and apply these essential components of imagery in preparation for work in animation, character development and production design. Letter grade. Fee: \$100. (Offered fall semester) 3 credits
AVE 120 - Introduction to Animation and Visual Effects	Prerequisite, animation and visual effects, or film production major, or game development programming, or production design for film, or visual effects minor, or animation and visual effects, or digital arts cluster. Some sections may be open to non-majors. An introduction to the world of digital imagery, visual effects and animation, focusing on their history, current status, and effect on film, television, and other media and on the issues that relate to the digitalization of our culture such as intellectual property, personal privacy, and related ethical questions. Students will create projects which combine the elements of story with computer generated visual effects. Fee: \$75. (Offered every semester) 3 credits
AVE 202 - 3D Computer Graphics I	Prerequisites, AVE 120 and animation and visual effects major or visual effects or animation and visual effects or digital arts cluster. Some sections may be open to non-majors. Students must earn a B- or better in AVE 202 before continuing with coursework in the Animation and Visual Effects major. A basic overview of the tools available in Autodesk's Maya software package for the creation of 3D digital animation. Topics covered include modeling, character rigging, animation, shading, lighting, rendering and tracking. Letter grade. Fee: \$75. (Offered every semester) 3 credits
AVE 206 - Mechanics of Motion	Prerequisites, AVE 109 and animation and visual effects major or animation and visual effects or digital arts cluster. Using traditional methods, students will be introduced to the fundamental mechanics of motion, including paths of action, forces, timing, patterns, anticipation, action and counteraction, balance, weight, squash and stretch, primary and secondary action, and overlap. Students will use traditional media including animation drawing boards and "pen and test" software to create frame-by-frame animated motion to learn how to visualize and then represent the action of forms and shapes in motion, and create the illusion of such actions as acceleration, deceleration, collision, anticipation, balance, momentum, and intent. Letter grade. Fee: \$300. (Offered spring semester) 3 credits
AVE 209 - Fundamental Graphics II for Animation and Visual Effects	Prerequisites, AVE 109 , animation and visual effects major. Building on the storytelling skills and techniques of Fundamental Graphics for Animation and Visual Effects I, students will learn the essential principles of communication through graphic imagery, including anatomy of the figure, gesture, expression, staging, posing, composition, and the illusion of motion. Letter grade. Fee: \$100. (Offered spring semester) 3 credits
AVE 229 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Some courses require student lab fees. (Offered as needed.) ½-3 credits
AVE 242 - 2D Computer Graphics	Prerequisite, animation and visual effects major, or game development programming minor, or animation and visual effects, or digital arts cluster. Students are taught the techniques and use of tools for producing art work, both still and moving, and learn the basic concepts of applied 2D graphics and how to apply these concepts in the production of 2D animation within the digital realm. They will also learn techniques that will later be used in 3D Graphics courses. Some sections of this course may be restricted to consent of instructor. Fee: \$75. (Offered spring semester) 3 credits
AVE 245 - The Influence of French Animation	Prerequisite, consent of instructor. This course is multi-day intensive travel course to study the profound and exquisite impact of French animation on the animation art form through cultural immersion, study, lectures, and tours of museums, schools, and studios, culminating in attending the oldest and most prestigious animated film festival in the world, Festival International du Film d'Animation d'Annecy in Annecy, France. Fee: TBD. (Offered as needed.) 3 credits
AVE 247 - History and Aesthetics of Animation and Visual Effects	Prerequisite, Dodge College major, or game development programming minor, or visual effects minor, or animation and visual effects, or digital arts cluster. Some sections may be open to non-majors. A historical survey of animated film and alternative media including 3D cinema, interactive media, immersive media, special effects cinema, and other non-traditional forms that augment and transcend photographic motion pictures. (Offered fall semester) 3 credits
AVE 249 - Storytelling in Animation and Visual Effects	Prerequisites, AVE 247 and animation and visual effects major or animation and visual effects themed inquiry. Animation and Visual Effects majors must pass AVE 249 with a grade of B- or better before continuing on with coursework within the major. An introduction to the principles of story and how stories are created, refined, and presented in the animation and visual effects industry. Students learn about plot, structure, characters, setting, conflict, and resolution, as well as how to tell stories through beat outlines, treatments, scripts, storyboards, and story reels as used in the world of animation and visual effects. Letter grade. (Offered every year) 3 credits
AVE 256A - Beginning Character Animation for 2D	Prerequisites, AVE 206 and animation and visual effects major or animation and visual effects, or digital arts cluster. For students interested in 2D only. Using 3D CG techniques and/or traditional methodology, this course offers an overview of the basics of figure animation. Using the principles of mechanics of motion, students will learn the basics of biomechanics in the movement of bipedal and quadrapedal bodies. Students will apply their animation, timing and editing skills to develop character performance, creating movement with gesture and expression affected by environment, physical forces, other objects, and characters. Students may only receive credit for either AVE 256A or AVE 256B Letter grade. Fee: \$75. (Offered fall semester) 3 credits
AVE 256B - Beginning Character Animation for CG	Prerequisites, AVE 206 and animation and visual effects major or animation and visual effects or digital arts cluster. For students interested in CG only. Using 3D CG techniques and/or traditional methodology, this course offers an overview of the basics of figure animation. Using the principles of mechanics of motion, students will learn the basics of biomechanics in the movement of bipedal and quadrapedal bodies. Students will apply their animation, timing and editing skills to develop character performance, creating movement with gesture and expression affected by environment, physical forces, other objects, and characters. Students may only receive credit for either AVE 256A or AVE 256B. Letter grade. Fee: \$75. (Offered fall semester) 3 credits
AVE 290 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, or production company, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester) ½-6 credits
AVE 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
AVE 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of AVE 299, AVE 399 , or AVE 499 May be repeated for credit. Fee: TBD. (Offered as needed.) 1-3 credits
AVE 302 - 3D Computer Graphics II	Prerequisites, AVE 202 with B- or better, AVE 249 with B- or better and animation and visual effects major or animation and visual effects or digital arts cluster. This course begins a detailed overview of the production process used in creating digital character animation. Using the Autodesk Maya software package, students will create an animated project from initial design to final character animation. Areas covered by this class include character modeling, advanced character rigging, character animation techniques, facial animation and soundtrack synchronization. Letter grade. Fee: \$75. (Offered spring semester) 3 credits
AVE 310 - Animation and Visual Effects Industry Insiders	Through screenings, interviews, and discussions, this course explores the work of this semester's Pankey Artist-in-Residence, a filmmaker working in the realms of animation, visual effects, and/or virtual or augmented reality, as well as that of a variety of well-established guest artists. This exploration compares filmmaking techniques and creative expression across varied genres of television and motion pictures, including episodic programs, animated films, live action/visual effects films, and documentaries. Open to non-majors. May be repeated for credit. Fee: \$75. (Offered spring semester) 3 credits
AVE 323 - Color and Design: Principles and Practice	Prerequisites, AVE 209 , animation and visual effects major. Students will explore the fundamental principles of color and design as they relate to development of visual grammar in both still and motion pictures. The concepts most essential to effective visual communication and expression will be investigated through lectures, and practiced through classroom exercises and assignments. Fee: \$100. (Offered fall semester) 3 credits
AVE 329 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Fee: TBD. (Offered as needed.) 1-3 credits



<b>AVE 339 - Digital Illustration</b>	Prerequisites, AVE 109 , AVE 120 , AVE 209 and animation and visual effects major or animation and visual effects or digital arts cluster. Students learn the art and technique of matte painting for motion pictures in the digital environment using Adobe Photoshop. Students will learn visual effects secrets used at such leading-edge studios as Industrial Light + Magic. Letter grade. Fee: \$75. (Offered fall semester.) 3 credits
<b>AVE 354 - Storyboarding and Story Reels</b>	Prerequisites, AVE 249 with a B- or better, animation and visual effects major. An advanced course in telling stories using the visual mediums of storyboards and story reels. Students will visualize original stories, existing scripts, and visual effects sequences. Letter grade. Fee: \$75. (Offered as needed.) 3 credits
<b>AVE 355 - Production Design for Animation and Visual Effects</b>	Prerequisites, AVE 249 with a B- or better, AVE 323 , animation and visual effects major. An exploration of how the creation of environments situates characters and becomes a key element in the storytelling process. Going beyond the elements of production design, students working in animation and visual effects create every element of various on-screen environments using both traditional illustration and computer-generated techniques to create context and meaning. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
<b>AVE 356A - Intermediate Character Animation for 2D</b>	Prerequisites, AVE 249 with a B- or better and AVE 256A or AVE 256B and animation and visual effects major or animation and visual effects or digital arts cluster. For students interested in 2D only. Building on basic skills and knowledge of 3D production pipeline, this course begins a detailed overview of the production process used in creating digital character animation. Using the Autodesk Maya software package, students will create an animated project from initial design to final character animation. Areas covered by this class include character modeling, advanced character rigging and animation techniques, facial animation, and soundtrack synchronization. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
<b>AVE 356B - Intermediate Character Animation for CG</b>	Prerequisites, AVE 249 with a B- or better and AVE 256A or AVE 256B and animation and visual effects major or animation and visual effects or digital arts cluster. Building on basic skills and knowledge of 3D production pipeline, this course begins a detailed overview of the production process used in creating digital character animation. Using the Autodesk Maya software package, students will create an animated project from initial design to final character animation. Areas covered by this class include character modeling, advanced character rigging and animation techniques, facial animation, and soundtrack synchronization. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
<b>AVE 357 - Writing for Animation</b>	Prerequisite, SW 127 or TWP 127 or TWP 128 or SW 227 or AVE 249 and animation and visual effects or screenwriting or television writing and production major. An introduction to the basics of writing, specifically as it pertains to storytelling in the digital arts. By reviewing historical examples and theories of story principles, students learn about plot, structure, characters, setting, conflict, and resolution, then apply this information through critical thinking by telling stories through beats, outlines, treatments, and scripts. This extends to short films, TV writing and feature screenplays, culminating in the creation of an original work indented for the medium of animation. Letter grade. (Offered as needed.) 3 credits
<b>AVE 360 - Art Direction for Animation and Visual Effects</b>	Prerequisites, AVE 355 , animation and visual effects major. A continuation of the production design process through the implementation and refinement of concepts into a final style guide. Students will analyze and implement a specific artistic style into locations, characters, props, and background paintings establishing the overall look and feel of a film. 3 credits. Fee: \$75. (Offered fall semester.) 3 credits
<b>AVE 369 - Visual Effects: Fundamental Techniques and Technologies</b>	Prerequisites, AVE 120 , AVE 202 and Dodge College major or minor or animation and visual effects themed inquiry. Some sections may be open to non-majors. This course will familiarize the student with the primary software tools used in visual effects production, including MAYA, NUKE, AfterEffects, and Z-Brush, through exercises that demonstrate the predominant visual effects processes. Assignments will include tracking of live action, compositing, digital props, set extensions and environmental modeling and lighting. Letter grade. Fee: \$75. (Offered every year.) 3 credits
<b>AVE 372 - Unreal Engine for Filmmakers</b>	Prerequisite, consent of instructor. This course introduces students to the real-time rendering tools for virtual production found in the Unreal Engine. Students will explore the technical processes used in incorporating the virtual production toolsets for previsualization, environment creation, virtual cameras, real-time lighting, animation, and visual effects. Lectures will introduce the Unreal Engine Technology and demonstrate how it can be leveraged as a tool for filmmaking. Letter grade. This course may be repeated for credit. (Offered as needed.) 3 credits
<b>AVE 379 - Advanced Visual Effects Production and Workflow</b>	Prerequisite, AVE 369 In this course, students will learn the software tools and production techniques used for advanced, complex visual effects, from image capture to post-production, including particle systems, digital characters, motion/performance capture and 3D tracking with live action footage. Letter grade. Fee: \$75. (Offered fall semester.) 3 credits
<b>AVE 385 - Character Design</b>	Prerequisites, AVE 209 , animation and visual effects major. Students will learn the complex art of creating a thinking, feeling, living animated character for the screen through character designs based on an analysis of the character's personality, role in the story, and internal and external traits. They will learn to create characters that are technically capable of being manipulated for expressive movement as well as designing for style and designing a character as a member of a cast. Fee: \$100. (Offered spring semester.) 3 credits
<b>AVE 386 - Digital Illustration Techniques</b>	Prerequisite, DCFMA major, or advertising, or visual effects minor. An exploration of the world of digital imagery, visual effects and animation, focusing on the production pipeline, the current status and effect of digital imagery on film, television and other media and on the issues that relate to the digitalization of our culture. Students will create projects which combine the elements of story with computer-generated visual effects. Fee: \$75. (Offered as needed.) 3 credits
<b>AVE 392 - Advanced Pre-visualization for Motion Pictures</b>	Prerequisite, AVE 202 with a B- or better. Students will use advanced CG tools to create preliminary 3D CG representations of environments, visual effects, and motion picture sequences that are visually and technically representative of final production imagery. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
<b>AVE 399 - Individual Study</b>	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of AVE 299 , AVE 399, or AVE 499 May be repeated for credit. Fee: varies. (Offered as needed.) 1-3 credits
<b>AVE 402 - 3D Computer Graphics III</b>	Prerequisites, AVE 302 , animation and visual effects major. A continuation of the digital animation production process begun in AVE 302 Students will complete an animated project using the Autodesk Maya software package. Advanced shading, lighting, rendering and compositing techniques will be covered. Students will also be introduced to topics such as dynamics, particles, compositing and scripting. Fee: \$75. (Offered fall semester.) 3 credits
<b>AVE 429 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Some courses require student lab fees. (Offered as needed.) ½-3 credits
<b>AVE 456A - Advanced Character Animation for 2D</b>	Prerequisites, AVE 356A or AVE 356B , animation and visual effects major. For students interested in 2D only. This course offers an advanced level of study of the principles of 3-D modeling and animation to prepare students to succeed in the animation or gaming or in the film industry. Students will complete an animated project using the Autodesk Maya software package. Advanced shading, lighting, rendering, and compositing techniques will be covered. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered fall semester.) 3 credits
<b>AVE 456B - Advanced Character Animation for CG</b>	Prerequisites, AVE 356A or AVE 356B , animation and visual effects major. For students interested in CG only. This course offers an advanced level of study of the principles of 3-D modeling and animation to prepare students to succeed in the animation or gaming or in the film industry. Students will complete an animated project using the Autodesk Maya software package. Advanced shading, lighting, rendering, and compositing techniques will be covered. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered fall semester.) 3 credits
<b>AVE 457 - Animation Group Project</b>	Prerequisites, AVE 354 , AVE 385 , animation and visual effects major, junior standing. Students will collaborate in a team to create an animated short film. Students are encouraged to use this group project to demonstrate their strengths in the animation pipeline (i.e. Animation, Pre-production Art (vis dev, background/character design), VFX, etc.) Students will learn how to produce, manage and complete an animated production from start to finish experiencing the animation studio system pipeline as an animation crew member. Students will increase their knowledge of the principles of animation and the overall process of animation production by creating a reel of various assignments designed to address specific aspects of animation. Letter grade. (Offered spring semester.) 3 credits
<b>AVE 469 - On-Set and Post-Production Visual Effects Supervision</b>	Prerequisites, AVE 379 , animation and visual effects major, or visual effects minor. This course will focus on technical and management skills required of the Visual Effects Supervisor, including on-set data wrangling; budget and schedule creation; previsualization; on-set application, on-set trouble-shooting and interaction with the cinematography, production design, editorial and post-production departments for completion and delivery. This course will also focus on the visual effects pipeline: on the interaction of visual effects production with live action and the on-set experience and the use of industry-standard software to develop a visual style for expressing ideas. Fee: \$75. (Offered spring semester.) 3 credits
<b>AVE 490 - Independent Internship</b>	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
<b>AVE 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>AVE 496 - Senior Thesis I: Concept Development</b>	Prerequisites, AVE 249 with a B- or better, animation and visual effects major. Senior Thesis is a three-semester series of courses in which the student will visualize, prepare and execute the project and materials that will be his or her graduation showcase. In this first course, students will explore and develop the theme for the Senior Thesis project. They will determine the content, refine the story, establish production design, create the story reel and prepare a detailed production plan. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
<b>AVE 497 - Senior Thesis II: Pre-Production and Production I</b>	Prerequisites, AVE 302 , AVE 496 , animation and visual effects major. The second semester in a three-semester capstone series in digital media production. Each student, drawing upon the knowledge and skills developed over the course of the major as well as topics covered in this course, will produce a short film or comparable project worthy of this culminating experience. From script development to final screening, every major aspect of digital media production will be covered. Must be completed before proceeding to AVE 498 P/NP. Fee: \$300. (Offered fall semester.) 3 credits
<b>AVE 498 - Senior Thesis III: Production II and Post-Production</b>	Prerequisites, AVE 497 , animation and visual effects major. The final semester in a three-semester capstone series in digital media production. Each student, drawing upon the knowledge and skills developed over the course of the major as well as topics covered in this course, will produce a short film or comparable project worthy of this culminating experience. From script development to final screening, every major aspect of digital media production will be covered. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
<b>AVE 499 - Individual Study</b>	Prerequisite, consent of instructor. Individual research and projects. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered every semester.) ½-3 credits
<b>ANTH 102 - Cultural Anthropology</b>	The study of how human civilizations adapt to living situations by forming group identity, families, language, and symbols. The examination of how civilizations create world views and concepts of progress, culture, community, and social interaction. Students will explore these questions using models from cultures foreign and familiar. (Offered every semester.) 3 credits
<b>ANTH 201 - Physical Anthropology</b>	This is an introductory course in genetics, evolutionary theory, and primatology. It includes the study of the primate fossil record, with primary emphasis on human evolution and human variation. (Offered as needed.) 3 credits
<b>ANTH 205 - Language and Culture</b>	This course critically examines the complex relationship between language and culture. Through the theoretical lens of linguistic anthropology, students will explore how language shapes thought, perception, speech, and cross-cultural communication. Topical areas of ethnographic interest will include race, ethnicity, gender, sexuality, nationalism, and power. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
<b>ANTH 211 - Visual Culture</b>	This course offers a general introduction to cultural studies, semiotics and visual anthropology. Visual material culture, such as art, architecture, performance, film, etc., will serve as the subjects to understand why different cultures produce different types of visual artifacts and what they mean. (Offered as needed.) 3 credits
<b>ANTH 229 - Experimental Course</b>	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest in anthropology. Repeatable if course topic is different. (Offered as needed.) 1, 2, 3, or variable credits depending on the subject matter and course demands
<b>ANTH 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>ANTH 300 - Queer Anthropology</b>	Prerequisite, ANTH 102 This course is an overview of the history, theory, research methods, and contemporary ethnographic work foundational to queer anthropology. Students will engage with themes related to gender and sexuality including special emphasis on cross-cultural LGBTQIA+ activism, embodiment, narrative, and representation. (Offered as needed.) 3 credits
<b>ANTH 301 - Ethnographic Fieldwork</b>	Prerequisite, ANTH 102 or consent of instructor. An introduction to ethnography; this class will teach aspects of field research and data collection through participant observation and interviewing. Students will be taught ethnographic field research methods and writing. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
<b>ANTH 303 - Abject Bodies</b>	Prerequisite, ANTH 102 or SOC 101 or WGST 101 or WMST 101 or HUM 205 or consent of instructor. Abjection or "the state of being cast off" resonates with communities that have been neglected, marginalized, maimed, or systematically annihilated through acts of state violence and genocide. This course will explore the feminist underpinnings of Julia Kristeva's "abjection" and follow its broad theoretical applications within contemporary anthropological and interdisciplinary work. How is systemic violence embodied? To what extent are bodies rendered object of regulation and/or object of destruction? In what way has violence and inequality informed resistance movements and resilience? This course will ask students to consider how state power interacts with populations it deems abject and how this act of casting off is marked or memorialized upon flesh. Furthermore, the capacity for sustainable change and community-driven direct action will be assessed in-light of abjection. Case studies will center abjection, necropolitics, and state violence through highlighting cross-cultural examples of ableism, anti-Blackness, fatphobia, anti-indigeneity, and queophobia in North America and around the world. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
<b>ANTH 305 - Anthropological Theory</b>	Prerequisite, ANTH 102 In this course, students will critically engage theoretical trends and debates in anthropology. There is a focus on both foundational theoretical contributions as well as contemporary approaches including topics such as postmodernism, feminism, agency and power, science and technology, and post-colonialism. (Offered spring semester.) 3 credits
<b>ANTH 315 - Art and Anthropology</b>	Prerequisite, ANTH 102 This course will use anthropological approaches to analyze artistic movements and the ideological construction of "art" itself. It will take both western and non-western artifacts as its subject, situating them within larger issues of taste, class, politics, identity, and economy. (Offered as needed.) 3 credits
<b>ANTH 321 - Archaeology</b>	In this course, we consider how we know what we think we know about ancient civilizations and long extinct societies. This course seeks to describe the current state of archaeological studies. We will answer questions such as: How do archaeologists know where to dig? Why do they dig square holes? How do they analyze and interpret what they find? (Offered as needed.) 3 credits
<b>ANTH 329 - Experimental Course</b>	Prerequisite, ANTH 102 , or consent of instructor. This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest in anthropology. Repeatable if course topic is different. (Offered as needed.) 1, 2, 3, or variable credits depending on the subject matter and course demands
<b>ANTH 335 - Anthropology of Space and Place</b>	Prerequisites, ANTH 102 , anthropology minor, consent of instructor. This topics course is an introduction to both the anthropology of space and place and ethnographic fieldwork. It is structured by basic theories of proxemics, and power, and the built environment, and will have a site-specific component. Letter grade. May be repeated for credit with a different topic. (Offered interterm.) 3 credits
<b>ANTH 335a - The Anthropology of Space and Place: Disneyland</b>	Prerequisites, junior standing and anthropology minor or sociology major. This course is designed as an introduction to the anthropology of space and place and to qualitative anthropological data collection methods. Students will conduct empirical research at the Disneyland park to examine different theories of social behavior. Letter grade. (Offered as needed.) 3 credits
<b>ANTH 335b - The Anthropology of Space and Place: Ethnic Enclaves in Asian America</b>	This course is designed as an introduction to the anthropology of space and place and to qualitative anthropological data collection methods. Students will conduct empirical research in an ethnic enclave to examine the history and development of the ethnic enclave and to immerse themselves into an ethnic enclave through qualitative fieldwork. Letter grade. (Offered as needed.) 3 credits
<b>ANTH 360 - North and Middle American Indians</b>	Origins, archaeology, ethnology, and linguistic relationships of the Indians of North and Middle America. Mexican peasant culture and contemporary Indian problems are also explored. (Offered as needed.) 3 credits
<b>ANTH 361 - Conflict and Social Change in Latin America (Same as PCST 366)</b>	This course examines processes of conflict and social change in contemporary Latin America with a focus on patterns of domination and resistance. Integrating theory and case studies, the course explores colonial legacies; contested development models; revolutionary movements; gender, indigenous, and citizenship struggles; and the role of the U.S. (Offered as needed.) 3 credits
<b>ANTH 395 - Topics in Anthropology</b>	Prerequisite, ANTH 102 This course is designed to provide additional opportunities to explore topical areas and subject of special interest in anthropology. May be repeated for credit with different topic. (Offered as needed.) 1-3 credits
<b>ANTH 399 - Individual Study</b>	Prerequisites, junior standing, consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>ANTH 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>AHP 211 - Physiology</b>	Prerequisites, BIOL 204 , CHEM 140 , CHEM 140L , HSCI 210 , Pre-Pharmacy Freshman Early Assurance Program. A one semester course designed for FEAP students seeking a comprehensive human physiology class where foundational principles of physiology are presented. This course will explore laws and concepts governing the metabolism of organ systems along with laboratory activities that focus on specific organ systems. Special emphasis is made on pulmonary, muscular, endocrine, neurologic, and cardiovascular systems. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered spring semester.) 4 credits
<b>AHP 301 - Biomechanics and Functional Anatomy</b>	Prerequisites, BIOL 204 , HSCI 210 , PHYS 107 and health science, or applied human physiology major. Anatomical and mechanical principles which relate to human movement are studied. Biomechanical characteristics of bone, articular cartilage, muscles, and nervous system proprioceptors are included. Special emphasis is placed upon the learning of joint structure and the relationship between joint axis and the corresponding force vectors that are applied to the joint. (Offered every semester.) 3 credits
<b>AHP 301L - Biomechanics and Functional Anatomy Lab</b>	Prerequisites, HSCI 210 , PHYS 107 and health science, or applied human physiology major. Corequisite, AHP 301 This course is a required laboratory corequisite to AHP 301 for those on catalog years 2017-18 and prior. (Offered every semester.) 1 credit
<b>AHP 329 - Experimental Course</b>	Prerequisites, junior standing, and applied human physiology or health sciences major, and TBD per topic. Corequisites, TBD per topic. This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest in undergraduate studies. Repeatable if course topic is different. Fee: TBD per topic. (Offered as needed.) 1-6 credits
<b>AHP 340 - Advanced Topics in Physiology: Science of Obesity</b>	Prerequisites, BIOL 204 , HSCI 365 , HSCI 366 , junior standing, and applied human physiology, or health sciences major, or health sciences minor. Role of diet/exercise in weight loss and body weight maintenance is discussed. Topics include: metabolic and physiological changes during weight gain/loss, current trends in obesity, relationship between body weight and disease risk, comparison of popular diets, and recommendations for optimal weight loss and weight maintenance. (Offered spring semester.) 3 credits
<b>AHP 345 - Pathophysiology: Diet, Disease and Exercise</b>	Prerequisites, HSCI 210 , HSCI 365 , HSCI 366 , junior standing, and applied human physiology major, or health sciences minor. Focus on the etiology of major degenerative diseases in our society and the role genetics, diet, and exercise play in their development, prevention, and treatment. Diseases covered include heart disease, cancer, non-insulin dependent diabetes, osteoporosis, and hypertension. (Offered fall semester.) 3 credits
<b>AHP 407 - Applied Nutrition for Exercise, Training, and Performance</b>	Prerequisites, BIOL 204 , CHEM 140 , CHEM 140L , HSCI 210 , HSCI 365 , HSCI 366 and applied human physiology, or health sciences major, or health sciences minor. The advanced-level course presents the latest research and scientific basis for sports nutrition and the role of nutrition, exercise training and athletic performance. Emphasis will focus on the role of the energy nutrients, water, and sports supplements on the metabolic, structural and systemic adaptations resulting from each nutrient's intake and the impact of nutrient timing on the cellular and systemic response. The course provides practical information and guidelines based on the current literature for the competitive and recreational athlete to incorporate sound nutrition into an active, healthy lifestyle. (Offered fall semester.) 3 credits
<b>AHP 420 - Applied Exercise Physiology, Lecture and Lab</b>	Prerequisites, BIOL 204 , CHEM 140 , HSCI 210 , HSCI 365 , HSCI 366 This course is designed for students pursuing majors in health science, applied human physiology, and biological science. Students will consider physiological systems as interrelated and interdependent and will examine adaptations made by physiological systems when exposed to acute exercise stress. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered fall semester.) 4 credits
<b>AHP 430 - Applied Human Neurophysiology</b>	Prerequisites, BIOL 365 or HSCI 365 and consent of instructor and applied human physiology or health sciences major or neuroscience minor. Focus on the etiology, pathophysiology, and symptoms of major nervous system disorders with an emphasis on case studies. Topics include: cerebrovascular accidents, epilepsy, neurodegenerative disease, dementia, traumatic brain injury, movement and sensory disorders, pain, weakness, and brain death. Letter grade. (Offered spring semester.) 3 credits

AHP 450 - Advanced Exercise Metabolism	Prerequisites, CHEM 140, CHEM 140L, CHEM 150, CHEM 150L, BIOL 204, BIOL 205, HSCI 210, AHP 350, HSCI 365, HSCI 366 and applied human physiology or health sciences major. CHEM 230 recommended, not required. This advanced level course will cover the metabolic and cellular responses to acute and chronic exercise. Specific detail will be paid to exercise energetics and the interrelationship between the three primary energy systems and the intermediates involved in metabolic pathway inter-regulation. Selected principles from biochemistry, exercise physiology and nutrition will be incorporated into the context of exercise and exercise performance. The current scientific research covering the biochemical, metabolic, cellular and endocrine changes involved in acute and chronic exercise will be explored. (Offered every semester.) 3 credits
AHP 490 - Independent Internship	Prerequisites, applied human physiology major, consent of instructor. An independent internship related to applied human physiology, in which a student develops a learning contract in conjunction with both an on-site and faculty supervisor. 40 hours of observation/internship are required per credit hour. Up to three credits per internship site per semester may be earned. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
AHP 491 - Student-Faculty Research/Creative Activity	Prerequisites, consent of instructor and applied human physiology or health sciences major. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
AHP 498 - Capstone Seminar in Applied Human Physiology	Prerequisites, AHP 350, applied human physiology major. This capstone course will review program areas with the major. Students will also collaborate to utilize current peer-reviewed literature to develop a capstone project related to their emphasis area. This project will be presented to members of the university and/or professional community. (Offered spring semester.) 3 credits
AHP 499 - Individual Study	Prerequisites, applied human physiology major, consent of instructor. Supervised independent research/study in health sciences or human physiology. P/NP. May be repeated for credit. (Offered as needed.) 1-3 credits
ARAB 101 - Elementary Arabic I	Students develop beginning level skills in reading, writing, and speaking Arabic. Students will study basic grammar and vocabulary and will have listening and speaking practice. Students will strengthen reading and writing skills through different mechanisms including popular media and literary selections while also noting customs and cultures of the Arabic-speaking world. (Offered as needed.) 3 credits
ARAB 102 - Elementary Arabic II	Prerequisite, ARAB 101 Students develop beginning level skills in reading, writing, and speaking Arabic. Students will study basic grammar and vocabulary and will have listening and speaking practice. Students will strengthen reading and writing skills through different mechanisms including popular media and literary selections while also noting customs and cultures of the Arabic-speaking world. (Offered as needed.) 3 credits
ARAB 201 - Intermediate Arabic I	Prerequisite, ARAB 102 Conversation, concepts of grammar in review, composition, cultural and literary readings. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
ARAB 202 - Intermediate Arabic II	Prerequisite, for ARAB 201, completion of ARAB 102, or equivalent, or consent of instructor. For ARAB 202, completion of ARAB 201, or consent of instructor. Conversation, concepts of grammar in review, composition, cultural, and literary readings. (Offered every year.) 3 credits
ARAB 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-6 credits
ARAB 301 - The Language and Culture of the Arab World: A Contemporary Perspective	Prerequisite, ARAB 201, or equivalent proficiency, or consent of instructor. Exercises in modern standard and colloquial Arabic conversation and composition. Discussions are based on contemporary issues, activities and periodicals as well as the historical content that has influenced the language and culture of a major world civilization. Topical issues of significance to the Arab World and Arab Americans. Presentation of films and other video and audio material along with the printed media. (Offered as needed.) 3 credits
ARAB 399 - Individual Study	Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between instructor and student. May be repeated for credit. (Offered as needed.) 1-6 credits
ART 115 - Foundation Course in Ceramics	Introduction to the technology, history and theory of the ceramic arts. Students will learn basic hand building, wheel throwing, glazing, firing and the vocabulary applicable to the construction of ceramic pottery and sculpture. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
ART 116 - Ceramics: Form and Surface	An introduction to the materiality of clay and an array of foundational forming and firing processes pertaining to the ceramics medium. Projects will apply hand-building, wheel throwing, casting, glazing and firing methods in explorations of vessel, figurative, abstract and installation work. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
ART 117 - Ceramics of China, Korea and Japan	A foundation course in ceramics that examines the aesthetics, technology, history, cultures and practice of China, Korea and Japan in relation to artistic expression using the clay medium. Students learn how to make ceramic works directly inspired by the contributions to the field, from the originators of ceramics practices. (Offered fall semester, alternate years.) 3 credits
ART 120 - Photographic Imaging	In this course students acquire the technical skills and learn the formal qualities essential to producing black and white photographs. Emphasis is placed on basic camera and darkroom techniques and the exploration of the history and theory of photography combined with a discussion of the photographic image as it relates to contemporary and historical artistic practice. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
ART 121 - Intro to Digital Media	Prerequisite, art or art history or graphic design major or minor. An introduction to digital media as a means of artistic expression and conceptualization. Students will be instructed in digital imaging techniques including compositing and appropriation. Students will work with time-based media, such as video and sound, and learn how to use the web as a means of distribution. This course familiarizes students with the interfaces of commonly used digital media programs in the Adobe Creative Suite. Letter grade. (Offered spring semester.) 3 credits
ART 122 - Objects and Space	Prerequisite, art or art history or graphic design major or minor. An introduction to fundamentals of design, materiality, creating templates and presentation of sculptural objects and packaging. Fabrication methods in a variety of materials (wood, metal, plaster, found objects) will be explored. Letter grade. (Offered every semester.) 3 credits
ART 123 - Painting and Mark Making	An exploration highlighting the materiality of paint and physicality of mark making. Students are introduced to composition, representation, color theory, glazing, figuration and abstraction. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
ART 124 - Drawing and Planning	An examination of the variety of ways drawing is utilized in various mediums (painting, design, sculpture, video) and as a tool for understanding fundamental formal principles such as, line, value, perspective, composition, and representation. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
ART 125 - Introduction to Transdisciplinary Studio	In this course students will examine the production and theory of Transdisciplinary art works. Transdisciplinary art includes 'non-traditional' media and processes in the field of contemporary art, such as: performance art, video art, site-specific works, installation art, social practice, and institutional critique. Students will be introduced to the techniques and theories of making art in each of these areas through a series of exercises and projects. The course will also look at the history of these types of artmaking, as well as past and current artists working in similar ways. Letter grade. (Offered fall semester.) 3 credits
ART 195 - Art and Text	Required of all freshman art majors this course provides students with the vocabulary for talking and writing about the visual arts, with the goal of making them active viewers and producers of visual culture. (Offered fall semester.) 3 credits
ART 199 - Individual Study	Prerequisite, consent of instructor. May be repeated for credit. (Offered every semester.) 1-6 credits
ART 211 - Introduction to Life Drawing	Students develop basic drawing skills and visual awareness through drawing from models. Line quality, textural character, proportion, and chiaroscuro are emphasized using such media as charcoal, pencil, ink and conte crayon. In this course, students will learn perceptual, technical, and conceptual skills through a rigorous focus on the human figure. Drawing the model is an essential experience to one's growth as an artist, and a rite of passage. It connects students to the time-honored tradition, and enables them to continue the substantial history of figurative artworks. From prehistoric times, to even now in the 21st c., when artists work across a wide variety of media and practices, the human figure (be it in depiction or the use of the body itself) remains an enduring theme in art and potent subject to communicate meaning. This course focuses on that complex and compelling subject as a form and as a powerful metaphor. ART 211 and ART 311 are held together. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
ART 215 - Intermediate Ceramics	Prerequisite, ART 115, or ART 116, or consent of instructor. Continued exploration in ceramics working in variety of fabrication and glazing methods including wheel throwing, hand building, slip casting, mold making, glaze formulation, and kiln firing. (Offered every semester.) 3 credits
ART 229 - Experimental Course	Art Department experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
ART 290 - Independent Internship	Prerequisite, consent of instructor. For students majoring in art, art history, and graphic design. The internship positions will offer actual working experience in art, art history, graphic studios, and advertising agencies. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
ART 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
ART 296 - Contemporary Gallery Practice	This class will offer an examination of contemporary curatorial practices, gallery exhibition planning and strategies, portfolio preparation, interpreting contemporary criticism, and navigating the LA and Southern California contemporary galleries and institutions. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered every semester.) 3 credits
ART 299 - Individual Study	Prerequisites, freshman, or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered every semester.) 1-6 credits
ART 300 - Advanced Photography	Prerequisites, ART 120 and art or art history or graphic design major or minor or consent of instructor. In this course students acquire the technical skills and learn the formal qualities essential to producing black and white photographs. Emphasis is placed on medium and large format cameras and darkroom techniques and the exploration of the history and theory of photography combined with a discussion of the photographic image as it relates to contemporary and historical artistic practice. Letter grade. May be repeated for credit. (Offered fall semester.) 3 credits
ART 301 - Oil Painting	Prerequisite, ART 123 This course will introduce the technical methods of working with oil paint, including traditional grisaille and glazing, the wipe out method, blending, lean to fat, impasto and texture, and mixing glazing mediums. As an extension of the skills developed in Painting and Mark Making students will be encouraged to work more independently, emphasizing the importance of creativity and independent thinking. Including slide presentations, critiques, readings, written statements that introduce visual examples from art history, and contemporary artists working in oils. (Offered fall semester.) 3 credits
ART 303 - Experimental Photography	Prerequisites, ART 120 and art or art history or graphic design major or minor or consent of instructor. Laboratory and lecture course in theory, techniques, and esthetics of experimental photography. Advanced work in photographic technique with emphasis given to color printing. This course is designed to allow students the flexibility to explore new methods of photographic production, while working from a strong conceptual foundation. Letter grade. May be repeated for credit. (Offered spring semester, alternate years.) 3 credits
ART 307 - Witnessing Landscape	Prerequisite, ART 120 This is a photographic travel course that will change geographic location each time it is offered. This course will begin by distinguishing between land and landscape; exploring cultural influences and political power structures. Students will focus on the power of framing, and the consequences of light and "time" on the earth. Students will be required to do a pre-departure assignment that will be for the benefit of all students traveling for this course - based on the unique geographic, political and/or atmospheric qualities of the region we will be visiting. There will be several visits to a variety of historic sites, significant geological areas, and communities. Students will produce a photographic body of work based on their research conducted prior to leaving Chapman. Upon return the students will be given one week for post production work. Letter grade. May be repeated for credit. Fee: TBD. (Offered interterm, alternate years.) 3 credits
ART 308 - Hybrid Painting	Prerequisite, ART 123 The course develops increased sophistication in the use of a variety of painting mediums including acrylics, oils, gouaches and mixed media. The emphasis is on contemporary painting and strives to move students toward individual directions in form and content via instruction in technique in a variety of painting materials and exposure to the work of influential contemporary painters, art critics and theoreticians. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered spring semester.) 3 credits
ART 311 - Life Drawing	Prerequisite, ART 211 Students further develop perceptual, technical, and conceptual skills through a rigorous focus on the human figure and drawing live models. A variety of media is used to investigate a wide range of drawing methods, from quick gestures to highly detailed renderings. Fundamental drawing elements: line, volume, value, proportion, perspective and composition will be reviewed and remain a focus in all work produced. Students explore the figure as subject and learn how artists have used and represented the body throughout time, with an emphasis on contemporary concerns. A personal body of work that includes the representation of the figure will be produced. ART 211 and ART 311 are held together. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered fall semester.) 3 credits
ART 312 - Advanced Painting: Oils	Prerequisite, ART 123 This course provides an investigation into the many technical possibilities of working with oil paints, emphasizing the importance of creativity and personal expression at an upper division level. Students will build on knowledge and techniques mastered in beginning and intermediate painting and move towards a more critical dialogue around studio work through an awareness of art history, traditional and contemporary. Students are encouraged to pursue personal directions. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered fall semester.) 3 credits
ART 313 - Advanced Sculpture	Prerequisite, ART 122 Students refine skills and learn new techniques as they design and construct sculptures in a variety of materials. May be repeated for credit. (Offered spring semester.) 3 credits
ART 315 - Advanced Ceramics	Prerequisite, ART 115 or ART 116 or ART 117 Continued emphasis on wheel throwing, hand building, glaze experimentation, and kiln firing. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
ART 318 - Advanced Drawing	Advanced Drawing is an intensive course that focuses on aspects of contemporary drawing. It seeks to expand a notion of drawing from its traditional foundational role (where drawing exists in service of representation, or as "sketch" for an artwork in another medium) to a fully realized and complete medium unto itself. Students will explore different notions of drawing through experimentation and focused exercises, and will expand their technical and theoretical understanding of the medium. Letter grade. (Offered fall semester, alternate years.) 3 credits
ART 321 - Topics in Photography	Prerequisites, ART 120, or consent of instructor, and art, or art history, or graphic design, or studio art major, or art minor. Lecture and laboratory course in theory, techniques, and esthetics of photography. Advanced work in photography with emphasis given to a single contemporary topic or approach. May be repeated for credit if a different topic. (Offered spring semester, alternate years.) 3 credits
ART 323 - Digital Studio Photography	Prerequisite, ART 120 An advanced studio course with an emphasis on the theory and production of art utilizing studio lighting, and digital photographic processing and printing. Students should have some experience with the Macintosh computer and have access to a digital. Letter grade. This course may be repeated for credit. (Offered as needed.) 3 credits
ART 324 - Video Art	Prerequisites, ART 121, or consent of instructor, and art, or film studies, or graphic design major, or art, digital imaging and design, or graphic design minor. An advanced studio course with an emphasis on contemporary media theory and the production of art utilizing video. The course will include basic and advanced production techniques. A series of screenings, readings and discussions will examine video art in relation to contemporary art and culture. (Offered spring semester.) 3 credits
ART 325 - Topics in Transdisciplinary Studio	This is an advanced studio art course, open to all majors, in which students engage in making Transdisciplinary artworks. The class is taught with a different topic each time it is offered. Sample topics include: Autobiography; Sexuality and Identity; Jokes; Art and Language; Controversy; Pop Culture; Peace and Violence; Feminism. This class explores how contemporary theories and trends are informing the creation of artworks in non-traditional media such as: performance, video, sound art, installation, social media, augmented reality, digital media, social practice, etc. Topics in Transdisciplinary Studio encompass philosophical and discursive approaches to art, including the tropes of social justice, identity politics, institutional critique, collaboration, and more. Students will be expected to develop a portfolio of strong and innovative Transdisciplinary projects throughout this course. No prior art experience is necessary. Letter grade. Repeatable for credit if the topic is different. (Offered spring semester, alternate years.) 3 credits
ART 329 - Experimental Course	Art Department experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
ART 344 - Performance Art	Prerequisite, ART 325, or consent of instructor. This course will offer an in depth study of the theory and practice of performance art. With the idea that the body is a medium to be used as a tool for creating contemporary art, students will explore a variety of approaches to making and viewing performance art. This course will look at the history and theory of performance art, as it is distinguished from dance, theater, or other body-related actions. Students will devise their own individual and group performance art pieces, to be performed in the classroom and at site-specific venues. (Offered spring semester, alternate years.) 3 credits
ART 384A - Concepts in Contemporary Art: Intersection of Art and Science	Advanced studio art course with emphasis given to a single contemporary topic, approach or theme. Students may work in any medium as they engage with rotating topics such as interdisciplinary, curatorial, collaboration and installation practices. Themes are designed to familiarize students with topics that have relevance to contemporary art and culture. Students will explore the ways visual systems of representation in art can intersect with contemporary science by interacting with designers and engineers working on the current projects at NASA's Jet Propulsion Laboratory. (Offered as needed.) 3 credits
ART 384B - Concepts in Contemporary Art: Installation	Advanced studio art course with emphasis given to a single contemporary topic, approach or theme. Students may work in any medium as they engage with rotating topics such as interdisciplinary, curatorial, collaboration and installation practices. Themes are designed to familiarize students with topics that have relevance to contemporary art and culture. (Offered as needed.) 3 credits
ART 384C - Concepts in Contemporary Art: Art and Spirituality	Advanced studio art course with emphasis given to a single contemporary topic, approach or theme. Students may work in any medium as they engage with rotating topics such as interdisciplinary, curatorial, collaboration and installation practices. Themes are designed to familiarize students with topics that have relevance to contemporary art and culture. (Offered as needed.) 3 credits
ART 384D - Concepts in Contemporary Art: Collaborative Practices	Advanced studio art course with emphasis given to a single contemporary topic, approach or theme. Students may work in any medium as they engage with rotating topics such as interdisciplinary, curatorial, collaboration and installation practices. Themes are designed to familiarize students with topics that have relevance to contemporary art and culture. (Offered as needed.) 3 credits
ART 384E - Concepts in Contemporary Art: Curatorial Practices	Advanced studio art course with emphasis given to a single contemporary topic, approach or theme. Students may work in any medium as they engage with rotating topics such as interdisciplinary, curatorial, collaboration and installation practices. Themes are designed to familiarize students with topics that have relevance to contemporary art and culture. (Offered as needed.) 3 credits
ART 384F - Concepts in Contemporary Art: Interdisciplinary Practices	Advanced studio art course with emphasis given to a single contemporary topic, approach or theme. Students may work in any medium as they engage with rotating topics such as interdisciplinary, curatorial, collaboration and installation practices. Themes are designed to familiarize students with topics that have relevance to contemporary art and culture. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
ART 384G - Concepts in Contemporary Art: The Origins of Art and Science	Advanced studio art course with emphasis given to a single contemporary topic, approach or theme. Students may work in any medium as they engage with rotating topics such as interdisciplinary, curatorial, collaboration and installation practices. Themes are designed to familiarize students with topics that have relevance to contemporary art and culture. (Offered as needed.) 3 credits
ART 384H - Concepts in Contemporary Art: Art and the Environment	Advanced studio art course with emphasis given to a single contemporary topic, approach or theme. Students may work in any medium as they engage with rotating topics such as interdisciplinary, curatorial, collaboration and installation practices. Themes are designed to familiarize students with topics that have relevance to contemporary art and culture. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
ART 387 - The Origins of Art and Science: the Rise and Influence of Alchemy, Anatomy, Machines, and Astronomical Discoveries	The course will look at the historical intersections of art and science and the contents of museums in Florence, Milan, Venice, and nearby cities. Students will study and explore various institutions, workshops, artists and scientists as the basis for creating their own work and partner with Studio Art Center International for studio time and space. May be repeated for credit. Fee: TBD. (Offered interterm, alternate years.) 3 credits
ART 388 - Feminist Field Studies	An on-site travel course that takes place in and around a 19th century chateau in the Picardie region of rural Northern France. Embedded in the neo-feminist laboratory at the Centre Pompadour, this course is a hands-on, participatory field studies course that examines and builds contemporary feminist theory and pedagogy. Drawing upon the rich history of second wave feminism and French feminist theory, students will engage in contemporary consciousness-raising and community-building activities, using the physical and metaphorical context of the chateau to examine and deconstruct ideas of domesticity, nourishment, care-taking, and community engagement. Using the 'house' as a literal and metaphorical context, students will have the opportunity to use the chateau as their studio, and will work through a three-part collaborative workshop series that uses the house as a metaphor for individual and communal learning. Students will develop an individual theory and pedagogy of feminism, and will conclude by developing a creative project that outlines this theory. Letter grade. May be repeated for credit. Fee: TBD. (Offered summer.) 3 credits
ART 389 - International Contemporary Art in Berlin and Venice	This course will examine and implement practices, trends, and theories in contemporary art in Berlin, Germany, and Venice, Italy. Working with local artists, art professionals, and academics, and doing on-site research at the Venice Biennale exhibition, students will learn the history, structure, and strategies of contemporary art production from artists from around the world. In Berlin, students will experience the flourishing alternative art scene that has developed there since the fall of the Berlin Wall in 1989. Berlin is home to one of the most vibrant and diverse communities of contemporary artists in the world. May be repeated for credit. Fee: TBD. (Offered summer, alternate years.) 3 credits
ART 390 - Independent Internship	Prerequisites, junior, or senior standing, and consent of instructor. For students majoring in art, art history and graphic design. The internship positions will offer actual working experience in art, art history and graphic studios and advertising agencies. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits



ART 399 - Individual Study and Research	Prerequisite, consent of instructor. May be repeated for credit. (Offered every semester.) 1-6 credits
ART 410A - Special Studies in Ceramics	Prerequisite, ART 315 This course is designed to promote greater depth and independence in the study and practice relevant to conceptual and technical development of ceramic art at an advanced level. Some sections of ART 410A may be offered along with ART 315 , Advanced Ceramics. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered every semester.) 1-3 credits
ART 429 - Experimental Course	Art Department experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
ART 460 - 19th and 20th Century French Art (Cannes)	This survey of French painters examines movements and individual artists, emphasizing impressionists and artists of the School of Paris, many of whom lived and painted on the Riviera. Students visit local museums containing their works. Seminars taught in English. This course meets 3½ hours a week for 12 weeks (42 hours). When taught in French, this seminar is ART 461 (Offered every semester.) 3 credits
ART 461 - 19th and 20th Century French Art (Cannes)	This survey of French painters examines movements and individual artists, emphasizing impressionists and artists of the School of Paris, many of whom lived and painted on the Riviera. Students visit local museums containing their works. Seminars taught in French. This course meets 3½ hours a week for 12 weeks (42 hours). When taught in English, this seminar is ART 460 (Offered every semester.) 3 credits
ART 490 - Independent Internship	Prerequisites, junior, or senior standing, consent of instructor. For students majoring in art, art history, and graphic design. The internship positions will offer actual working experience in art, art history, graphic studios, and advertising agencies. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
ART 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
ART 497 - Advanced Art: Critique and Exhibition	Prerequisites, ART 195 , senior standing, and art, or studio art major, or art minor. This is a course for senior studio majors as they prepare for their capstone exhibition. Students are counseled in installation and presentation of their artwork; writing artist's statements, resume, and bio; developing a portfolio, preparing for graduate school; and internships in professional art world. (Offered spring semester.) 3 credits
ART 497A - Developing a Studio Practice for the Thesis	Prerequisite, senior standing. During the preparation for the senior thesis students will participate in committee work to develop their artistic practice and an exhibition proposal for the capstone BFA show in the spring semester. Faculty will guide students to steadily engage with their production through tailored assignments and discussion aiming to develop a self-directed studio practice. Students will work one on one with full-time faculty committee members over the semester to brainstorm subject matter, experiment technically, get exposure to new artists and artwork that relate to their work and begin drafting the writing and develop a language that critically supports their work. Students will develop a research strategy to explore their subject matter that will go tandem with preliminary sketches and experimentation in different materials. Senior exhibitions can take the form of various mediums, including installation, video, photography, sculpture, paintings, or performance. At the conclusion of the semester students will identify their artistic intentions, the central theme and materials that their senior exhibition will take, and have a clear plan for timeline, exhibition layout, budget, and artist statement. P/NP. (Offered fall semester.) 3 credits
ART 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. May be repeated for a maximum of 6 credits. (Offered every semester.) ½-6 credits
AH 200 - Ancient to Medieval Art	An introduction to the development of the visual arts from the Paleolithic (Old Stone Age) period to the Middle Ages. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
AH 201 - Renaissance to Modern Art	An introduction to the development of the visual arts in Europe, Britain, and America from the Renaissance to the 20th century. (Offered every semester.) 3 credits
AH 202 - Art of India, the Himalayas and Southeast Asia	An introduction to the sacred arts of Buddhism, Hinduism and Islam. Painting, sculpture, architecture and the decorative arts are studied as works of art and reflections of culture. (Offered fall semester.) 3 credits
AH 203 - Exchange and Evolution in the Arts of China and Japan	Examination of the traditional arts of China and Japan as expressions of their respective cultures. Major themes will include the role of the artist in society, art in the service of religion and the art as a vehicle for understanding the natural world. Emphasis will be placed on the evolution of forms and ideas as they migrate between the two cultures. (Offered spring semester.) 3 credits
AH 204 - Introduction to Museum Studies (Same as CCI 204)	3 credits
AH 205 - Arts of the Ancient Americas	As an introduction to the Art of the Ancient Americas, this survey examines cultures that lived in the Americas prior to European conquest and colonization. This course focuses on eight major cultures in Mesoamerica (Olmec, Teotihuacan, Maya, and Aztec) and Andean South America (Chavin, Nasca, Moche, and Inka). In examining a wide range of media, students will explore the central and powerful role that the visual arts played within the civilizations that produced them. This course will reveal the values and philosophies encoded in material culture, from monumental works such as architecture, city planning, sculpture, and mural painting to small-scale objects including textiles, ceramics, and metallurgy. Using a variety of interdisciplinary methods, students will reconstruct (to the degree that is possible), the meaning and function of the visual arts in multiple, interlocking economic, political and sacred spheres. (Offered every year.) 3 credits
AH 229 - Experimental Course	Art History experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-3 credits
AH 290 - Independent Internship	Prerequisites, art history major, or minor and consent of instructor. For students majoring in art history. The internship positions will offer actual working experience in art, art history and graphic studios and advertising agencies. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
AH 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
AH 300 - Art of Ancient Egypt	This course explores Egyptian paintings and reliefs from temples and tombs to reveal the meanings encoded in symbolism and iconography of funerary art. A careful analysis of artifacts will show how encoded images were seen as a form of power and a means to obtain immortality. Letter grade with Pass/No Pass option. (Offered fall semester, alternate years.) 3 credits
AH 303 - The Ancient Greek City	This course will cover all aspects of ancient Greek urban life: the planning of towns, civic spaces, religious architecture, houses and households, theaters and drama, and the economy. Athens will be the primary example. (Offered as needed.) 3 credits
AH 304 - Etruscan and Roman Art	The development of Etruscan and Roman art, 800 BCE-400 CE. The spread of Roman culture from central Italy to the ends of the Mediterranean and trans-Alpine Europe. (Offered as needed.) 3 credits
AH 305 - Early Greek Art	This course will cover the art, architecture and archeology of ancient Greece from pre-history to the beginning of the Classical period, including the Minoan and Mycenaean cultures. (Offered spring semester, alternate years.) 3 credits
AH 306 - Later Greek Art	Artistic developments across the Greek world in the archaic, classical, and Hellenistic periods (650 BCE - 100 CE). (Offered as needed.) 3 credits
AH 310 - Medieval Art	This course studies the visual arts of the period from approximately 100 BC to AD 1400 through selected examples of painting, architecture, sculpture, and the decorative arts and crafts. The course will explore the religious and social context that gave rise to the great Gothic Cathedral of France, England, and Italy. (Offered as needed.) 3 credits
AH 320 - Italian Renaissance Art	This course studies the flowering of Italian Renaissance art and architecture ca. 1350 - 1520, exploring topics such as the rise of naturalism, humanism, development of linear perspective, art of the courts, impact of changing media, and rise in the status of the artist. Artists discussed include Giotto, Donatello, Botticelli, Giovanni Bellini, Leonardo da Vinci, Raphael, Michelangelo and Titian. (Offered as needed.) 3 credits
AH 321 - Northern Renaissance Art	This course studies the flowering of Northern Renaissance art ca. 1375 - 1600, exploring the viewers interaction with the devotional image, the visualization of the spiritual and otherworldly, and exchanges with Italian culture. Artists discussed include Jan van Eyck, Rogier van der Weyden, Matthias Grunewald, Hieronymus Bosch, and Peter Brueghel. (Offered spring semester, alternate years.) 3 credits
AH 322 - Baroque Art	An introduction to the painting, sculpture, and architecture of the Baroque and Rococo periods in Europe ca. 1600-1750. Artists such as Caravaggio, Rubens, Rembrandt, Bernini, Vermeer, and Velasquez are studied against a background of political, religious, and social events and ideas. (Offered spring semester, alternate years.) 3 credits
AH 323 - Arts of Tenochtitlán-Mexico City	The arrival of Europeans in the Americas in 1492 inaugurated one of the most remarkable and brutal encounters in human history. This course will examine the visual and material culture created in the aftermath of this cultural collision in Mexico, the former Viceroyalty of New Spain, from the sixteenth to eighteenth centuries. Discussion will center on the ancient Aztec capital city of Tenochtitlán, soon to become Mexico City in the wake of Spanish invasion. The course will consider, for example, featherwork, manuscripts, mural and easel painting, sculpture, architecture and urban planning, mapping, and ritual and performance as visual practices. (Offered every year.) 3 credits
AH 324 - The Visual and Material Culture of the Early Modern World (1450-1650)	As a result of new technologies (printing, navigation, banking, communications), cultures from around the world came into an unprecedented level of contact in the early modern period. This course explores the vibrant visual and material culture that resulted from exchange networks, commerce and colonialism. The course will explore objects and images that circulated in this interconnected world across the Atlantic, Indian, and Pacific Oceans, as well as the Mediterranean Sea. We will investigate some of the intricate relationships among communities, things, and social practices, and explore a rich array of visual and material culture and technologies. These will include including architecture, ceramics, cartography, scientific instruments, costume, jewelry, textiles, ivory carving, mosaics, religious imagery, folding screens, metalworking, woodworking, automata, and the formation of the world's first museums. In addition, this course explores some of the major theoretical approaches to the study of the visual and material culture of the early modern period (1400-1650), to better understand the richness of artistic heritage in a global, early modern world. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
AH 325 - Topics in Early Modern Art	Prerequisite, junior standing. An experimental course that investigates particular aspects of the history of early modern art. Topics might include Italian sculpture, Venetian art, Florentine art, Flemish painting, Italian architecture, or colonial Latin America. May be repeated for credit if different topic. (Offered as needed.) 3 credits
AH 329 - Experimental Course	Art Department experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-3 credits
AH 330 - Nineteenth Century Art	An exploration of European art from the French Revolution to Art Nouveau. The visual arts are examined in the context of contemporary developments in society, politics, philosophy, and psychology. (Offered fall semester, alternate years.) 3 credits
AH 331 - History of Photography	A survey of photography from 1839 to the present. Emphasis will be placed on the relationship of photography to other arts and current critical issues in the field. (Offered fall semester, alternate years.) 3 credits
AH 332 - Modern Art	An introduction to the development of modernism in the visual arts ca. 1871-1945, emphasizing contemporary interests in spirituality, discoveries in science, mathematics, psychology, and new philosophical perspectives on the nature of reality. (Offered fall semester, alternate years.) 3 credits
AH 333 - Modern Russian Art	An introduction to developments in Russian art between 1700 and 1917, this course investigates Russia's relationship with Europe and Asia, the co-existence of elite and vernacular culture, the appeal to Utopian thought and revolution, the search for a distinctive national identity, and the artist's role in society. (Offered spring semester, alternate years.) 3 credits
AH 334 - Soviet and Post-Soviet Art	Explores the role of art, images, and visual culture in Russia from the 1917 Bolshevik Revolution to the present. Themes include iconoclasm and conservation, elite and popular culture, the cult of the machine and the new man/woman, the place of individuals in the collective, nationalism and internationalism, power and dissent, art's official/non-official status, nostalgia, the resumption of free expression, and the capitalist art market in the Russian Federation today. (Offered spring semester, alternate years.) 3 credits
AH 335 - Theories of Modernism	Prerequisites, ART 195 , and art, or art history, or graphic design major, or art, or art history or graphic design minor. Seminar on defining artistic movements from the advent of Modernism in the 1860s, to the Post-Modern Period of the late 20th Century; study of texts by artists, critics, and art historians; critical analysis of artworks and images that define the language of Modern and Contemporary Art. (Offered fall semester.) 3 credits
AH 336 - The Art of Fashion	This course examines the social and cultural history of fashionable dress in modern Western culture from the industrial revolution to the present. We will explore dress both as an image disseminated in many media to which multiple meanings about the wearer's identity are attached, and as a material object reflecting the economic, social and political realities of its time. Contemporary fashion trends will be considered in the light of historical examples and fashion theory. (Offered as needed.) 3 credits
AH 340 - Contemporary Art: 1945 - 1970	Surveys the major artistic developments in Europe, America, and Asia between the close of World War II and the emergence of postmodernism, including abstract expressionism, pop art, minimalism, conceptualism, and site-specific art. (Offered fall semester, alternate years.) 3 credits
AH 341 - Contemporary Art: 1970 - Present	Explores the evolution of art since 1970 in Europe, America, and Asia. Traditional media, performance, video, and installation are discussed in the light of post-modernist theory. Feminist and Marxist criticism, and the impact of mass media and new technologies. (Offered spring semester, alternate years.) 3 credits
AH 342 - Black Subjects in White Art History	This course explores both depictions of Black subjects in the western art tradition and the emergence of Black artists within an art historical canon that not only reflects white supremacy, but is actively used to further argue against the merit and very existence of Black cultural contributions in the Global North. Letter grade with Pass/No Pass option. (Offered spring semester, alternate years.) 3 credits
AH 350 - Chromophobia-Chromophilia: Color and the Making of the Atlantic World	The search for pigments and dye materials was an important aspect of trans-Atlantic colonialism. Beyond the economic imperatives of color as a commodity, however, differences in the use and perception of color came to play a central role in defining cultural difference and social status. This seminar examines such diverse aspects of "color" as commodity (pigments), language, surface, and metaphor, to name just a few. The objective will be to understand the role and function of color in shaping and re-shaping intercultural relationships between Europe, Africa, and the New World. In the course of our discussions, various media will be addressed, including painting, maps, manuscript illumination, sculpture, textiles/fabrics, and body arts. (Offered as needed.) 3 credits
AH 351 - Brazilian Art: 1500-2000	Brazil, the fifth largest nation in the world, is also one of the most culturally and ethnically diverse. Perceptions of Brazil – with its vast geography and its varied people and culture – have undergone profound transformations since the first moments of encounter of the Portuguese with Native Americans in 1500. Through such media as earthwork, featherwork, body arts, performance, landscape painting, sculpture, architecture, and video art, this course examines the history of visual and material culture in Brazil from over a 500-year period. We will pay particular attention to the complexities of artistic and intercultural exchange among Brazil's Amerindian, African and European populations. We will end examining by Brazil's vibrant contemporary art and architecture scene today, and the continuing impact of eco- and ethno-political debates. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
AH 379 - Rome: The Development of the City	Students will spend four weeks exploring Rome: its urban plan, architecture, art, and history. Students will investigate Rome from the days of its earliest settlement, ca. 1000 BCE, up through the construction of the city's latest major cultural attraction, the Museum of Contemporary Art (2010). Letter grade. Fee: TBD. (Offered summer.) 3 credits
AH 398 - Good Looking: Writing about Art and Visual Culture	Prerequisites, junior standing and ART 195 or consent of instructor and art history major or minor. This course introduces students to critical concepts, methods and debates in the study of art and visual culture. The course will cover some of the major theoretical texts and critical discourses on meaning and interpretation in the visual arts. Readings, discussions and writing assignments will raise questions central to the study of art and visual culture: What is an image? What is visual culture? What are the politics of representation? How is meaning generated in an image or object? How has the emergence of the Internet and digital technology changed our notions of the image and the ways we practice art history? Letter grade. (Offered spring semester.) 3 credits
AH 400 - Cultural Heritage and the Art World	This course will explore recent controversies involving artworks, the art market, collectors, scholars, and museums. The concept of "cultural heritage" and common/"best" practices examined with regard to these various groups. (Offered as needed.) 3 credits
AH 401 - Gender, Art, and Western Culture	This course will explore the contributions of women artists to the western art tradition from prehistory to the present day focusing on the representation of sexuality and gender and the role of art in reflecting or constructing human identities. (Offered spring semester, alternate years.) 3 credits
AH 429 - Experimental Course	Art History experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD (Offered as needed.) ½-3 credits
AH 490 - Independent Internship	Prerequisites, consent of instructor, and art, or art history, or graphic design major, or minor. The internship positions will offer actual working experience in art, art history and graphic studios and advertising agencies. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
AH 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
AH 498a - Senior Thesis in Art History: Research	Prerequisites, ART 195 , AH 398 , senior standing and art history major, or minor. The first half of the required capstone for art history majors. Students in fall semester of their senior year research a topic of their choice and prepare a research plan under supervision of a faculty advisor. (Offered fall semester.) 1 credit
AH 498b - Senior Thesis in Art History: Writing	Prerequisites, AH 498a , senior standing and art history major, or minor. The second half of the required capstone for art history majors. Students in spring semester of their senior year write a research paper on a subject of their choice under supervision of a faculty advisor. (Offered spring semester.) 2 credits
AS 150 - Asian Connections: Introduction to Asian Studies	This course provides a general introduction to Asia as a dynamic nexus of relations from interdisciplinary and intercultural perspectives. It explores Asia's varied humanistic traditions, the trajectory of modern Asia, and its role in globalization. (Offered as needed.) 3 credits
AS 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
AS 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
AS 498 - Directed Senior Project in Asian Studies	Prerequisites, AS 150 , HIST 190 This course is designed to allow students to integrate and advance their knowledge about Asia and Asian Studies in pursuit of a more sophisticated understanding of and engagement with Asia. Directed by a given Asian Studies faculty member whose expertise matches given students' interest. (Offered spring semester.) 3 credits
BCHM 100 - Introduction to the Chemistry and Biochemistry Majors and Career Paths (Same as CHEM 100)	1 credit
BCHM 208 - Introduction to Molecular Genetics, Lecture and Laboratory (Same as BIOL 208)	4 credits
BCHM 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 1-3 credits
BCHM 320 - Bioengineering and Biotechnology	Prerequisite, BCHM 208 Biotechnology describes the modification of biological organisms according to the needs of humanity, including the genetic engineering technology so prevalent today. Bioengineering is the science upon which all biotechnological applications are based. It is concerned with applying an engineering approach (systematic, quantitative, and integrative) and an engineering focus (the solutions of problems) to biological problems. Letter grade. (Offered spring semester, alternate years.) 3 credits
BCHM 329 - Experimental Course	(Offered as needed.) 1-3 credits
BCHM 335 - Biochemistry I-Biomolecules, Lecture and Laboratory	Prerequisite, CHEM 331 Biochemistry is study of the chemical and molecular interactions that occur in and constitute living organisms. In Biomolecules, students will examine the structure and function of the fundamental building blocks of life (carbohydrates, fats, proteins, and nucleic acids). This course includes a lecture and required laboratory component held at different times. (Offered fall semester.) 4 credits

<b>BCHM 336 - Biochemistry II-Biometabolism</b>	Prerequisite. CHEM 331 Biochemical study of the metabolic processes involved in the maintenance of life. Special attention is given to understanding the energetics of life and the regulation and control of biochemical reactions constituting metabolic pathways. (Offered spring semester.) 3 credits
<b>BCHM 337 - Immunology</b>	Prerequisites. BCHM 208 or BIOL 208 and CHEM 230, CHEM 230L Upper-division biochemistry and biology students are exposed to a broad overview of immunology. Cell-mediated and humoral immunology is studied in detail along with the complement system, as well as some underlying genetic mechanisms. The course concludes with a description of the abnormalities of the immune system, immunological disease, and hypersensitivity. Lecture. Letter grade. (Offered fall semester, alternate years.) 3 credits
<b>BCHM 350 - Medicinal Chemistry</b>	Prerequisites, CHEM 150 , CHEM 331 or consent of instructor. A study of the physiological, toxological, and pharmacological effects of drugs on the human body. The interaction between potent chemicals, including plant and food ingredients and living systems studied to understand biologic processes and provide strategies for treatment, prevention, and diagnosis of diseases. Lecture. Letter grade. (Offered spring semester, alternate years.) 3 credits
<b>BCHM 401 - Cancer Biology (Same as BIOL 401)</b>	3 credits
<b>BCHM 420 - Physical Biochemistry, Lecture and Laboratory</b>	Prerequisites, BCHM 208 , BCHM 335 , PHYS 108 Physical Biochemistry explores the structure of biological systems at the molecular level. The structure and function of biomembranes, protein structure and enzyme activity will be understood through the study of model supramolecular structures and biophysical techniques. The lab emphasizes quantitative techniques including data acquisition/statistics, use of computer data bases, molecular visualization, molecular modeling and computational chemistry methods. This course includes a lecture and required laboratory component held at different times. (Offered fall semester.) 4 credits
<b>BCHM 436 - Molecular Genetics, Lecture and Laboratory</b>	Prerequisites, BCHM 208 , BCHM 335 Students will examine experimental approaches to issues in molecular biology using primary journal articles in conjunction to assigned textbook readings. Students will conduct laboratory exercises using advanced molecular biology techniques. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered spring semester.) 4 credits
<b>BCHM 438 - Virology</b>	Prerequisites, BCHM 335 , and BIOL 208 , or BCHM 208 Virology examines virus structure, genetics, replication, infection, virus-host cell interaction, disease and immunology related to virus infection. This knowledge is further used to understand the applications of viruses in biotechnology and medicine. Letter grade. (Offered spring semester, alternate years.) 3 credits
<b>BCHM 487 - Nutrigenomics</b>	Prerequisites, BCHM 208 or BIOL 208 and BCHM 335 Nutrigenomics is the study of the interaction between food and genes. In the course, how components of diet regulate human metabolism through molecular mechanisms will be investigated and whether dietary requirements vary based on genotype will be discerned. Further, associated implications for clinical practice, food production, and policy development will be explored. Some sections of BCHM 487 will be held with FSN 587. (Offered fall semester, alternate years.) 3 credits
<b>BCHM 490 - Independent Internship</b>	P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
<b>BCHM 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 1-3 credits
<b>BCHM 499 - Individual Study</b>	Prerequisite, consent of instructor. Supervised independent research/study in biochemistry and molecular biology. P/NP. (Offered every semester.) 1-3 credits
<b>BIOL 100 - Student Success and Problem-solving for Biological Science Majors</b>	Prerequisites, biological sciences major, first-year standing or consent of instructor. This course prepares first-year students in the biological sciences major for science, technology, engineering, and math (STEM) courses by introducing effective academic skills and study strategies, promoting familiarity with key academic resources, and providing structured opportunities to develop problem-solving skills for first-year STEM classes. Pass/No Pass. (Offered fall semester.) 1 credit
<b>BIOL 101 - Introduction to the Biological Sciences Major</b>	Prerequisite, biological science major. This course prepares first-year biological science students for the major through advising, research seminars by biology faculty, career panels, and discussions of the primary literature. Students will complete a four-year plan and learn about research and internship opportunities within and outside the University. Biology faculty will present their research and engage the students by evaluating data and/or scientific articles related to their area of expertise. P/NP. (Offered spring semester.) 1 credit
<b>BIOL 102 - Forensics</b>	For non-science majors. Fulfills GE Natural Science Inquiry. This course integrates biology, chemistry, and physics as applied to forensics. Students will learn basic principles of science that are used in forensics investigations. They will also see how the scientific method enhances their ability to evaluate arguments surrounding forensics issues. (Offered every semester.) 3 credits
<b>BIOL 123 - Beyond Jurassic World: The Science of DNA and Dinosaurs</b>	For non-science majors. This course explores the science behind Jurassic World, ranging from the foundations of molecular and cellular biology to the fascinating world of dinosaurs and evolution. Students will apply scientific reasoning to understand the power - and limitations - of genetic engineering, and will think critically about the portrayal of such science in Hollywood and popular media. No laboratory component. (Offered every year.) 3 credits
<b>BIOL 145 - Introduction to Applications in Computational Science (Same as PHYS 145)</b>	Computational science is an emerging field of the sciences, computer science, and mathematics. This course is to provide the fundamentals of computational science, and introduce a variety of scientific applications. We will examine how scientific investigations involve computing in basic sciences such as physics, chemistry, global change, medicine and particularly biosciences. The student will be offered examples of computer simulations and data analysis. (Offered as needed.) 3 credits
<b>BIOL 156 - Hormones and Society</b>	For non-science majors. This course will focus on the major hormones produced by our bodies, as well as their effects on physiology and behavior. In addition, this course will discuss and critically evaluate claims made by mainstream media and pharmaceutical advertisements about the effects of hormones, including doping, sex change, sleep induction, and effects on the natural environment. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>BIOL 199 - Individual Study</b>	(Offered as needed.) 1-3 credits
<b>BIOL 204 - From Molecules to Cells: Evolution of Life on Earth (Gen Biol I), Lecture and Laboratory</b>	Principles of biology as a chronology of life on earth. Course focuses on the important evolutionary breakthroughs during the history of life that survive to the present day as biological principles: replication by nucleic acids, biochemical systems, gene expression and control, mitosis, meiosis, Mendelian genetics, and protist diversity. This course includes a lecture and required laboratory component held at different times. (Offered every semester.) 4 credits
<b>BIOL 205 - Evolution and Diversity of Multicellular Organisms (Gen Biol II), Lecture and Laboratory</b>	Evolution of fungi, plants, and animals (invertebrates and vertebrates); including development, anatomy, physiology, and ecology. This course includes a lecture and required laboratory component held at different times. (Offered spring semester.) 4 credits
<b>BIOL 208 - Introduction to Molecular Genetics, Lecture and Laboratory (Same as BCHM 208) Prerequisite, BIOL 204 or a score of 2.0 or better</b>	Principles of molecular genetics with emphasis on molecular biology of DNA, RNA, and gene expression. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered every semester.) 4 credits
<b>BIOL 210 - Human Anatomy, Lecture and Laboratory (Same as HSCI 210)</b>	4 credits
<b>BIOL 217 - Introduction to Microbiology</b>	Prerequisite, BIOL 204 BIOL 217 is a lecture-based course dedicated to learning the fundamentals of microbiology with an emphasis on human health. This class will focus on many aspects of microbiology including microbial diversity, the role of microbes in infectious diseases and the treatment of these microbes within the human host. Letter grade. (Offered fall semester.) 3 credits
<b>BIOL 229 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic varies. Fee: TBD. (Offered as needed.) 1-4 credits
<b>BIOL 290 - Independent Internship</b>	Prerequisite, consent of instructor. Gain experience working in the field you think you might like to enter. P/NP. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>BIOL 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>BIOL 299 - Individual Study</b>	Prerequisites, 3,000 average in biology courses, consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. An individual study may include many different aspects of biology, from cell and molecular biology to organismal biology and field studies. May be repeated for credit. (Offered every semester.) 1-4 credits
<b>BIOL 301 - Plant Biology, Lecture and Laboratory</b>	Prerequisite, BIOL 205 A comprehensive survey of the major principles associated with the study of plants and fungi. This includes: biochemistry, molecular biology, cell biology, physiology, diversity, development, evolution, and ecology. The lab and lecture are highly integrated with the lab focusing on scientific method and experimental design. A basic working knowledge of biology will be assumed. This course includes a lecture and required laboratory component held at different times. (Offered spring semester, alternate years.) 4 credits
<b>BIOL 302 - Introduction to Bioinformatics</b>	Prerequisites, BIOL 208 , CPSC 230 Students will learn how to use computer programming techniques to solve problems in biology. Students will learn the structure and capabilities of the Biopython library and will learn how to use it to automate searches of biological databases and to manipulate nucleotide and protein sequences. Data representation techniques and algorithms for sequence alignment, phylogenetic prediction, learning protein structure, and protein classification/clustering will be explored. (Offered spring semester, alternate years.) 3 credits
<b>BIOL 309 - Hormones and Behavior</b>	Students will learn about the interactions between hormones and behavior in vertebrates (including humans) and how these interactions are studied. Topics such as sexual determination, reproductive, parental, affiliative and aggressive behaviors will be covered. Lecture. Letter grade. (Offered fall semester, alternate years.) 3 credits
<b>BIOL 317 - Microbiology, Lecture and Laboratory</b>	Prerequisites, BIOL 204 , BIOL 208 Characterization and classification of organisms that constitute the microbial world (bacteria, viruses, protozoa, algae, fungi) with an emphasis on microbial physiology and cellular structure. The various roles of microorganisms in the environment and in disease are examined. This course includes a lecture and required laboratory component held at different times. (Offered every semester.) 4 credits
<b>BIOL 319 - Ecosystem Ecology, Lecture and Laboratory</b>	Prerequisite, BIOL 205 Ecosystem ecology focuses on the flow of energy and materials through the living (e.g., plants, animals and microbes) and non-living (e.g., soils and the atmosphere) components of ecological systems. This course will explore cycles of water, energy, carbon, and nutrients in terrestrial ecosystems and how these cycles have been influenced by human activities. This course includes a lecture and required laboratory component held at different times. (Offered fall semester, alternate years.) 4 credits
<b>BIOL 324 - Ecology, Lecture and Laboratory</b>	Prerequisite, BIOL 205 An introductory course focusing on principles of organisms' interactions with abiotic and biotic components of ecosystems. The course will include general principles of ecology and their contemporary application, as well as methods used in studying ecological interactions. A basic working knowledge of biology will be assumed. This course includes a lecture and required laboratory component held at different times. (Offered fall semester, alternate years.) 4 credits
<b>BIOL 329 - Experimental Course</b>	(Offered as needed.) 0-4 credits
<b>BIOL 330 - General Genetics, Lecture and Laboratory</b>	Prerequisites, BIOL 204 , BIOL 208 Patterns of inheritance involving a progression from Mendelian genetics to complex patterns of inheritance, cytogenetics, prokaryotic and eukaryotic genetics, genetic mutations and culminating in an introduction to the molecular basis of inheritance. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered spring semester.) 4 credits
<b>BIOL 338 - Ornithology, Lecture and Laboratory</b>	Prerequisite, BIOL 205 , or consent of instructor. The biology of birds: a survey of avian diversity, evolution, systematics, behavior and conservation. This course includes a lecture and required laboratory component held at different times. (Offered fall semester, alternate years.) 4 credits
<b>BIOL 343 - Computational Neuroscience</b>	Computational bioscience is an interdisciplinary field of biology, combined with computer science, and mathematics. Computational neuroscience is an important and rising field of computational bioscience. This course will provide the principles of computational neuroscience as they apply to bioscience. This course will also teach core concepts and fundamentals of computational bioscience, and advances in the field in order to gain insight into significant bioscience questions. Students will examine how scientific investigations involve experiment as well as computing in biology, biochemistry, neuroscience, and medicine. The student will learn how to use neuronal simulators such as GENESIS and XPP to build a computer model and perform simulations using experimental data. Letter grade. (Offered as needed.) 3 credits
<b>BIOL 345 - Comparative Biomechanics</b>	Prerequisite, BIOL 205 An exploration of how organisms interact with their physical environment and the principles that govern these interactions. Using biomechanical concepts and tools, students will investigate questions such as: How do amoebas crawl? How do hummingbirds fly? How do fleas jump? and Why do some spiders make seven different kinds of silk? (Offered spring semester, alternate years.) 3 credits
<b>BIOL 365 - Human Physiology Part A (Same as HSCI 365)</b>	3 credits
<b>BIOL 366 - Human Physiology Part B, Lecture and Laboratory (Same as HSCI 366)</b>	4 credits
<b>BIOL 369 - Evolution: From DNA to Dinosaurs</b>	Prerequisites, BIOL 204 , BIOL 205 This course centers on the fundamental idea of evolution, which impacts fields as disparate as genetics to paleontology. The course will include a brief history of evolutionary thought, including Darwin's idea of evolution by natural selection, and cover evolutionary timescales both small and large. Topics include population genetics, genomics, molecular evolution, evolutionary forces, formation of new species, evolutionary divergences in the history of life, and evidence of evolution, including patterns from DNA and the fossil record. Course will involve independent work with fossils and potential field trips to La Brea Tar Pits and other locations. (Offered fall semester, alternate years.) 3 credits
<b>BIOL 385 - Comparative Physiology</b>	Prerequisites, BIOL 204 , BIOL 205 or equivalent. In this course, students will explore animal physiology - the study of "how organisms work" - using a comparative, evolutionary approach. Students will investigate (mostly animal) function by asking what kinds of physiological problems organisms need to solve to survive, thrive, and reproduce. By examining differences and commonalities among different groups, students will uncover fundamental physiological mechanisms as well as their chemical and biophysical underpinnings. (Offered spring semester, alternate years.) 3 credits
<b>BIOL 401 - Cancer Biology (Same as BCHM 401) Prerequisites, BIOL 208 , BCHM 335</b>	This course is intended for upper level undergraduate students who are interested in biomedical topics. Building on the student's knowledge of cell biology, molecular biology, genetics, and physiology, the discussion will begin with the process of cell transformation and continue on to the mechanisms of uncontrolled cell division, the interactions between tumor cells and the (micro)environment, and the "renegade behavior" of cancer cells in metastasis. These principal stages of cancer will be emphasized by discussing the molecular pathways underlying signal transduction, cellular energetics, inflammation, and angiogenesis. The course also offers some insight into more clinical aspects of cancer, including diagnosis, prognosis, therapy, and prediction to therapeutic intervention. Lecture. (Offered fall semester.) 3 credits
<b>BIOL 407 - Neuroanatomy and Neurophysiology</b>	Prerequisite, BIOL 204 Anatomy and function of the human central nervous system with emphasis on sensory and motor pathways. Lecture. (Offered spring semester, alternate years.) 3 credits
<b>BIOL 410 - Developmental Biology</b>	Prerequisite, BIOL 204 Students explore recent advances in knowledge about how organisms develop from a single fertilized egg through various embryonic stages to an adult organism. (Offered fall semester, alternate years.) 3 credits
<b>BIOL 433 - Animal Behavior, Lecture and Laboratory</b>	Prerequisite, BIOL 205 An introduction to animal behavior and its relationship to fields such as psychology and neurobiology. Course explores mechanistic and evolutionary approaches to understanding behavior. Students observe behavior and write formal reports. This course includes a lecture and required laboratory component held at different times. (Offered spring semester, alternate years.) 4 credits
<b>BIOL 440 - Marine Biology, Lecture and Laboratory</b>	Prerequisite, BIOL 205 Systematics, ecology, distribution of marine organisms. This course includes a lecture and required laboratory component held at different times. Letter grade with Pass/No Pass option. (Offered spring semester.) 4 credits
<b>BIOL 450 - Cell Biology</b>	Prerequisite, BIOL 204 An approach to cell biology considering ultrastructure, cell's extracellular matrix, cellular physiology, including signal transduction between extracellular environment and cellular structure. Lecture only. Letter grade. (Offered fall semester, alternate years.) 3 credits
<b>BIOL 490 - Independent Internship</b>	Gain experience working in the field you think you might like to enter. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
<b>BIOL 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>BIOL 494 - Senior Research: Data Analysis and Presentation</b>	Prerequisites, biological sciences major, senior standing, consent of instructor. A workshop-style course in which students are mentored through the analysis and presentation of their independent research project. Students will conduct a thorough literature review, conduct statistical analyses, develop or refine writing skills, and learn how to make an effective presentation. To be accepted into the course, students must submit a two-page proposal to the faculty of biological sciences during the preceding fall semester. (Offered spring semester.) 3 credits
<b>BIOL 498 - Capstone Course for Biological Sciences Majors</b>	Prerequisites, MATH 303 , biological sciences major, senior standing, consent of instructor. A seminar course will be run according to the NSF-sponsored CREATE (consider, read, elucidate the hypotheses, analyze and interpret the data, and think of the next experiment). This class will use a guided analysis of a series of journal articles produced sequentially from a single lab or a series of papers from different labs focused on a single line of research to highlight the evolution of a research topic over a long period of time. Students will break down information from the paper and reassemble it into individual experiments as well as critically interpret the data. At the end of the semester, each student will write their own mini NSF grant proposal. The topic for discussion will vary each semester so that students can choose the capstone class most interesting to them. Lecture. Letter grade. (Offered every semester.) 3 credits
<b>BIOL 499 - Individual Study</b>	Prerequisites, 3,000 average in biology courses, consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. An individual study may include many different aspects of biology, from cell and molecular biology to organismal biology and field studies. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered every semester.) 1-4 credits
<b>BRJL 103 - Broadcast News I</b>	Prerequisite, television writing and production, or broadcast journalism and documentary major, or broadcast journalism, or documentary film minor. Students are trained in gathering information and translating that information into news stories for broadcast. Students learn to write in news style and format. The course also covers the essentials of news videography and editing. Fee: \$300. (Offered every semester.) 3 credits
<b>BRJL 204 - Broadcast and Online Newswriting</b>	Prerequisites, BRJL 103, sophomore standing and broadcast journalism and documentary major or broadcast journalism minor. This intensive writing course examines basic strategies and techniques for reporting and writing news stories in various journalistic forms with a particular emphasis on broadcast media. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
<b>BRJL 229 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Fee: TBD. (Offered as needed.) ½-3 credits
<b>BRJL 232 - Electronic Cinematography for Broadcast Journalism and Documentary</b>	Prerequisites, TWP 114 , broadcast journalism and documentary major. An introduction to digital and electronic cinematography, including basic and advanced camera functions, post-production issues and handling of digital images. Emphasis will be on lighting the interview, interior and exterior lighting and the reporter's news package. Students will shoot, edit and analyze their own material. Fee: \$300. (Offered every semester.) 3 credits
<b>BRJL 290 - Independent Internship</b>	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
<b>BRJL 299 - Individual Study</b>	Prerequisite, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of BRJL 299, BRJL 399 , or BRJL 499 May be repeated for credit. Fee: varies. (Offered as needed.) 1-3 credits
<b>BRJL 305 - Social Media Mobile Journalism</b>	Prerequisite, BRJL 103 Students will explore how journalists and news organizations are using social media and mobile platforms. Students will have hands-on experience using social media and mobile devices for news gathering, distribution and audience engagement. Topics covered will include assessing the credibility of user-generated content and ethical questions involving social media and journalism. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
<b>BRJL 307 - Mass Media Law and Ethics</b>	Students explore legal rights and restrictions for broadcast journalists, the California Shield Law, and a reporter's right to protect sources and laws governing libel and privacy. In the area of ethics students engage in issues including accuracy, objectivity, exploitation, sensationalism, staging, and taste. Open to non-majors. (Offered spring semester.) 3 credits
<b>BRJL 310 - Television and Online News Reporting</b>	Prerequisites, BRJL 103 , BRJL 204 , sophomore standing and broadcast journalism and documentary major or broadcast journalism minor. Working in one or two-person teams, students will find stories and report, shoot, write, and edit television news packages on deadline. Students will also write for online and social audiences. Letter grade. Fee: \$300. (Offered every semester.) 3 credits
<b>BRJL 329 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab or production fees. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Fee: TBD. (Offered as needed.) 1-3 credits



<b>BRJL 340 - Journalism in the 21st Century</b>	An exploration of the demands on journalists imposed by the constantly changing media landscape and audience expectations. Working professionals will share their thoughts and experiences on topics including news, sports, entertainment, podcasting, radio, social media, news-magazine/documentary, stringers, live-streaming, conflict journalism, alternative and citizen journalism. Students will have the opportunity to engage the guests both during and after class. Screening of programming on journalists and journalism will be followed by expert-panel analysis. Letter grade. (Offered fall semester.) 3 credits
<b>BRJL 346 - Networking in New York and DC</b>	Prerequisite, consent of instructor. Students observe and learn from top news and media professionals at CBS, CBS Sports, NBC, NBC Sports, Fox News, CNN, Bloomberg and more. Students produce a documentary composed of individual stories on the places and people they encounter in New York and Washington, DC. May be repeated for credit. Fee: TBD. (Offered interterm.) 3 credits
<b>BRJL 347 - The Art of the Interview</b>	Prerequisite, BRJL 103 Students will explore one of the basic tools of journalism, learning how to conduct an interview from picking the right guest to asking the right questions. They will learn how to listen, and why a successful interview is not just a conversation. The course will also explore interviews that changed history, sparked scandal and turned ordinary people into celebrities; look at different media formats, from morning TV to late night, and look at how social media and the 24-hour news cycle have changed the interview. Students will produce a series of field and studio interviews, assuming the role of interviewer and guest, as well as behind the camera duties. Letter grade. Fee: \$75. (Offered fall semester.) 3 credits
<b>BRJL 399 - Individual Study</b>	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of BRJL 299 , BRJL 399, or BRJL 499 May be repeated for credit. Fee: varies. (Offered every semester.) 1-3 credits
<b>BRJL 403 - Advanced News Videography</b>	Prerequisites, BRJL 103 , and television writing and production, or broadcast journalism and documentary major. This course offers an intense workshop in advanced news photography and editing. The course will include advanced composition, shooting for the edit room, building sequences, working without a reporter, shooting the anonymous interview, video essay, undercover photography and advanced lighting. Students will have the opportunity to view the work of NPPA award-winning photographers. Fee: \$300. (Offered as needed.) 3 credits
<b>BRJL 408 - Topics in Broadcast Journalism</b>	Prerequisites, BRJL 103 , BRJL 310 and broadcast journalism and documentary or film and television production or television writing and production major. An intensive study of one topic in the field of broadcast journalism. Letter grade. Repeatable for credit once if the topic is different. Fee: \$300. (Offered as needed.) 3 credits
<b>BRJL 408A - Anchor and Interview Workshop</b>	Prerequisites, BRJL 103 , BRJL 310 and broadcast journalism and documentary or film and television production or television writing and production major. An intensive study of one topic in the field of broadcast journalism. Anchor and Interview Workshop students develop skills in news anchoring, hosting, and interviewing. They write and produce their own mini-newscasts and interview shows. The class views and discusses the work of professionals around the country. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
<b>BRJL 408B - Sports Reporting</b>	Prerequisites, BRJL 103 , BRJL 310 and broadcast journalism and documentary or film and television production or television writing and production major. Students are provided theoretical knowledge and practical experience in sports reporting. Through lectures, demonstrations, analysis of local talent, and practical experience students learn how to find stories, report, write, and field produce in this field. Letter grade. Repeatable for credit if the topic is different. Fee: \$300. (Offered as needed.) 3 credits
<b>BRJL 408C - Film and Entertainment Reporting</b>	Prerequisites, BRJL 103 , BRJL 310 and broadcast journalism and documentary or film and television production or television writing and production major. Film and entertainment reporting students concentrate on arts reporting with an emphasis on film, film criticism, and music. The course explores the work of current arts reporters locally and around the country. Students produce field reports, photographing events such as film shoots and recording sessions. Students also arrange and conduct interviews with actors, directors, producers, and musicians. Letter grade. Repeatable for credit once if the topic is different. Fee: \$300. (Offered as needed.) 3 credits
<b>BRJL 409 - Advanced Television Reporting</b>	Prerequisites, BRJL 103 , BRJL 310 and broadcast journalism and documentary or film and television production or television writing and production major or broadcast journalism minor. This class assists the advanced broadcast journalism student in producing stories appropriate for a resume tape. Students will learn how to seek out and develop investigative story ideas, secure sources, obtain and interpret documents, and learn the essentials of producing these kinds of stories. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
<b>BRJL 411 - Sports Broadcasting</b>	Prerequisites, TWP 114 , and BRJL 103 , or FTV 130D , and television writing and production, or broadcast journalism and documentary major, or broadcast journalism, or television minor. Students learn the basics of play-by-play, sports reporting and anchoring skills. Students also gain exposure and access to broadcast or industry professionals, who are working at the highest levels in their fields. Fee: \$300. (Class views as needed.) 3 credits
<b>BRJL 414 - Producing the News, Talk or Sports TV Show</b>	Prerequisites, TWP 114 , and BRJL 103 , or FTV 130 , and television writing and production, or broadcast journalism and documentary major. During the four-week interterm course students create a concept for a TV show, build a set and produce a half-hour episode. Eligible formats include talk, news magazine and sports shows. Fee: \$300. (Offered as needed.) 3 credits
<b>BRJL 429 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. May be repeated for credit if course content is different. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Fee: TBD. (Offered as needed.) ½-3 credits
<b>BRJL 431 - Producing the Television News Magazine</b>	Prerequisites, TWP 114 , DOC 341 and BRJL 204 or BRJL 310 and broadcast journalism and documentary or film and television production or television writing and production major. Students in this class will produce a multi-part series of half-hour live-on-tape programs where a host/anchor interviews reporters and screens their long format (4-7 minutes) news magazine packages. Each show will feature 3 reporters and their stories. Letter grade. This course may be repeated for credit. Fee: \$300. (Offered spring semester.) 3 credits
<b>BRJL 432 - Producing the Newscast</b>	Prerequisites, BRJL 103 , TWP 114 and television writing and production or broadcast journalism and documentary major or broadcast journalism minor. A culminating experience for news majors. Students produce a weekly half-hour newscast for Chapman's weekly newscast, Chapman News. Newscast is broadcast locally and online at <a href="http://www.chapmannews.tv">www.chapmannews.tv</a> . This course includes a lecture and required laboratory component held at different times. Letter grade. May be repeated for credit, with consent of instructor. Fee: \$300. (Offered every semester.) 3 credits
<b>BRJL 490 - Independent Internship</b>	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
<b>BRJL 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>BRJL 499 - Individual Study</b>	Prerequisite, consent of instructor. Individual research and projects. Students must have an overall grade point average of at least 3.0 to enroll. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered every semester.) ½-3 credits
<b>BUS 100 - Introduction to Business</b>	Not required for business or accounting majors. Business and accounting majors will not receive credit for taking this course. An overview of the American business environment. Topics include forms of organizational structure, techniques of decision-making and control, managing and motivating people, marketing, production, accounting and funds management, globalization, technology and e-commerce. Cannot be used to fulfill major requirements. Letter grade. (Offered every semester.) 3 credits
<b>BUS 110 - Accounting and Finance for Non-Majors</b>	An introduction to accounting information, financial statements and basic financial decision making. Cannot be used to fulfill major requirements. (Offered every semester.) 3 credits
<b>BUS 215 - Legal Environment of Business</b>	Prerequisite, ECON 200 Introduction to the legal environment as it relates to agencies, partnerships, and corporations. Emphasis on contract law. Brief review of torts and crimes in the context of various business entities. (Offered every semester.) 3 credits
<b>BUS 216 - Business Ethics</b>	Prerequisite, satisfaction of the written inquiry requirement in the general education program. Ethics and its scope in the context of business. The course briefly covers the presuppositions of ethics and how ethics and economics are compatible, the structure of ethics, its various branches, and some of the main ethical theories. (Offered every semester.) 1 credit
<b>BUS 229 - Experimental Course</b>	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. Repeatable if course topic is different. (Offered as needed.) 3 credits
<b>BUS 290 - Internship</b>	Offers students an opportunity to earn credit and learn professional skills "on the job." A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits in one position
<b>BUS 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>BUS 299 - Individual Study</b>	Prerequisites, freshman, or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. Maximum of 6 credits. (Offered every semester.) 1-6 credits
<b>BUS 303 - Israel: Business Innovation and Culture</b>	Prerequisites, ECON 200 , ECON 201 , MGS 300 This course is designed to focus on four areas: 1. International Business 2. Entrepreneurship 3. Technology 4. Economic development. Students will study the innovation and technology-creation process and understand how Israel's unique cultural, political and economic environment enhance that process. the course will be conducted in three phases: • There will be a three-week prep session on the principles of innovation, the economic history of Israel and the role of government and venture capital-backed entrepreneurial business that will be conducted in Orange County. A short test after the three weeks will assess the students' assimilation of knowledge on these topics. • A 12-day international travel component to visit Israeli companies, universities and venture capital operations will be conducted in June 2019. Students will keep a journal of their observations during the trip. • When the class returns from Israel, there will be a follow-up session and students will write a paper summarizing what they learned in Israel. (Offered summer.) 3 credits.
<b>BUS 329 - Experimental Course</b>	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. Repeatable if course topic is different. Repeatable if course topic is different. (Offered as needed.) 3 credits
<b>BUS 475 - Business Policy: An International Perspective</b>	Prerequisites, senior standing, completion of lower and upper-division core requirements. This course examines the relationships between policy-making, strategy, tactics, and organizational control. Policy formulation and execution are of primary importance. Issues surrounding corporate ethics and social responsibility are investigated. (Offered every semester.) 3 credits
<b>BUS 486 - Business Across Cultures</b>	Prerequisites, ECON 200 , ECON 201 Students will evaluate how differences in national, corporate, and professional culture can best be orchestrated to maximize firm value. The course will also address the applicability of Western management techniques across cultures. The class will feature a series of classroom lectures and on-line assignments. There is a required 10 day international travel component to visit local and foreign invested businesses in one country located in the Pacific Rim or in South America. (Offered as needed.) 3 credits
<b>BUS 490 - Independent Internship</b>	Prerequisites, completion of lower-division core requirements, junior or senior standing, up-to-date résumé. Internships provide for integration of a student's academic and/or career interests with productive work experiences. P/NP. (Offered every semester.) ½-6 credits in one position
<b>BUS 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>BUS 494 - International Business Travel Course</b>	Prerequisites, TBD. International business travel course; content of course changes every semester. May be repeated once. Fee: TBD. (Offered as needed.) 3 credits
<b>BUS 495 - Special Topics in International Business</b>	In-depth study of an international business topic; content of course changes every semester. Letter grade. Repeatable for credit once if the topic is different. (Offered as needed.) 3 credits
<b>BUS 496 - Special Topics in Business</b>	In-depth study of a specific area; content changes each semester. May be repeated for credit. (Offered as needed.) 3 credits
<b>BUS 499 - Individual Study</b>	Prerequisite, approval of petition. For students who wish to pursue a special area of study not included in the curriculum. Maximum of 6 credits. (Offered every semester.) 1-3 credits
<b>CHEM 100 - Introduction to the Chemistry and Biochemistry Majors and Career Paths (Same as BCHM 100)</b>	This seminar course prepares chemistry and biochemistry students for the majors, research and professional experiences, and future careers. Through program advising, faculty research seminars, career and graduate program panels, and professional development, students will learn about and prepare for research and internship opportunities within and outside the University, as well as the many traditional and nontraditional chemistry and biochemistry career paths. P/NP. (Offered spring semester.) 1 credit
<b>CHEM 101 - Chemistry of Life</b>	A course for non-science majors. Lectures cover organic chemistry and biochemistry with immediate application to students' everyday lives with a local and global perspective. Topics include the chemical principles behind the molecular components of the human body, the oxygen-containing organic compounds we drink, taste and smell, fossil fuel power sources, human energy sources carbohydrates, fats and oils, and other chemicals in our bodies and environment (vitamins, hormones, pesticides, food additives, clothing polymers). Lecture. (Offered every semester.) 3 credits
<b>CHEM 103 - Chemistry of Health</b>	CHEM 103 provides a survey of the basic concepts of general, organic, and biochemistry. CHEM 103 is for the non-science major and satisfies the general education science requirement. CHEM 103 is not for students needing to take CHEM 140 - General Chemistry I (Offered fall semester.) 3 credits
<b>CHEM 105 - Chemistry of Environmental Issues</b>	A course for non-science majors. The goal of this course is to provide non-science majors with a science background that will enable them to critically evaluate environmental issues as they are presented in mainstream media. Lectures cover the basic chemistry related to air pollution, global warming, ozone depletion, energy resources (e.g., fossil vs. alternative fuels), and water quality. Lecture. (Offered every semester.) 3 credits
<b>CHEM 129 - Experimental Course</b>	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. May be repeatable for credit if course topic is different. (Offered as needed.) 1-4 credits
<b>CHEM 140 - General Chemistry I</b>	Corequisite, CHEM 140L , or previous credit for CHEM 140L Introduction to fundamental concepts in chemistry: atomic and molecular structure, periodic table, stoichiometry, chemical bonding, equations and reactions, and kinetic theory of gases. (Offered every semester.) 3 credits
<b>CHEM 140L - General Chemistry I Laboratory</b>	Corequisite, CHEM 140 Laboratory component taken with General Chemistry I. (Offered every semester.) 1 credit
<b>CHEM 150 - General Chemistry II</b>	Prerequisites, CHEM 140 , CHEM 140L Corequisite, CHEM 150L , or previous credit for CHEM 150L This is a continuation of general chemistry I. It features thermodynamics, chemical equilibrium, kinetics, solids and liquids, electrochemistry, etc. (Offered spring semester.) 3 credits
<b>CHEM 150L - General Chemistry II Laboratory</b>	Prerequisites, CHEM 140 , CHEM 140L Corequisite, CHEM 150 Laboratory component taken with General Chemistry II. (Offered spring semester.) 1 credit
<b>CHEM 229 - Experimental Course</b>	(Offered as needed.) 1-3 credits
<b>CHEM 230 - Organic Chemistry I</b>	Prerequisites, CHEM 150 , CHEM 150L Corequisite, CHEM 230L or previous credit for CHEM 230L Characteristic alkane, alkene, alkyl halide, and alcohol compounds are discussed with reference to theories, nomenclature, principle reactions, preparations, and spectroscopy. Lecture. (Offered fall semester.) 3 credits
<b>CHEM 230L - Organic Chemistry I Laboratory</b>	Prerequisites, CHEM 150 , CHEM 150L Corequisite, CHEM 230 Lab component for CHEM 230 (Offered fall semester.) 1 credit
<b>CHEM 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 1-3 credits
<b>CHEM 299 - Chemistry Research</b>	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. Pass/No Pass. This course may be repeated for credit. (Offered as needed.) 1-3 credits
<b>CHEM 301 - Inorganic Chemistry, Lecture and Laboratory</b>	Prerequisite, CHEM 230 or consent of instructor. Fundamental concepts of inorganic chemistry with emphasis on molecular structure and bonding. Periodic trends and chemical reactions explained in terms of atomic and molecular structure, and molecular orbital theory. Emphasis on transition metal complexes. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered spring semester.) 4 credits
<b>CHEM 310 - Analytical Chemistry I, Lecture and Laboratory</b>	Prerequisite, CHEM 230 Gravimetric, volumetric and introductory instrumental analysis techniques and related theory with particular emphasis on the statistical analysis of data, sample collection, and sample preparation. This course includes a lecture and required laboratory component held at different times. (Offered fall semester.) 4 credits
<b>CHEM 325 - Atmospheric Chemistry</b>	Prerequisite, CHEM 331 This course will cover the important atmospheric chemistry of both the troposphere and stratosphere. Students will be introduced to the atmosphere, its structure, physical properties and the principles that govern its chemistry before moving on to look at more detailed chemistry, both heterogeneous and homogeneous, of the troposphere and stratosphere. The relationships between atmospheric chemistry and physical climate will be examined. Letter grade. (Offered fall semester, alternate years.) 3 credits
<b>CHEM 327 - Environmental Geochemistry</b>	Prerequisite, CHEM 230 The field of environmental geochemistry involves the study of the sources, reactions, transport, effects, and fates of chemical species in the near-surface, low-temperature environment. Students will study a wide range of interactions between minerals, rocks, and water at the earth's surface that have implications on a number of environmental issues including acid mine drainage, groundwater and surface water contamination, hazardous waste management, and natural resource exploration/use. Lecture. (Offered spring semester, alternate years.) 3 credits
<b>CHEM 329 - Experimental Course</b>	(Offered as needed.) 1-3 credits
<b>CHEM 331 - Organic Chemistry II</b>	Prerequisites, CHEM 230 , CHEM 230L Corequisite, CHEM 331L , or previous credit for CHEM 331L Students build upon the fundamentals learned in CHEM 230, 230L studying organic chemistry and spectroscopic analysis of carbonyl compounds, aromatic compounds, amines, biomolecules, and electrocyclic reactions. There is an emphasis on synthetic organic chemistry in CHEM 331, CHEM 331L. Lecture. (Offered spring semester.) 3 credits
<b>CHEM 331L - Organic Chemistry II Laboratory</b>	Prerequisites, CHEM 230 , CHEM 230L Corequisite, CHEM 331 , or consent of instructor. CHEM 331L is the laboratory course for second semester organic chemistry. Experimental work will include organic syntheses and spectroscopic analysis of reaction products. (Offered spring semester.) 1 credit
<b>CHEM 338 - Symmetry in Chemistry</b>	Prerequisite, CHEM 230 Many molecules have symmetry that can be leveraged in order to predict relevant physical information of the molecule. In this course, students will learn how to take advantage of this symmetry to understand the energies, bonds, and spectra of molecules. (Offered spring semester, alternate years.) 3 credits
<b>CHEM 340 - Physical Chemistry-Quantum Chemistry, Lecture and Laboratory</b>	Prerequisites, PHYS 102 , CHEM 150 and MATH 116 or MATH 210 This course presents the theoretical basis for the quantum behavior of the microscopic world. Topics include: the failure of classical mechanics; the postulates of quantum mechanics; prototype microscopic systems; hydrogen-like atoms; multi-electron atoms; molecular orbitals; molecular orbitals; rotational, vibrational, and electronic spectroscopy; and the Boltzmann distribution. This course includes a lecture and required laboratory component held at different times. (Offered fall semester.) 4 credits
<b>CHEM 411 - Analytical Chemistry II, Lecture and Laboratory</b>	Prerequisite, CHEM 331 Scientists have an impressive and growing array of powerful and elegant instruments for gathering qualitative and quantitative information about the composition of matter. The goal of this course is to teach students how to choose and use modern instrumentation correctly and efficiently. Students will learn the basic principles of operation of modern instrumentation, the components and configurations of current instruments, applications of instruments and strengths and weakness of different instrumental methods. The course will focus on spectroscopic methods of analysis. Students will get hands on experience using modern instruments in the laboratory. This course includes a lecture and required laboratory component held at different times. (Offered spring semester.) 4 credits
<b>CHEM 429 - Experimental Course</b>	(Offered as needed.) 1-3 credits
<b>CHEM 432 - Advanced Organic Chemistry</b>	Prerequisite, CHEM 331 This course teaches the detailed study of organic reaction mechanisms. Topics covered in this course may include the development of catalysts for organic reactions, the behavior of reactive intermediates, stereochemically controlled reactions, and the application of inorganic chemistry to organic reactions. Letter grade with Pass/No Pass option. (Offered fall semester, alternate years.) 3 credits

<b>CHEM 441 - Physical Chemistry-Thermodynamics and Kinetics, Lecture and Laboratory</b>	Prerequisites, PHYS 102 , CHEM 150 , and MATH 116 , or MATH 210 This course presents the theoretical basis for the equilibrium behavior of bulk chemical systems. Topics include: equations of state; Laws of Thermodynamics; derivation and application of thermodynamic functions; physical behavior of single- and multi-component systems; colligative properties; phase equilibrium; chemical reactions; equilibrium; and reaction kinetics. This course includes a lecture and required laboratory component held at different times. (Offered spring semester.) 4 credits
<b>CHEM 444 - Computational Chemistry</b>	Prerequisites, CHEM 331 , CHEM 331L This course is designed to introduce students to essential computational chemistry techniques for modeling molecular structure and chemical reactions. Through the duration of the course, each student will gain hands-on experience tackling problems in chemistry research using the molecular modeling methods learned, while learning the underlying theories governing these methods. Topics covered in this course include, but are not limited to, molecular mechanics with applications in conformational analyses; quantum chemistry with applications in electronic structure calculations, optimization of ground and transition state structures on potential energy surfaces, reaction mechanism elucidation; isotope effects and spectroscopy calculations. Of note, each student will learn the scope and limitations of these methods, and understand how and when to use computational chemistry/molecular modeling in chemistry research. Letter grade. (Offered spring semester, alternate years.) 3 credits
<b>CHEM 451 - Molecular Spectroscopy</b>	Prerequisite, CHEM 340 , or PHYS 451 The interaction of light with matter is one of the most important experimental probes for studying atomic and molecular structure. In this course, students will learn how to use quantum mechanics and spectroscopy to explore and build a better understanding of the microscopic world. (Offered spring semester, alternate years.) 3 credits
<b>CHEM 490 - Independent Internship</b>	Prerequisite, consent of instructor. Internship in chemistry. Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 1-3 credits
<b>CHEM 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 1-3 credits
<b>CHEM 499 - Individual Study</b>	Prerequisite, consent of instructor. (Offered every semester.) 1-3 credits
<b>CHIN 101 - Elementary Chinese I</b>	Mastery of basic vocabulary and structural patterns, pronunciation, an overview of Chinese geography and customs. Five contact hours per week. (Offered as needed.) 3 credits
<b>CHIN 101a - Elementary Chinese I - Travel Course</b>	This travel seminar is taught on location in Taiwan during the summer or interterm session. This course is equivalent to CHIN 101 The objective of this course is to build a foundation in the four communicative skills: listening, speaking, reading and writing. Developing simple, but practical conversational skills and acquire a basic proficiency in reading traditional Chinese, as well as reading & writing simplified Chinese characters at about 250-character level. Strong emphases, however, will be on developing communicative skills in speaking and listening. Students can expect to be able to communicate with native speakers even though they may make mistakes. By the end of the course, students will be equipped with proper linguistic and sociolinguistic knowledge of Mandarin Chinese to be able to communicate effectively with Chinese speakers on basic daily topics. Students will attend daily classes at the University's language center in Taiwan from 9:00-12:00 pm daily and attend local cultural excursions in the afternoons led by Chapman faculty or the language center. (Offered as needed.) 3 credits
<b>CHIN 102 - Elementary Chinese II</b>	Prerequisite, CHIN 101 Mastery of basic vocabulary and structural patterns, pronunciation, an overview of Chinese geography and customs. Five contact hours per week. (Offered as needed.) 3 credits
<b>CHIN 102a - Elementary Chinese II - Travel Course</b>	Prerequisite, CHIN 101 , or CHIN 101a , or consent of instructor. This travel seminar is taught on location in Taiwan during the summer or interterm session. This course is equivalent to CHIN 102 This course is a continuation of CHIN 101 Objectives of this course remain to be developing simple, but practical conversational skills and acquire a basic proficiency in the reading and writing in both traditional and simplified Chinese characters at about the 500-character level. Strong emphases, however, will be on developing communicative skills in speaking and writing. By the end of the course, students will be equipped with proper linguistic and sociolinguistic knowledge of Mandarin Chinese to be able to communicate effectively with Chinese speakers on a variety of everyday topics. The course will also enhance the student's knowledge of the understanding of Chinese cultures. By listening to Chinese being spoken all around students, they will have an unique opportunity to learn, understand and practice the language as well as become acquainted on a daily basis with the local culture. Students will attend daily classes at the University's language center in Taiwan from 9:00-12:00 pm daily and attend cultural activities in the afternoons led by Chapman faculty or the language center. (Offered as needed.) 3 credits
<b>CHIN 199 - Individual Study</b>	Prerequisite, consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>CHIN 201 - Intermediate Chinese I</b>	Prerequisite, CHIN 102 , or equivalent, or consent of instructor. Conversation, concepts of grammar in review, composition, cultural and literary readings. (Offered as needed.) 3 credits
<b>CHIN 201a - Intermediate Chinese I - Travel Course</b>	Prerequisite, CHIN 102 , or CHIN 102a , or consent of instructor. This travel seminar is taught on location in Taiwan during the summer or interterm session. This course is equivalent to CHIN 201 This course is designed to consolidate the foundations built in CHIN 101 and CHIN 102 and continue developing students' skills in aural comprehension, speaking, reading, and writing. While all four skills are emphasized, primary attention will be given to listening and speaking, since a solid foundation in these two skills is vital to the development of reading and writing skills. Objectives of this course remain to be developing simple and practical conversational skills, as well as to acquire a basic proficiency in the reading and writing in both traditional and simplified Chinese characters at about a 800-character level. By the end of the course, students will be equipped with proper linguistic as well as sociolinguistic knowledge of Mandarin Chinese to be able to communicate effectively with Chinese speakers on a variety of everyday topics. The course will also enhance student's knowledge of the understanding of Chinese cultures. By listening to Chinese being spoken all around students, they will have a unique opportunity to learn, understand and practice the language as well as become acquainted on a daily basis with the local culture. Students will attend daily classes at the University's language center in Taiwan from 9:00-12:00 pm daily and attend cultural activities in the afternoons led by Chapman faculty or the language center. (Offered as needed.) 3 credits
<b>CHIN 202 - Intermediate Chinese II</b>	Prerequisite, CHIN 201 , or consent of instructor. Conversation, concepts of grammar in review, composition, cultural, and literary readings. (Offered every year.) 3 credits
<b>CHIN 299 - Individual Study</b>	Prerequisites, CHIN 201 , freshman or sophomore standing only, and consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>CHIN 301 - Chinese Culture and Society</b>	Prerequisite, CHIN 201 , or CHIN 201a , or consent of instructor. This travel seminar is taught on location in Taiwan during the summer or interterm session. This course is equivalent to CHIN 301. This course is designed to continue to improve the student's Chinese language skills in aural comprehension, speaking, reading, and writing. Objectives of this course are to develop practical conversational skills, as well as to acquire an intermediate proficiency in the reading and writing in both traditional and simplified Chinese characters at about a 1000-character level. By the end of the course, students will be equipped with proper linguistic as well as sociolinguistic knowledge of Mandarin Chinese to be able to communicate effectively with Chinese speakers on a variety of topics. The course will also enhance the student's knowledge of the understanding of Chinese cultures. By listening to Chinese being spoken all around the students, they will have a unique opportunity to learn, understand and practice the language as well as become acquainted on a daily basis with the local culture. Students will attend classes at the University's language center in Taiwan from 9:00-12:00 pm daily and attend cultural activities in the afternoons led by Chapman faculty or the language center. (Offered as needed.) 3 credits
<b>CHIN 301a - Chinese Culture and Society - Travel Course</b>	Prerequisite, CHIN 201 , or CHIN 201a This travel seminar is taught on location in Taiwan during the summer session. This course is designed to continue to improve the student's Chinese language skills in aural comprehension, speaking, reading, and writing. Objectives of this course are to develop practical conversational skills, as well as to acquire an intermediate proficiency in the reading and writing in both traditional and simplified Chinese characters at about a 1000-character level. By the end of the course, students will be equipped with proper linguistic as well as sociolinguistic knowledge of Mandarin Chinese to be able to communicate effectively with Chinese speakers on a variety of topics. The course will also enhance the student's knowledge of the understanding of Chinese cultures. By listening to Chinese being spoken all around the students, they will have a unique opportunity to learn, understand and practice the language as well as become acquainted on a daily basis with the local culture. Students will attend classes at the University's language center in Taiwan from 9:00-12:00 pm daily and attend cultural activities in the afternoons led by Chapman faculty or the language center. (Offered summer.) 3 credits
<b>CHIN 341 - Literary and Cinematographic Images of The Chinese</b>	Prerequisite, CHIN 201 , or consent of instructor. Literary and Cinematographic Images of the Chinese is an interdisciplinary approach to the study of Chinese cinema, history, civilization, culture, and literature. Cinema and literature have always had an enormous impact upon the ever-changing nature of popular culture. This seminar proposes to explore the manner in which these two popular art forms influence the very nature of Chinese cultural identity. (Offered as needed.) 3 credits
<b>CHIN 343 - Advanced Grammar and Composition</b>	Prerequisite, CHIN 201 , or consent of instructor. Detailed review of grammar. Exercises in various styles of writing. (Offered as needed.) 3 credits
<b>CHIN 345 - Advanced Chinese Conversation and Composition</b>	Exercises in conversational Chinese and composition. Discussions may be based on current activities and periodicals. Presentation of films. May be repeated for credit. (Offered as needed.) 3 credits
<b>CHIN 346 - Advanced Chinese Conversation and Composition II</b>	Prerequisite, CHIN 201 , or consent of instructor. Exercises in conversational Chinese and composition. Discussions may be based on current activities and periodicals. Presentation of films. May be repeated for credit. (Offered as needed.) 3 credits
<b>CHIN 347 - Business Chinese</b>	Prerequisite, CHIN 201 , or consent of instructor. This course focuses on using the target language properly in a professional setting. It is designed for students aspiring to China-focused careers and those interested in learning Chinese with materials related to business. In this course students will acquire basic business-related Chinese language skills and gain a cross-cultural perspective of Chinese business practices. Students will also be exposed to a variety of communicative situations. They will learn to cope with them, such as social interactions, business travel, oral and written contact with peers, superiors and customers, etc. (Offered as needed.) 3 credits
<b>CHIN 378 - Contemporary Chinese Society, Politics, and the Chinese-Speaking World</b>	Prerequisite, CHIN 201 , or consent of instructor. The study of the geography, political history, and cultural development of Chinese-speaking world. (Offered as needed.) 3 credits
<b>CHIN 399 - Individual Study</b>	Prerequisite, CHIN 201 , or consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>CHIN 399a - Individual Study</b>	Prerequisite, CHIN 201 , CHIN 201a , or consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. This travel seminar is taught on location in Taiwan during the summer or interterm session. Course content is chosen in conference between the instructor and student. By the end of the course, students will be equipped with proper linguistic as well as sociolinguistic knowledge of Mandarin Chinese to be able to communicate effectively with Chinese speakers on the chosen topics. Students will attend classes at the University's language center in Taiwan daily and attend cultural activities in the afternoons led by Chapman faculty or the language center. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>CHIN 490 - Chinese Independent Internship</b>	Prerequisites, completion of two 300-level courses in CHIN, consent of instructor. Independent Internship is a practical course that provides students with professional opportunities to explore and learn about their chosen careers. An important goal is to introduce students to the type of language used for specific purposes and to familiarize them to the culture of the workplace. P/NP. May be repeated for credit. (Offered every semester.) 1/2-3 credits
<b>CHIN 498 - Junior/Senior Seminar</b>	Prerequisites, CHIN 201 Students will select a research topic on a subject related to literature and/or linguistics in function with other disciplines related to the history, society or culture of any Chinese-speaking country or region in the world. Students will conduct primary and secondary source research on the topic of their choice as they write entirely in Chinese a 20 page (5,000 words not including the bibliography) capstone research paper. (Offered fall semester.) 3 credits
<b>CHIN 499 - Individual Study</b>	Prerequisite, consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>COM 100 - Introduction to Communication Studies</b>	Prerequisite, communication studies or global communication and world languages major or consent of the instructor. This course is designed to introduce the Communication Studies major to the many facets of the discipline, including its research and career options. Students will be introduced to the curriculum for the major. Special attention will be given to what constitutes human communication, how communication is studied and measured, what professional options are available to a communication studies major. This course is required for all communication studies majors. Must receive a minimum grade of B- or course must be repeated. (Offered every semester.) 3 credits
<b>COM 101 - Public Speaking</b>	An introduction to oral rhetoric, comprising the history, rationale and application of the principles of public address. Some sections of this course may be offered for majors and minors only. (Offered every semester.) 3 credits
<b>COM 102 - Public Speaking in a Diverse Society</b>	An introduction to the skills of public presentation development, oral delivery, and using supporting media, with special attention paid to informative and persuasive messages. Course emphasizes the necessity of audience analysis, as well as sensitivity and adaption to the unique cultural perspectives of listeners. Some sections of this course may be offered for majors and minors only. (Offered every semester.) 3 credits
<b>COM 108 - Chapman Radio Workshop</b>	A weekly course centered on broadcasting individual student radio shows, learning the everyday operations of Chapman Radio, and the broadcasting industry. The weekly events and issues of Chapman Radio will be addressed and discussed. The workshop also gives technical training in regards to on-air procedures, FCC and internet regulations, on and off campus promotion, studio and live engineering, and industry communications. Guest lectures from professionals in radio will occur throughout the semester. Some sections of COM 108 and COM 308 will be held together. Pass/No Pass. This course may be repeated for credit. (Offered as needed.) 3 credits
<b>COM 110 - Interpersonal Communication</b>	Students learn to apply communication skills of listening, perception, language usage, nonverbal communication, and conflict resolution. Emphasis is placed on effective communication and methods for overcoming barriers to interpersonal communication. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered every semester.) 3 credits
<b>COM 151 - Mass Communication</b>	From Gutenberg to Web sites, this course examines the historical development of mass media forms and products and evaluates the impact of mass media on cultural values, social norms and movements in the U.S. and around the world. Some sections of this course may be offered for communication studies majors and strategic and corporate communication majors only. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
<b>COM 195 - Communication Research I</b>	Communication Research I focuses on understanding how people behave in creating, exchanging, and interpreting messages. Students will become familiar with survey research, experimental research, rhetorical criticism, and ethnographic criticism. (Offered every semester.) 3 credits
<b>COM 210 - Theories of Persuasion</b>	A survey of advocacy from Aristotelian principles to contemporary practices. Emphasis is on the interdisciplinary generation of persuasion theories from post World War II to the present that empower recognition, analysis and evaluation of persuasive messages. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. Letter grade. (Offered every semester.) 3 credits
<b>COM 210B - Theories of Persuasion for Non-Majors</b>	A survey of advocacy from Aristotelian principles to contemporary practices. Emphasis is on the interdisciplinary generation of persuasion theories from post World War II to the present that empower recognition, analysis and evaluation of persuasive messages. Letter grade. (Offered as needed.) 3 credits
<b>COM 211 - Intercultural Communication</b>	The course reviews basic concepts and theories, deals with crucial skills needed for intercultural communication, and raises ethical questions. By exploring research findings and observations of a variety of cultures and discussing their own experiences as intercultural communicators, students will develop basic analytical and practical competence as global intercultural communicators. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered every semester.) 3 credits
<b>COM 212 - Group Communication</b>	This course is designed to provide the student with the skills necessary to participate effectively in problem-solving groups. Instruction includes theory and technique. Competencies in group communication are developed through in-class exercises and case studies. Some sections of this course may be offered for majors only. (Offered every semester.) 3 credits
<b>COM 219 - Business and Professional Communication for Business Majors</b>	Prerequisite, accounting, or business administration major. This course will build students' business and professional communication competence in ways that reflect (1) job market, cultural, technological, and social demands; and (2) the findings of empirical research in communication and related disciplines. Offered for Business Administration and Accounting majors only. (Offered every semester.) 3 credits
<b>COM 229 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest and may be repeated for credit if course content is different. Course titles, Prerequisites, and credits may vary. Some topics may require student lab Fees. May be repeated for credit, if course topic is different. Some topics may require student lab Fees. (Offered as needed.) 1-3 credits
<b>COM 251 - Issues in Mass Communication</b>	An in-depth exploration of the personal, ethical, social, political and economic issues raised by the increasing impact, power and ubiquity of the mass media in the United States and around the world. Is the world a better place because of the mass media? This course attempts to answer that question. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
<b>COM 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>COM 295 - Introduction to Research Methods</b>	Prerequisites, COM 100 , or SCC 100 with a grade of B- or higher and communication studies or global communication and world languages or strategic and corporate communication major. Introduction to Research Methods focuses on the process of how researchers study the creation, exchange, and interpretation of messages. Students will gain experience understanding and evaluating existing research as well as designing their own research projects. The course will cover a range of quantitative and qualitative approaches to studying human communication, including survey, experimental, observation, interview, and content analysis designs. Some sections of this course may be offered for majors only. Students may only receive credit for either COM 295, or SCC 295 (Offered every semester.) 3 credits
<b>COM 298 - Careers in Communication</b>	Appropriate for students who are in the process of exploring and defining career goals, this course explores personal interests, values, and abilities; and examines methods of researching information on careers. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. May be repeated for credit. (Offered as needed.) 1 credit
<b>COM 302 - Sports Communication</b>	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. Sports Communication is a course designed to provide students with a complete overview of public relations opportunities within the sports industry. The course will take a detailed look at all elements of sports public relations including newspaper, radio, television, agency, internet, colleges, first and second tier sports and major professional teams. The course will include lecture time, guest speakers and group activities. Class participation, brainstorming and problem-solving situations also will be key components of the class. The students will learn to become sports publicists over the course of the semester and understand both the high stakes and time pressures involved with the responsibilities. Students who have taken COM 329 Sports Communication may not enroll in this course. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
<b>COM 308 - Advanced Chapman Radio: Special Event Broadcasting</b>	Prerequisites, COM 108 While COM 108 Introduction to Chapman Radio centers on developing individual student shows, the advanced Chapman Radio course moves beyond this individual focus and centers on broadcasting special events at Chapman. Specifically, students in this class will be tasked with learning remote broadcasting technology and equipment, establishing a remote connection back to the Chapman Radio studios and broadcasting events like sporting events, guest speakers, music performance, and other special events. Students will learn the technical side of remote broadcasting, hosting special events, in particular play-by-play for sporting events, and programming a 24-hour live stream. Some sections of COM 108 and COM 308 will be held together. Pass/No Pass. This course may be repeated for credit. (Offered as needed.) 3 credits
<b>COM 310 - Business and Professional Communication</b>	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. This course will build students' business and professional communication competence in ways that reflect (1) job market, cultural, technological, and social demands; and (2) the findings of empirical research in communication and related disciplines. Some sections of this course may be offered for communication studies majors and/or strategic and corporate communication majors only. Students may only receive credit for either COM 219 or COM 310. Letter grade. (Offered as needed.) 3 credits
<b>COM 311 - Gender and Communication</b>	Students will be introduced to the complex ways in which communication and gender interact. Attention will be given to the socially endorsed views of masculinity and femininity as taught to individuals through a variety of cultural means. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
<b>COM 314 - Communication Theory</b>	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite and communication studies or global communication and world languages or strategic and corporate communication major. Students will be introduced to the theories and ideas that shape how we understand the human communication process. Through the use of communication theories, each student will be provided an explanation of how and why humans interact, communicate, and make various communication choices. (Offered as needed.) 3 credits
<b>COM 317 - Media and Politics</b>	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. An examination of the role of the mass media in the American political process. Topics include various models and theories of political communication, the construction of news, agenda setting, mass media effects, campaign communications, and the impact of press coverage of political actors and institutions. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. Some sections may be taught with POSC 317 (Offered as needed.) 3 credits



COM 328 - Mass Media Effects	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. The course examines the effects of mass media on individuals and groups in society. Media content and effects are explored in various domains, including violent, sexual, pro-social and news media. The course begins with a historical overview of theory, methodology and research in the realm of media effects. The course continues with extensive survey of contemporary research about the role of media in facilitating changes in people and society, and consideration of possible explanations of how media effects occur. The course will conclude with discussion of possible ways to diminish socially undesirable media effects. Specifically, the effectiveness of media literacy programs and media regulation will be considered. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 329 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest and may be repeated for credit if course content is different. Course titles, and Prerequisites, may vary. Some courses require student lab Fees. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. May be repeated for credit, if course topic is different. Some topics may require student lab Fees. (Offered as needed.) 3 credits
COM 330 - The Origins of Western Civilization: Mathematics and Philosophy in Magna Graecia and Ancient Sicily (Same as MAT 330)	3 credits
COM 334 - Communication Through Entertainment	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 295 or SCC 295 with a minimum grade of C or as a corequisite. Whether by design or by accident, by example or by association, for better or for worse, entertainment media have an uncanny power to impact and effect attitudes and behavior. Why else would advertisers covet placement of their advertisements alongside entertainment productions, use of their products by entertainment stars, or integration of products organically into entertainment? Over the course of the decades, not only have commercial advertisers taken advantage of these methods to market their wares, but in contemporary times a number of interest groups have adapted them for and mastered their use in the communication of public service messages, spawning the field of Entertainment Communication as a cottage industry that has proven most effective at educating the viewing public about a myriad of health and social issues. This class will provide both a theoretical and a practical approach by examining underlying theories of behavior change, reviewing the evolution of Entertainment Communication as a present day common practice, analyzing various past real world examples of Entertainment Communication applications, and then applying those concepts creatively by designing an Entertainment Communication campaign for an existing contemporary television series. By combining research and practical skills, students will understand how Entertainment Communication works and how it can be applied in their professional lives. Letter grade. (Offered as needed.) 3 credits
COM 336 - Effective Sport/Organizational Communication: Leading Teams and Individuals	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 295 with a minimum grade of C or as a corequisite and communication studies or strategic and corporate communication or global communication and world languages major. The course will cover the major themes of effective communication through the lens of sports and organizations. Students will study the most dynamic and effective communicators in their field, as well as the theory and methods behind their styles. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
COM 337 - Image and Marketing of Cities	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 295 with a minimum grade of C or as a corequisite and communication studies or strategic and corporate communication or global communication and world languages major. "What is a city for?" "Why do people choose to live in a place?" "Where should people move their business?" These are critical questions for regions and cities. This class focuses on the mythology of cities, and ways that communities market themselves to the world. In terms of skills, this ability to hone a message is one of the critical areas for real estate, engineering and business promotion firms. The class will focus first on the basics of urban development, from the earliest times to modernity, and then turn to the issue of marketing. The course will bring in key speakers with backgrounds in economic development, the Middle East, suburbia, millennials and other related topics. Given the current situation, the course will also focus on issues concerning pandemics and the more recent accelerated moves to smaller cities and suburbs. Letter grade. (Offered as needed.) 3 credits
COM 338 - Podcast Production and Editing	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 295 with a minimum grade of C or as a corequisite and communication studies or strategic and corporate communication or global communication and world languages major. This course is designed to advance the goal of vision through persuasive messaging with an evidence-driven introduction to emerging technologies and digital media, organizational communication, mass communication, and intercultural communication. After successfully completing this class, students will have an understanding of how Podcasting works, how it differs from terrestrial and satellite offerings. Students will gain operational skills and understand responsibilities including "Pod-Safe" best practices and music licensing compliance. The class will learn how to get Podcast on iTunes, Google Play, Spotify and other high-profile outlets. Students will be ready to meet the challenges and opportunities technology reveals in the future. This class will focus heavily on the creative process; being a host, putting together a show, conceptualizing informative and entertaining content, how to identify the target audience, and how to market a podcaster and a show to that audience. IMPORTANT: each member of the class will produce a weekly podcast by mid-semester. Letter grade. (Offered as needed.) 3 credits
COM 350 - Mass Communication Theory	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 151. COM 295 with a minimum grade of C. The course introduces students to major theories of media audiences, media effects, media structures and processes, as well as media content and meaning. Theories will be discussed in their historical and philosophical context. Students will be expected to understand the key concepts of each theory and be able to apply them to everyday life situations and communication artifacts. Letter grade. (Offered as needed.) 3 credits
COM 351 - Propaganda and Public Opinion	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. Starting with classical Hellenic rhetoric, particularly Aristotle's applications to politics, the course deals with how the Western tradition of political rhetoric has been extended worldwide to mass-media based societies favoring the ideologies of democracy, capitalism, fascism, and communism, etc. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 355 - Family Communication	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 295 or SCC 295 with a minimum grade of C or as a corequisite. This purpose of this course is to enhance understanding about communication patterns within families. This course examines theory/research on the role of communication in creating and maintaining healthy marriages and families. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. Letter grade. (Offered as needed.) 3 credits
COM 360 - Mindful Communication	Mindfulness will be applied to develop better presentation, interpersonal and group communication skills. Through an in-depth look at self-concept, verbal and nonverbal language and listening skills, students gain an increased awareness of the way they perceive themselves and others as well as the cultural and ethical implications of their communication behavior. (Offered every year.) 3 credits
COM 372 - Introduction to Health Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. This is a survey course introducing the student to principles that hold particular importance to health communication. The emphasis will be on empirical research in health communication. As part of the exploration of contextual topics, patient-provider interaction and interpersonal communication in health contexts will be examined. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 388 - Advanced Interpersonal Communication	Prerequisites, COM 110 with a minimum grade of C and COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. Relationships are a fundamental part of the human experience. This course will focus on understanding the communicative processes inherent in creating, maintaining, and dissolving a variety of close relationships. Issues related to interpersonal attraction, and self-disclosure are some of the topics that will be explored in-depth. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 393 - Communication Law	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. The course will provide the student with an overview of the basic issues of communications law in the United States, with a focus on constitutional issues such as Freedom of Speech and Expression, Rights of Privacy, Intellectual Property, etc. The goal is to provide the potential media professional with an understanding of the manner in which the law impacts a civil society which uses mass media ranging from newspapers to the Internet. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 399 - Individual Study	Prerequisites, junior standing, consent of instructor. Individual study and research offered to students in order to research particular topics that are not provided for by regular curriculum offerings. Students design their individual research or projects under the guidance of a faculty member. May be repeated for credit. (Offered as needed.) 1-6 credits
COM 401 - Persuasive Speaking	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. This course focuses on persuasive public speaking skills used in politics, social change, organizational needs, sales presentations, news media coverage, and commercials, and highlights discrete factors in persuasion, such as problems in determining the effect of persuasive messages, source credibility, and message variables. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 410 - Organizational Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. Instruction includes a mix of theory and practice of interpersonal communication in organizational settings. Major research theories are experienced through analysis of case studies and guided role-play of typical situations in organizations. Some sections of this course may be offered for communication studies and strategic and corporate communication majors only. (Offered every semester.) 3 credits
COM 411 - Communication in the Global Workplace	Prerequisites, COM 100 or SCC 100 and COM 211 with a minimum grade of B- and COM 295 or SCC 295 with a minimum grade of C. This course, using a case-study approach, aims to help people of different cultures to effectively communicate and work together in the global workplace by breaking down conceptual, theoretical, perceptual and practical barriers. Some sections of this course may be offered for global communication, communication studies and/or strategic and corporate communication majors only. Letter grade. (Offered as needed.) 3 credits
COM 412 - Communication and Workplace Technologies	Prerequisites, COM 100, or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. This course examines how emerging technologies both help and hinder workplace communication. We examine theory, practical applications, key scholars, and current empirical research. We use case studies to provide context for learning how to thrive in the contemporary, often global for-profit and non-profit organization. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 415 - Communication and Virtual Organizing	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 295 or SCC 295 with a minimum grade of C. This course examines how social media and emerging technologies make organizing without a traditional organization possible. The course explores how human agents and technological tools co-create virtual organizations through strategic cycles of recursive interactions. This is done through the examination of theoretical frameworks, practical strategies, and current empirical research. Students work in teams to link communication theories and organizational practices to build effective virtual organizations. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. Letter grade. (Offered as needed.) 3 credits
COM 429 - Experimental Course	Prerequisite, junior standing. Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest and may be repeated for credit if course content is different. Course titles, prerequisites, and credits may vary. Some sections of this course may be offered for Communication Studies and/or Strategic and Corporate Communication majors only. May be repeated for credit, if course topic is different. Some topics may require student lab fees. (Offered as needed.) 1-3 credits
COM 440 - Conflict, Negotiation and Power	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. Aspects of personal power and global power will be studied in relationship to conflict resolution. Students will apply theoretical methods using real world case studies. Emphasis is on early recognition of unhealthy conflict, accurate diagnosis of its causes and the development of effective communication-based intervention strategies. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 445 - Social Media and Contemporary Society	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 295 or SCC 295 with a minimum grade of C and COM 151 This course is a two-part journey through the recent integration of social media into society. This course will explore the historical roots of new and social media, spending time understanding the roles of each of the major social media (e.g., AIM, Facebook, YouTube, Twitter). This course will investigate a variety of ways that new media has influenced important areas of everyday life (e.g., politics, health, privacy, relationships). An understanding of social scientific research methods is helpful, but not required. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. Letter grade. (Offered as needed.) 3 credits
COM 452 - Political Communication	Prerequisites, COM 100, or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. Students will be introduced to the systematic and theoretical role of communication in society and politics. The course focuses on the variables of political communication, even as a particular context may be explored- e.g. the American Presidency, the UN and Global Politics, local California politics, etc. In all of these, the nature of democratic (political campaigns, debates and election strategies) vs. non-democratic processes will be examined and critiqued. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 456 - Mother-Daughter Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. The mother-daughter relationship has been explored in literature, film, and in the social sciences. This course will examine the mother-daughter relationship through social, psychological, developmental, and relational communication lenses. The course challenges students to explore the socially constructed nature of the mother-daughter relationship in film and investigate the many ways this unique relationship is understood through the social sciences. In addition to examining the social construction of the mother-daughter relationship across time, contemporary social science theories will be discussed and students will be challenged to assess how these theories do or do not help to explain their own personal maternal relationships. This mother-daughter communication course is an upper division course that contributes toward students' personal development and complements students' interests in pursuing counseling, pastoral, health, gerontology, social services and other career ambitions involving a need to understand family relationships. COM 456 may be used to fulfill major requirements for upper division credits. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. Letter grade. (Offered as needed.) 3 credits
COM 480 - Nonverbal Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. Students learn to identify and apply nonverbal communication cues such as body movements, vocalics, use of space and environment, physical appearance, and touch. Emphasis is placed on understanding specific functions of nonverbal communication and the successful use of nonverbal communication in various contexts. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 482 - Advanced Health Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. This is a survey course exposing the student to principles that hold particular importance to health communication and campaigns. The emphasis will be on both seminal and recent research trends, with specific attention directed toward relevant research designs and methodologies. As part of the exploration of contextual topics, types of health campaigns will be examined, and students will have an opportunity to participate in an active and ongoing campaign. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 485 - Media and Relationships	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. The course involves three sections: a) media effects, b) interpersonal communication, and c) the ways in which these two bodies of research are integrated and applied. Students will learn how media exposure and use impacts perceptions of and behaviors within various interpersonal relationships. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 488 - Darkside of Interpersonal Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. Relationships are a fundamental part of the human experience, yet communicating in relationships is not always productive. This course will focus on understanding negative and dysfunctional communication in a variety of interpersonal contexts. Jealousy, gossiping, teasing and bullying, infidelity, deception and lying, and verbal and physical aggression or violence are some of the topics that may be explored in-depth. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 490 - Independent Internship	Prerequisites, consent of instructor and communication studies, or strategic and corporate communication major. In coordination with the Career and Professional Development Center, opportunities are for students to explore career options and develop skills by associating with professional agencies. Consult advisor. A maximum of 6 hours can be applied to major requirements. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
COM 491 - Student-Faculty Research/Creative Activity	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, and consent of instructor, and communication studies, or strategic and corporate communication major. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered as needed.) 1-3 credits
COM 493 - Ethical Controversies in Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. The goal is to provide an in-depth understanding and application of ethical standards in a variety of communication contexts. Students will explore alternative ways of evaluating and responding to communication problems. Students will be able to identify, describe, and apply appropriate features of ethical communication interventions. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
COM 495 - Research Seminar in Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. Topics for this course vary. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits (Offered every semester.) 3 credits
COM 499 - Individual Study	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, and consent of instructor. Individual study and research offered to students in order to research particular topics that are not provided for by regular curriculum offerings. Students design their individual research or projects under the guidance of a faculty member. May be repeated for credit. (Offered as needed.) 1-6 credits
CENG 231 - Systems Programming	Prerequisite, CPSC 230 Corequisite, CENG 231L This course introduces students to concepts and techniques in systems programming with the programming languages C and C++ in a "nix environment. Students will gain insight into hardware-software interfaces through hands-on projects involving system calls, concurrency, network programming, memory mapping, and low-level mechanisms for inter-process communication. A laboratory component will allow students to implement conceptual ideas in code for enterprise, real-time, and embedded hardware targets. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
CENG 231L - Lab - Systems Programming	Prerequisite, CPSC 230 Corequisite, CENG 231 Laboratory component of CENG 231 Letter grade with Pass/No Pass option. (Offered spring semester.) 1 credit
CENG 298 - Computer Engineering Colloquium	Students will be exposed to topics in computer engineering through directed reading, guest speakers, and practicums. P/NP. May be repeated for credit. (Offered every year.) 1 credit
CENG 350 - Embedded Systems	Prerequisite, CENG 231 An in-depth study of the high-level abstract modeling concepts and the lower-level fundamental programming aspects of real-time embedded systems development. The primary focus is in the design, development and validation of microprocessor-based real-time embedded systems. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CENG 353 - Wireless Communication	Prerequisite, CPSC 353 Wireless networks play an increasingly important role in the world of communications. This course provides an introduction to various current and next generation wireless networking technologies, and undertakes a detailed exploration of fundamental architectural and design principles used at all layers. Related protocols and their performance are studied using formal analytical tools and realistic simulations. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CENG 370 - Topics in Computer Engineering	Advanced topics in computer engineering. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered as needed.) 3 credits
CENG 380 - Real-Time Operating Systems	Prerequisites, CENG 350 , CPSC 380 The theory and practice of developing real-time and embedded systems. The course provides an integrated approach to developing low-power systems with hardware, software, sensors, actuators, controllers and networking. Students will learn to develop a programmable embedded platform from scratch, interface a variety of sensors and actuators for interactive systems, build a gaming system, program an emulator to play retro games, control an autonomous robot and write an RTOS kernel from scratch. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CENG 381 - Modeling and Simulation	Prerequisite, CENG 231 Fundamentals and techniques for designing and using simulation, modeling, and optimization algorithms with applications in system performance modeling, business infrastructure modeling, and distributed and parallel computing. An introduction to advanced complex systems models. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CENG 382 - Digital Signal Processing	Prerequisites, CENG 381 and MATH 116 or MATH 210 This course covers the techniques and tools of modern digital signal processing. Techniques for processing signals are examined including discrete-time linear systems, finite impulse response digital filters, infinite impulse response digital filters, fast Fourier transforms, response of LTI systems to statistical signals, digital filter design, and applications. Students will gain insight into evaluating DSP systems and justifying choices among alternative designs. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CENG 390 - Robotics	Prerequisites, CENG 231 or CPSC 231 and EENG 200 Students discover the fundamentals of kinematics, dynamics, and control of robot manipulators, robotic vision, and sensing. In addition, elementary principles on proximity, tactile, and force sensing, vision sensors, camera calibration, stereo construction, and motion detection are presented. Students gain hands on experience through a series of assignments in which they build and test their own robot. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CENG 490 - Independent Internship	Prerequisite, consent of instructor. Internship courses give students the opportunity to earn academic credit while gaining practical work experience, as well as an increased understanding of and exposure to a given career field. Pass/No Pass. This course may be repeated for credit. (Offered as needed.) ½-6 credits
CENG 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Pass/No Pass or Letter grade option with consent of instructor. This course may be repeated for credit. (Offered every semester.) 1-3 credits



CENG 499 - Individual Study	Prerequisite, consent of instructor. Individual study and research is offered to students to research particular topics that are not provided for by regular curriculum offerings. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. After receiving approval, the student must submit the form to the Office of the University Registrar. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered as needed.) 1-6 credits
CPSC 229 - Experimental Course	Computer Science experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
CPSC 230 - Computer Science I	Students are introduced to problem-solving methods and algorithm development through an interactive and easy-to-learn programming language, Python. (Offered every semester.) 3 credits
CPSC 231 - Computer Science II	Prerequisite, CPSC 230 , or equivalent. This course is a comprehensive study of object-oriented computing with a mainstream programming language, Java. The course introduces the principal features of the language with a focus on object-oriented development, code reuse, and large program structure. The course also covers advance topics such as concurrency and graphical user interfaces. (Offered every semester.) 3 credits
CPSC 236 - Visual Programming	Prerequisite, CPSC 230 Students learn the essentials of visual programming language such as C# or Visual Basic. Emphasis is placed on using controls to build graphical user interfaces. (Offered every semester.) 3 credits
CPSC 242 - Introduction to the Game Industry	Students learn the history of electronic games and gaming platforms, the development cycle of electronic games, the roles and responsibilities of the members of a game production team, and the roles of interface design, mathematics, artificial intelligence and storytelling in game development. (Offered every semester.) 3 credits
CPSC 244 - Level Design I	Prerequisites, CPSC 230 , CPSC 242 Students learn to create interactive simulation software through the use and programming of a professional level editor with an emphasis on scripting techniques. (Offered spring semester.) 3 credits
CPSC 245 - Unity Programming	Prerequisite, CPSC 236 Students will gain experience developing software for Unity, a popular cross-platform game engine. (Offered fall semester.) 3 credits
CPSC 246 - The Unreal Game Engine	Prerequisite, CPSC 230 Students will gain experience developing games for the Unreal game engine. (Offered spring semester.) 3 credits
CPSC 250 - Computer Systems and Assembly Language Programming	Prerequisite, CPSC 231 , or equivalent. Students learn basic programming and program structure in an assembly language and gain experience with machine language and instructions, execution, addressing and representation of data, macros, subroutines, linkages, and recursive routines. (Offered fall semester.) 3 credits
CPSC 260 - Introduction to Robotics	Prerequisite, CPSC 230 Students learn how to program a robot to interact with the environment via light, sonar, rotation, and touch sensors. Students will also learn the physics of translational motion, rotational motion, and forces as applied to the study of robotics, as well as basic engineering concepts. (Offered as needed.) 3 credits
CPSC 285 - Social and Ethical Issues in Computing	This course considers a range of ethical and social issues related to the effects of computers on how we live, focusing on broad social issues as well as individual responsibilities. Privacy and intellectual property (e.g. P2P downloading), software licenses, software reliability, and risks. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
CPSC 290 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) ½-6 credits
CPSC 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
CPSC 292 - Introduction to Exploratory Data Analysis	Students will learn the fundamentals of data processing and exploratory data analysis using a statistical computing language such as R. Emphasis will be placed on data cleaning, data visualization, and simple statistical analyses. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
CPSC 293 - Mathematical Foundations of Machine Learning	Prerequisites, CPSC 230 , MATH 203 and MATH 110 or MATH 115 A concise overview of the mathematical foundations of machine learning, including key intermediate concepts from calculus, linear algebra, probability, statistics, and optimization. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
CPSC 298 - Computer Science Colloquium	Students will be exposed to topics in computer science through directed reading, guest speakers, and practicums. P/NP. May be repeated for credit. (Offered every year.) 1 credit
CPSC 299 - Individual Study	Prerequisite, freshman, or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-6 credits
CPSC 308 - Enterprise Data Management	Prerequisite, CPSC 230 , or CPSC 236 CPSC 308 is an introductory course on data management, with emphasis on database systems for organizations. Students will learn the fundamentals of data storage and retrieval, gaining hands-on experience with the Structured Query Language (SQL) and a contemporary relational database management system. Students will also be exposed to advances in NoSQL technologies, which provide alternative storage mechanisms for noisy and unstructured data. Students majoring in Computer Science, Software Engineering, or Computer Information Systems may not use CPSC 308 to fulfill major requirements. (Offered spring semester.) 3 credits
CPSC 320 - Quantum Information Science (Same as PHYS 340)	3 credits
CPSC 329 - Experimental Course	Prerequisite, CPSC 231 Computer Science experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) 1-3 credits
CPSC 330 - Digital Logic Design I (Same as PHYS 330) Prerequisite, CPSC 231 or CENG 231 Corequisite, CPSC 330L Students I	(Offered spring semester.) 3 credits
CPSC 330L - Lab - Digital Logic Design I (Same as PHYS 330L) Prerequisite, CENG 231 or CPSC 231 Corequisite, CPSC 330 Lab	(Offered spring semester.) 1 credit
CPSC 340 - Game Development	Prerequisites, CPSC 244 , and CPSC 231 , or CPSC 236 Game Development covers programming techniques for writing a broad range of computer video games including 2D arcade style, isometric, 3D and networked games. Students will learn to program with a professional game development engine. (Offered fall semester.) 3 credits
CPSC 344 - Level Design II	Prerequisite, CPSC 244 Students learn to create interactive simulation software through the use and programming of professional game design software with a focus on 3-D rendering and advanced AI Scripting. (Offered as needed.) 3 credits
CPSC 348 - Software Engineering	Prerequisite, CPSC 231 , or CPSC 236 Students study the system development life cycle. The emphasis is on software design, from requirements elicitation to detailed design with UML and implementation/testing with standard tools. (Offered spring semester, alternate years.) 3 credits
CPSC 349 - Human Factors	Prerequisite, CENG 231 or CPSC 231 Students study the foundations of human factors, with emphasis on user interface design and user experience. Topics include engineering psychology, design constraints, memory models, visual and auditory processing, and human-centered design. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
CPSC 350 - Data Structures and Algorithms	Prerequisite, CPSC 231 or CENG 231 Students study core data structures and algorithms, such as arrays, stacks, lists, queues, trees, hash tables, graphs; search and sort. Students engage on projects that involve individually chosen advanced data structures and algorithms. The focus is on applications of data structures and algorithms, utilization of existing practical data sets, and performance trade-offs. Letter grade. (Offered every semester.) 3 credits
CPSC 351 - Computer Architecture I	Prerequisite, CPSC 330 Students learn the organization and structure of the major hardware components of computers to understand the mechanics of information transfer and control within a digital computer system and the fundamentals of logic design. (Offered fall semester.) 3 credits
CPSC 352 - Computer Architecture II	Prerequisite, CPSC 351 Topics include the design and analysis of instruction set processors, memory management, multi-processors, and networks. (Offered as a reading and conference only.) 3 credits
CPSC 353 - Data Communications and Computer Networks	Prerequisite, CENG 231 or CPSC 231 Students explore the principles and techniques of data communications and give special emphasis to networks and distributed systems. The I.S.O. Reference Model for open systems interconnection will be investigated and the function and operation of each protocol layer analyzed in detail. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
CPSC 354 - Programming Languages	Prerequisites, MATH 250 , CPSC 350 Students develop an understanding of the organization and design of programming languages through writing interpreters for three different toy languages illustrating a range of programming concepts from pure functional languages to imperative languages with memory management. Moreover, the course will open windows into topics of programming languages research such as parsing, operational and denotational semantics, term rewriting, Hoare logic, verification, and theorem proving. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
CPSC 355 - Human Computer Interaction	Prerequisite, CPSC 231 Students study the foundations of human-interaction, with emphasis on user-centered design methodologies. Topics such as usability, human factors, user studies, and multi-model interfaces will be explored, and the theory put into practice through programming projects that develop graphical user interfaces and applications for the Android or iPhone/iPad. (Offered every year.) 3 credits
CPSC 356 - Android Application Development	Prerequisite, CPSC 231 An introduction to app development using the Android operating system and development kit. Students will learn the fundamentals of mobile embedded programming and apply their skills to implement non-trivial projects on target hardware such as smart phones and tablets. (Offered every year.) 3 credits
CPSC 357 - iOS Application Development	Prerequisite, CPSC 231 An introduction to app development using the iOS operating system and Swift. Students will learn the fundamentals of mobile embedded programming and apply their skills to implement non-trivial projects on target hardware such as ipads, iPhones, and watches. (Offered every year.) 3 credits
CPSC 358 - Assistive Technology	Recommended preparation, CPSC 230 An introduction to assistive technologies (AT). In particular, students will study social, cultural, and economic factors of disability as they pertain to AT. This will be accomplished by studying existing practices and challenges, designing new user experiences, and integrating new technologies into the AT space. (Offered fall semester.) 3 credits
CPSC 359 - Computer-Supported Cooperative Work	Prerequisite, CPSC 355 Computer-supported cooperative work explores the technical, organizational, and social issues involved in designing, developing, deploying, and evaluating computational and communication tools to support groups, organizations, communities, and networks. This course will provide an initial survey of CSCW research and practices in the past 25 years and give students hands-on experience through a group design project aimed at orienting students to design for cooperative activities. (Offered every year.) 3 credits
CPSC 360 - Computer Graphics	Prerequisite, CPSC 350 The fundamental concepts of graphics software, hardware, and standards are examined. The course gives special emphasis to three-dimensional graphics and provides an introduction to graphical user interfaces. (Offered interterm, alternate years.) 3 credits
CPSC 366 - Digital Logic Design II	Prerequisite, CPSC 330 Corequisite, CPSC 366L This course introduces combinational and sequential logic circuits, including decoders, multiplexers, flip-flops, arithmetic circuits, and implementations of finite state machines using hardware design languages and FPGA boards. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CPSC 366L - Lab - Digital Logic Design II	Prerequisite, CPSC 330 Corequisite, CPSC 366 Laboratory Component of CPSC 366 Letter grade with Pass/No Pass option. (Offered as needed.) 1 credit
CPSC 370 - Topics in Computer Science	May be repeated for credit. (Offered as needed.) 3 credits
CPSC 380 - Operating Systems	Prerequisite, CPSC 350 The course emphasizes the major principles of operating system design and the interrelationship between the operating system and the hardware. (Offered every year.) 3 credits
CPSC 390 - Artificial Intelligence	Prerequisite, CPSC 350 Students study the tools, techniques, and applications of artificial intelligence. Students will be introduced to the programming techniques utilized in artificial intelligence applications. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CPSC 392 - Introduction to Data Science	Prerequisites, CPSC 230 , and MATH 203 or MATH 303 or MISC 209 This course provides a survey of algorithms, tools, and techniques for computing with Big Data. Students will be exposed to fundamental concepts in data mining, machine learning, and information retrieval systems, with special emphasis on statistical techniques for data visualization and analysis. Recent advances in high performance computing, such as map-reduce, will be presented in the context of Big Data. Students will apply data mining algorithms to data sets from biology, chemistry, social media, and industry. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
CPSC 393 - Machine Learning	Prerequisite, CPSC 392 This course provides a survey of algorithmic techniques for machine learning, including statistical techniques for pattern recognition. Topics include neural networks, deep learning, support vector machines, and kernel methods. (Offered as needed.) 3 credits
CPSC 399 - Individual Study	May be repeated for credit. (Offered as needed.) 1-3 credits
CPSC 402 - Compiler Construction	Prerequisites, CPSC 350 , CPSC 354. Students will learn the software tools and programming techniques needed to design and build a prototype implementation of a domain-specific language. On the theoretical side, students will learn enough of the mathematical underpinnings of the tools to apply them with confidence. On the practical side, students will write a grammar and build a lexer, parser, tree checker, and interpreter for a fragment of C++. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CPSC 406 - Algorithm Analysis	Prerequisite, CPSC 350 Students study ideas and techniques useful for designing and analyzing data structures and algorithms. In particular, the analytic tools needed for analyzing upper bounds for algorithms and lower bounds for problems will be covered. Problem areas include sorting, graph-based problems, dynamic programming, combinatorial algorithms, computational geometry, encryption, parallel and distributed models, and NP-completeness. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CPSC 408 - Database Management	Prerequisite, CPSC 350 Students learn data management concepts and the representation and structure of data in the context of applications and system software. The emphasis is on design of databases and developing applications in a client-server environment using SQL as the query language. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
CPSC 430 - Computational Economics	Prerequisites, MATH 110 and CPSC 230 or CPSC 236 or consent of instructor. This course will introduce students to the computational tools required to understand electronic exchange systems and implement economic experiments. Students will be required to become familiar with numerical analysis, computer simulation and programming of experiments. Letter grade. (Offered as needed.) 4 credits
CPSC 435 - BioMedical Informatics	Prerequisite, CPSC 230 Students are introduced to contemporary research topics in medical informatics, including computational techniques for the collection, management, retrieval, and analysis of biomedical data. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CPSC 440 - Collaborative Game Development	Prerequisite, CPSC 340 This is a capstone project course in which students design and develop games in collaborative projects. Working with faculty and visiting industry experts, students propose a concept for a computer game or applied interactive simulation, developing that concept over the course of the semester through several stages of specification and prototyping. Final prototypes are entered in a competition at the end of the course whose jury may include representatives from game and simulation development companies. (Offered spring semester.) 3 credits
CPSC 445 - High Performance Computing	Prerequisite, CPSC 350 , or consent of instructor. The course introduces students to parallel computing architectures and programming models. Students learn and practice parallel programming techniques using shared memory and message passing. Course topics include parallel computing fundamentals, Unix and C, shared memory parallel computing (with OpenMP), message passing parallel computing (with MPI), parallel performance evaluation, and multilevel parallel computing (with OpenMP and MPI combined). (Offered alternate years.) 3 credits
CPSC 453 - Network Implementation and Security	Prerequisite, CPSC 353 Students explore the principles and techniques for implementing TCP/IP based networks using Microsoft Windows and Linux servers and clients, including the skills to configure, customize, optimize, troubleshoot, and integrate networks. (Offered as needed.) 3 credits
CPSC 454 - Fundamentals of Cybersecurity	Prerequisite, CPSC 350 Students are exposed to the world of cybersecurity. Emphasis is placed on understanding, recognizing, and patching security exploits. Students will use standard industry tools and techniques to gain hands-on experience in this rapidly-growing field. Note that students majoring in computer science, computer engineering, software engineering, or data analytics may not use CPSC 454 as an elective in the major if they are also minoring in cybersecurity. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
CPSC 458 - Web Engineering	Prerequisites, CPSC 350 , CPSC 408 Students explore the principles and techniques for developing and managing web applications using HTML5, CSS and JavaScript, as well as other web development frameworks such as Ruby on Rails. Students will acquire skills to develop, install, configure, customize, optimize, and troubleshoot web applications. (Offered as needed.) 3 credits
CPSC 465 - Integrated Circuit Design I	Prerequisite, CPSC 366 This course introduces the students to the analysis and design of digital integrated circuits including Combinational (static and dynamic) and Sequential logic integrated circuits using CMOS technology. Students will learn transistor structure, circuit schematic, and physical layout design, layout design rule check, layout vs. schematic check, circuit extraction, and simulation using CAD tools. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
CPSC 466 - Integrated Circuit Design II	Prerequisites, CPSC 330 , CPSC 465 Recommended, PHYS 102 The course integrates theoretical and functional ideas from Digital Logic II with the physical electronics covered in Integrated Circuit Design I toward the design of realworld integrated circuits. The course also introduces the student to VLSI CAD tools for physical design. (Offered as a reading and conference only.) 3 credits
CPSC 490 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) ½-6 credits
CPSC 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
CPSC 499 - Individual Study	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-6 credits
CCI 100 - Introduction to Creative and Cultural Industries	This introductory course outlines the core debates in 21st century related to culture, media and creative industries as they inform our ideas and relationships regarding identity and technology. Students are introduced to the foundational methods of media and cultural analysis and critical inquiry. (Offered fall semester.) 3 credits
CCI 202 - Popular Culture	This course introduces the major theories of popular culture, including various artistic practices in contemporary media culture. Topics include postmodernism, sexuality, transgression, visual culture, net activism and new technologies. Students explore theories that examine the basic issues of popular culture - surveillance, censorship, violence, taste and pleasure. (Offered as needed.) 3 credits
CCI 203 - Contemporary Issues in Creative and Cultural Industries	This course will take up key ideas and topics in Creative and Cultural Industries (CCI). Specific topics will vary, but the course will engage in recent debates and developments. Examples of this include: new developments in media (VR, digitalization of texts, visual cultures, podcasting, gaming) and their cultural implications; new cultural forms and developments (for example, the rise of 'disaster tourism'); developments within specific CCI (for example, music, publishing, performance, fashion); controversies and challenges in and through CCI (for example, the arts and the environment, protest and rebellion as cultural movements, creative spaces). Letter grade with Pass/No Pass option. May be repeated for credit. (Offered fall semester.) 3 credits
CCI 204 - Introduction to Museum Studies (Same as AH 204)	Through contact with the university's art collections, field-trips to area museums, and exposure to current theory and debate, this course offers an introduction to the dynamic field of Museum Studies. Topics include collections management, curatorial practice, exhibition planning, museum education and new technologies. (Offered spring semester.) 3 credits
CCI 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
CCI 299 - Individual Study	Prerequisite, consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. Letter grade. May be repeated for credit. (Offered as needed.) 1-3 credits



CCI 301 - Studies in Cultural Institutions	This course will look at a range of cultural institutions and how they work as creative forces, how they have adapted and altered, and how they define themselves and their cultural contexts. Examples of such institutions include film and media studios, museums and art galleries, national parks, publishing houses, games studios, historic buildings, fashion houses. Students will gain an in-depth understanding of specific institutions as well as a broader grasp of how cultural and creative industries operate. The course is designed to help students gain knowledge of specific institutions that they might wish to work in on graduation. (Offered fall semester) 3 credits
CCI 302 - Cultural Memories in the Digital Age	This course questions the consequences of unlimited storage in terms of cultural memories, their production in a world where it is impossible to forget. This course looks at the relationships between images, the globalization of media, cultural experience and the purpose of archives in contemporary life. May be repeated for credit. (Offered as needed.) 3 credits
CCI 303 - Cultural Organization Management	This course will examine the key issues, concepts and practices associated with the management and operation of cultural organizations. Taught by faculty and industry-leading guest speakers, covering domestic and international perspectives, the course will equip students with the theoretical and practical skills needed for working in the Creative and Cultural Industries. (Offered spring semester) 3 credits
CCI 304 - Creative and Cultural Industries in Practice	A key aspect of the Creative and Cultural Industries (CCI) is the relationship between theory and practice - of the 'doing' and 'thinking' about creative and cultural texts. This course will explore this relationship, providing students the opportunity to develop skills in making CCI as well as studying it. Depending on the emphasis, this might include: creating a podcast on a creative or social theme; exploring how photographs can act as agents of social change; the power of digital diaries in social and cultural issues; the changing shape of fashion; publishing in the digital age; music and cultural identity. The course will look at the changing shape of CCI and the role of its outputs in these changes. Students will be encouraged to develop their own 'voice' through creative practice. This course will allow students, with no previous technical ability, the opportunity to gain 'hands-on' experience in making CCI texts as well as gaining a better understanding of how they operate in the world. May be repeated for credit. (Offered as needed.) 3 credits
CCI 305 - Cultural Studies	This course engages with the major ideas and concepts of cultural studies. It will introduce the emergence of cultural studies as a discipline, looking at its origins in film and media studies, anthropology, feminism, English, Art, political science, sociology, and gender studies. The course will explore how cultural studies developed ideas for examining cultural texts and products and their relationship to meaning and identity. (Offered spring semester) 3 credits
CCI 329 - Experimental Course	Creative and Cultural Industries experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-3 credits
CCI 333 - CCI and International Contexts	Consent of instructor. Students will visit an international city exploring the multiple intersections of culture, creativity, and industry within specific context of the visited city. Activities may include tours of heritage and historic sites, visits to cultural institutions such as fashion houses, sports stadiums, media companies and tourist sites. The class will emphasize the relationship between the visual and cultural aspects of a city's identity, encouraging students to explore their specific CCI interests. Letter grade with Pass/No Pass option. Fee: TBD. (Offered as needed.) 3 credits
CCI 399 - Individual Study	Prerequisite, consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. Letter grade. May be repeated for credit. (Offered as needed.) 1-3 credits
CCI 444 - Media, Culture and Emotion (Same as FS 444R) Prerequisites, CCI minor, film studies major, junior standing.	This course examines the intersections of media, culture and emotion from a psychosocial perspective by considering the ways in which people use a range of media objects. Examples are drawn from film to television, podcasts, animation, video games, journalism/news and social media. Letter grade. (Offered as needed.) 3 credits
CCI 490 - Independent Internship	Prerequisite, creative and cultural industries minor, consent of instructor. Supervised independent experience in an approved setting. P/NP. May be repeated for credit with different topic. (Offered as needed.) 1-3 credits
CCI 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
CCI 498 - Capstone Course in Creative and Cultural Industries	Prerequisites, consent of instructor, senior standing. This course is a capstone course for creative and cultural Industries minors. The course requires students to engage in independent research, building on coursework from the CCI minor. Through discussions, readings, presentations, and case studies the students prepare to utilize concepts, practices, and research from CCI toward their final project, which can include a thesis research paper, a portfolio of creative work, or a combination of the two. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered as a reading and conference only) 1-3 credits
CCI 499 - Individual Study	Prerequisite, consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. Letter grade. May be repeated for credit. (Offered as needed.) 1-3 credits
CRPR 110 - Filmmaking Fundamentals for Producers	Prerequisite or corequisite, FTV 130A , creative producing major. Students will gain insight into the spectrum of motion picture production and post production crafts and technologies through weekly lectures and demonstrations. The course also introduces students to the roles and responsibilities of key artists and technicians, emphasizing the professional protocols observed in each area of specialization. Fee: \$75. (Offered every semester) 3 credits
CRPR 234 - Introduction to Production and Set Management	Prerequisites, FTV 130 or FTV 130A or FTV 130B or FTV 130C or FTV 130D or FTV 130E or FTV 130F or FTV 130G and sophomore standing and creative producing or film and television production or film production or television writing and production major or television production. Additional prerequisite for creative producing majors, CRPR 110 Analysis of procedures and problems in preparing a script for film or television production. Emphasis on the role of the production manager in breaking down scripts, setting up shooting schedules, preparing budgets, and planning post-production. Creative producing majors must pass CRPR 234 with a grade of B- or better, or must repeat the course before continuing on with CRPR 334 Letter grade. Fee: \$300. (Offered every semester) 3 credits
CRPR 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
CRPR 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of CRPR 299, CRPR 399 , or CRPR 499 May be repeated for credit. (Offered as needed.) 1-3 credits
CRPR 307 - Overview of Producing	Prerequisites, FTV 130A , creative producing major, sophomore standing. Presents a comprehensive introduction to producing for contemporary moving image formats. Examines various entertainment companies including large corporations, independent production companies, television companies, computer companies, and startup ventures. Methods of production, marketing, distribution, and exhibition are examined in a variety of platforms including motion pictures, network television, cable, interactive communication, video, pay-per-view, and home entertainment. Fee: \$75. (Offered every semester) 3 credits
CRPR 312 - Entertainment Law	Prerequisites, CRPR 234 , creative producing major. Examines the legal and ethical issues involved in entertainment law. Topics covered include right of privacy, right of publicity, literary option and purchase contracts, life story rights agreements, intellectual property, copyright, chain of title, music licensing, principles of negotiation, etc. Letter grade. (Offered every semester) 3 credits
CRPR 317 - Creative Producing and Development	Prerequisites, CRPR 307 , CRPR 312 , creative producing major. An introduction to the creative process of finding and developing material for film and television. The course will examine evaluating and developing existing literary material; developing news stories/current events and developing fictional material. Students will learn about the role of the producer in working with writers, agents and studio/network executives during the development process. Letter grade. Fee: \$75. (Offered every semester.) 3 credits
CRPR 334 - Advanced Production and Post Production Management	Prerequisites, CRPR 234 with a grade of B- or better, creative producing major. An intensive course in motion picture industry roles, practices and procedures for production and post-production. Students will apply what they learn as the key producer or co-producer on an Advanced Production film project, completely managing the process from pre-production through post-production. Creative producing majors must pass CRPR 334 with a grade of B- or better, or must repeat the course before continuing on with CRPR 497 Fee: \$300. (Offered every semester) 3 credits
CRPR 365 - Optioning Books for Film and TV	Prerequisite, DCFMA major. This course is designed to help students gain insight into the industry, through working with experienced professionals in finding, optioning, pitching and selling screenplay ideas and existing screenplays. Fee: \$75. (Offered as needed.) 3 credits
CRPR 399 - Individual Study	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of CRPR 299 , 399, or CRPR 499 May be repeated for credit. (Offered as needed.) 1-3 credits
CRPR 425 - Producing the Independent Film	Prerequisites, CRPR 317 , CRPR 334 Designed to help creative producers understand the particular exigencies of independent productions, this course will provide an in-depth case study of an independent film. Students will develop an appreciation for creative alternatives to financing, location selection, production design, publicity, and marketing, including the value of internet promotions. (Offered spring semester) 3 credits
CRPR 430 - Entertainment Marketing And Distribution For Producers	Prerequisites, CRPR 307 , creative producing major, and junior or senior standing. An overview of the role of marketing in film, television and digital entertainment focusing on the capabilities of the major studios and independent production and distribution companies. Students will investigate both domestic and international marketing and learn how positioning, demographics, public relations, traditional and digital media, creative advertising, social media, distribution platforms and cultural differentiation all interact to create the most impactful campaigns. students will further understand how integral marketing is to their producing courses in content development, business finance, and production. (Offered every semester) 3 credits
CRPR 467 - Production Financing	Prerequisites, CRPR 451 , creative producing major and junior or senior standing. An overview of the various financing structures used in film and television production. Students will learn about bank financing, studio financing, network financing, IPO's, limited and international co-production partnerships, debt swap financing, negative pickup deals, foreign and domestic presales. Letter grade. (Offered as needed.) 3 credits
CRPR 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
CRPR 494 - Senior Project: Creative Development Portfolio	Prerequisites, senior standing, creative producing major, CRPR 317 and prerequisite or corequisite CRPR 497 Students will draw upon course work in creative development, production, marketing, and finance, along with their understanding of current international markets, to develop an original creative property and accompanying business plan for a specific global region. Letter grade. Fee: \$75. (Offered every semester) 3 credits
CRPR 497 - Creative Producing Senior Thesis Workshop I	Prerequisites, CRPR 317 , CRPR 334 with a B- or better, senior standing, creative producing major, consent of instructor. The first semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. This course includes a laboratory component held at a different time. Fee: \$1,000. (Offered fall semester.) 3 credits
CRPR 498 - Creative Producing Senior Thesis Workshop II	Prerequisites, CRPR 497 with a B or better, senior standing, creative producing major, consent of instructor. The second semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. The second semester includes completing a professional caliber motion picture project and premiering the completed work in a public screening. This course includes a laboratory component held at a different time. Fee: \$1,000. (Offered spring semester) 3 credits
CRPR 499 -	Individual Study Prerequisite, consent of instructor. Individual research and projects. Students must have an overall grade point average of at least 3.0 to enroll. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered as needed.) ½-3 credits
DANC 100 - Musical Theatre Dance Technique	Enrollment priority given to musical theatre minors. Dance majors may not enroll. This is a preparatory dance activity course that will introduce students to movement concepts, vocabulary, and styles specific to both ballet and jazz dance as foundational techniques for musical theatre movement training. Letter grade. May be repeated for credit. (Offered as needed.) 1 credit
DANC 113 - Dance Performance	Prerequisite, audition, or consent of instructor. This course is designed for those students who have been given performance responsibilities in dance productions. P/NP. May be repeated for credit. (Offered every semester.) 1 credit
DANC 130 - Hip-Hop	This dance activity course is designed to teach participants basic hip-hop dance vocabulary and style. (Offered every semester.) ½ credit
DANC 132 - Modern Dance	Prerequisite, non-majors, or minors only. This dance activity course is designed for non-majors and dance minors with previous dance experience and will introduce students to movement concepts, vocabulary, and style specific to modern dance. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 134 - Jazz	Prerequisite, non-majors, or minors only. This dance activity course is designed for non-majors and dance minors with previous dance experience and will introduce students to movement concepts, vocabulary, and style specific to jazz dance. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 136 - Ballet	Prerequisite, non-majors, or minors only. This dance activity course is designed for non-majors and dance minors with previous dance experience and will introduce students to movement concepts, vocabulary, and style specific to ballet. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 138 - Tap Dance	Prerequisite, prior experience in tap dance, or consent of instructor. This dance activity course is designed as a progressive development of beginning to low intermediate movement concepts, skills, vocabulary, and style specific to tap dance. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 139 - Ballroom Dance	This dance activity course is an introduction to social dancing with an emphasis on American ballroom dances: fox trot, waltz, swing, and Latin ballroom dances: cha cha, mambo, and tango. (Offered every semester.) ½ credit
DANC 141 - Introduction to Dance Studies	Prerequisite, dance major, or dance minor. Through discussion, lecture, critical analysis, readings, and other assignments, this course will present an introduction to dance history and philosophy, professional ethics, dance production issues and practice, and dance as an art form and popular entertainment. Self-analysis, goal setting, and career options will also be explored. (Offered fall semester) 3 credits
DANC 172 - Modern Dance	Prerequisites, freshman only, dance major, or consent of chair. This dance technique course is designed for dance majors and includes the fundamental concepts, skills, movement vocabulary, and artistic expression specific to modern dance. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 174 - Jazz	Prerequisites, freshman only, dance major, or consent of chair. This dance technique course is designed for dance majors and includes the fundamental concepts, skills, movement vocabulary, and artistic expression specific to jazz dance. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 176 - Ballet	Prerequisites, freshman only, dance major, or consent of chair. This dance technique course is designed for dance majors and includes fundamental concepts, skills, movement vocabulary, and artistic expression specific to ballet. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 220 - Special Studies in Dance Technique	Prerequisites, DANC 172 , DANC 174 , DANC 176 , consent of chair, and dance, or dance performance major. This course is designed to provide greater depth and breadth of instruction and exploration of dance topics and techniques. Topics will include study with artists in modern dance, jazz, ballet, partnering, movement analysis systems, ethnic dance forms or improvisation. May be repeated for credit. (Offered as needed.) 1 credit
DANC 229 - Experimental Course	Prerequisites, dance, or dance performance major, or consent of chair. This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. Credits will depend on the subject matter and course demands. May be repeated for credit provided the course content is different. (Offered as needed.) ½-3 credits
DANC 238 - Intermediate Tap Dance	Prerequisite, DANC 138 , or consent of instructor. This dance technique course is designed as a progressive development of intermediate movement concepts, skills, vocabulary, and artistic expression specific to tap dance. Some sections of this course may be offered with DANC 338 This course May be repeated for credit. (Offered every semester.) 1 credit
DANC 239 - Intermediate Ballroom Dance	Prerequisite, DANC 139 , or consent of instructor. This dance activity course will prepare students to execute and perform intermediate ballroom technique. The course content will include skills and competencies applicable to compete in Dance Sport competitions as a Newcomer, Pre-Bronze, Bronze I or full Bronze level, contingent upon each student's understanding of the presented material. May be repeated for credit. (Offered as needed.) ½ credit
DANC 250 - Dance Repertory	Prerequisites, DANC 172 , DANC 174 , DANC 176 , or consent of instructor. For interested dance students, this course is designed to provide greater depth and breadth of instruction and exploration of dance topics and techniques. Topics may include study with artists in modern dance, jazz, ballet, partnering, movement analysis systems and improvisation. This course may be repeated for credit provided course content is different. (Offered as needed.) 3 credits
DANC 260 - Yoga for Dancers	This course is designed to provide a basic understanding of yogic philosophy. Included in the training will be breathing and meditation techniques, anatomical awareness, and the use of imagery in order to integrate the students' functional and creative potential. May be repeated for credit. (Offered as needed.) 1 credit
DANC 261 - Somatics: An Exploration of the Mind and Body Experience	Prerequisite, dance, or dance performance major, or minor, or consent of instructor. This course is designed to provide movement integration for the dance student, in order to develop anatomically correct function in the body and awareness of expressive intention. Included in the training will be developmental movement patterning, yogic principles, applied kinesiology, Barteneff Fundamentals and Laban Movement Analysis. (Offered spring semester) 3 credits
DANC 267 - Conditioning for Dance	This course is designed to provide supplemental training for dancers. Included in the training will be Pilates principles, injury prevention, and kinesiological awareness designed to improve the students' level of dance performance and technique. This course may be repeated for credit. (Offered every semester.) ½ credit
DANC 272 - Modern Dance	Prerequisites, sophomore standing, and dance, or dance performance major, and DANC 172 twice, or consent of chair. This dance technique course is designed for dance majors and includes concepts, skills, movement vocabulary, and artistic expression specific to modern dance. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 274 - Jazz	Prerequisites, sophomore standing, and dance, or dance performance major, and DANC 174 twice, or consent of chair. This dance technique course is designed for dance majors and includes concepts, skills, movement vocabulary, and artistic expression specific to jazz dance. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 276 - Ballet	Prerequisites, sophomore standing, and dance, or dance performance major, and DANC 176 twice, or consent of chair. This dance technique course is designed for dance majors and includes concepts, skills, movement vocabulary, and artistic expression specific to ballet. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 280 - Dance Improvisation	Prerequisite, DANC 172 This course focuses on creating and developing movement through dance improvisation in solos, duets, and groups. Contact improvisation and partnering, the uses of improvisation in choreography and performance, and the creative process will be explored. Students will be guided toward finding their own artistic voice through movement, discussion, and writing. P/NP. (Offered spring semester) 2 credits
DANC 281 - Choreography I	Prerequisites, DANC 141 , DANC 280 This course is an exploration of movement and analytical study of the art of making dances. The course will concentrate on the four basic elements of composition: space, shape, time, and energy, and will include discussions and readings about the creative process. (Offered fall semester) 3 credits
DANC 290 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
DANC 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
DANC 299 - Individual Study	Prerequisite, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for a maximum of 6 credits. (Offered every semester) 1-3 credits
DANC 310 - Dance Ensemble	Prerequisites, audition, and dance, or dance performance major. This course is designed to prepare the student for a performance tour. Through rehearsal, performance, and discussion, students will gain proficiency in dance by learning choreography for performance in various dance styles. Choreography will subsequently be presented in various education settings in surrounding areas. (Offered fall semester, alternate years.) 1 credit
DANC 311 - Dance Performance and Study Tour	Prerequisite, DANC 310 This course is a combined field experience in dance performance and study in selected regions or countries, one being selected for each course. (Offered interterm, alternate years.) 2 credits



DANC 313 - Dance Performance	Prerequisite, audition, or consent of instructor. Designed for those students who have been given performance responsibilities in dance productions. P/NP. May be repeated for credit. (Offered every semester.) 1 credit
DANC 329 - Experimental Course	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. It may be repeated for credit provided the course content is different. (Offered as needed.) 1-3 credits
DANC 338 - Advanced Tap Dance	Prerequisite, consent of instructor. This dance technique course is designed as a progressive development of advanced movement concepts, skills, vocabulary, and artistic expression specific to tap dance. Some sections of DANC 238 and DANC 338 are held together. This course may be repeated for credit. (Offered as needed.) 1 credit
DANC 340 - Principles of Dance Production	Prerequisites, DANC 141 , DANC 281 , or consent of instructor, and dance, or dance performance majors, or dance minors. This course is designed to introduce students to the elements of technical theater specific to a dance production and to prepare students to organize a production in a variety of media. The course covers the fundamentals of lighting and costume design; sound/music/video recording and other multi-media devices; and basic elements of production management such as contracts, labor issues, budgets, facility rentals, marketing and fundraising. Lab experience in technical theatre is included. (Offered spring semester.) 3 credits
DANC 342 - Dance in Film	Prerequisite, DANC 281 , or consent of chair. Dance in Film will provide an overview of dance produced for the camera. Students will view, analyze, critique, and research dance produced for the mediums of television, video and film. This course will examine the unique differences of dance created for the camera versus dance solely produced for live performance. In addition, students will be introduced to the practical applications of creating dance for the camera. Students will direct, shoot and edit a dance in film project as a final assignment. (Offered as needed.) 3 credits
DANC 344 - Dance Education and Outreach	Prerequisite, dance, or dance performance major, or minor. This course is designed to provide an overview of current trends and methodologies used in teaching dance to various diverse populations. It encompasses aesthetic education and the role of the teaching artist in schools and communities. (Offered as needed.) 3 credits
DANC 345 - Dancing Through the Decades	Most choreography seen on the "Great White Way" has been influenced by social dances ranging from the Cakewalk to the Moonwalk, and others. This embodied history course is designed to explore how American social dances influenced the choreographers of the Broadway stage for each decade beginning in the 1900s. Letter grade. (Offered every year.) 3 credits
DANC 347 - Music for Dancers	Prerequisite, dance, or dance performance major, or minor, or consent of chair. This course is a study of selected music fundamentals emphasizing rhythmic skills, and basic music vocabulary applicable to dance, and uses of music in choreography. Additional activities include an introduction to historical trends and styles in music, the study of musical forms, and skills for working with musicians. (Offered spring semester.) 3 credits
DANC 350 - Dance in the Big Apple	Prerequisite, completion of two semesters at Chapman. This course explores the dance training, performance, and research opportunities in New York City. Through the lens of seminal works and artists, students will learn to describe, analyze, interpret, and evaluate dance performance within historic and cultural contexts. Genres will include ballet, Modern dance and jazz dance forms. Students will research historic influences and trace those to current trends in dance through performance, auditions, venues, training, institutional support, and artistic philosophies. Finally, the course will deepen the student's understanding of the lasting influences of New York's dance scene throughout its history and how it maintains its presence in the global world of dance. Letter grade. May be repeated for credit. Fee: TBD. (Offered as needed.) 3 credits
DANC 351 - Contemporary Dance in Israel	Prerequisites, dance major, consent of instructor. This course provides the opportunity to deepen knowledge of contemporary modern and ballet techniques in Israel and create international professional networks through master classes, workshops, and residencies with renowned Israeli artists and companies such as Batsheva dance, Kibutz Dance Company, the Israeli Ballet, and Vertigo Dance Company. Students will learn about the unique historic dialogue between the United States and Israel where both country's modern dance languages have, and are, profoundly influencing each other. Students will take classes with faculty teaching the course as well as Israeli master teachers, exchange ideas on choreography with their international peers, share work and possibly performances with international colleagues, and read, view films, and participate in lectures designed to deepen their ability to embody, interpret and evaluate dance through historic and cultural contexts. May be repeated for credit. Fee: TBD. (Offered as needed.) 3 credits
DANC 353 - Dance in World Cultures	This course is a study of dance as a performing art, expression of religious faith, vehicle for social interaction, and popular entertainment. The role of dance in world cultures, emergence of social dance, and historical development of performance are explored through reading, videos, discussion, and attendance of live performances. (Offered every semester.) 3 credits
DANC 360 - Movement Anatomy and Exercise Physiology	This course is designed to introduce students to human anatomy and exercise physiology. Students will learn the terminology and processes of the human body with significant emphasis placed on the response of the human body to movement and exercise as well as to rest and disease. (Offered fall semester.) 3 credits
DANC 361 - Dance Kinesiology and Injury Prevention	Prerequisite, DANC 360 Anatomical and mechanical principles which relate to human movement are reviewed, as well as the analysis, management, and prevention of dance injuries and analysis of body types and technical ability and the means by which to improve dance ability. Aspects of teaching safe technique classes and alternative methods will also be explored. (Offered spring semester.) 3 credits
DANC 367 - Pilates Theory and Methods	This course is designed to reach an advanced understanding and application of the exercise principles, theory, and history of the Pilates Method. Students receive a certificate of completion at the end of the course and are prepared to apply to Balanced Body to take the exam to become a certified Balanced Body Mat Instructor. (Offered fall semester.) 3 credits
DANC 372 - Modern Dance	Prerequisites, dance, or dance performance major, and junior standing. DANC 272 twice. Students enrolling in DANC 372 must have taken DANC 272 , or DANCE 372 in the preceding semester. This dance technique course is designed as a progressive development of complex movement concepts, skills, vocabulary, and artistic expression specific to modern dance. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 374 - Jazz	Prerequisites, dance, or dance performance major, and junior standing. DANC 274 twice. Students enrolling in DANC 374 must have taken DANC 274 , or DANC 374 in the preceding semester. This dance technique course is designed as a progressive development of complex movement concepts, skills, vocabulary, and artistic expression specific to jazz. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 376 - Ballet	Prerequisites, dance, or dance performance major, and junior standing. DANC 276 twice. Students enrolling in DANC 376 must have taken DANC 276 , or DANC 376 in the preceding semester. This dance technique course is designed as a progressive development of complex movement concepts, skills, vocabulary, and artistic expression specific to ballet. This course may be repeated for credit. (Offered every semester.) 1 credit
DANC 377 - BFA Dance Techniques	Prerequisite, BFA major. This dance technique course is designed for dance majors and includes concepts, skills, movement vocabulary, and artistic expression in a variety of dance styles. May be repeated for credit. (Offered every semester.) ½ credit
DANC 381 - Choreography II	Prerequisites, DANC 281 , junior standing. This course builds on the skills in DANC 281 and includes choreographic forms and composition for groups. Critical evaluation and analysis is emphasized. An exploration of creative resources for choreography will be investigated through reading, discussion, and improvisation. (Offered fall semester.) 3 credits
DANC 382 - Choreography Workshop	Prerequisites, DANC 281 , DANC 381 , consent of chair, and dance, or dance performance major. This course will concentrate on the creation of dances around a theme utilizing large and/or small groups as well as solo composition. This course is designed to lead choreographers through the process of building dances to the level of performance. Completed choreography will be presented in concert. May be repeated for credit. (Offered spring semester.) 1-3 credits
DANC 392 - Technology for Live Performance	Prerequisites, dance or dance performance major, and consent of instructor. An interdisciplinary course designed to allow students the opportunity to conceive and choreograph an original work while simultaneously develop the skillsets needed to implement the most current technology into live performances. Through this collaborative setting, students will not only learn theory and how to utilize technology, but they will be provided with the opportunity to develop realized projects while developing much needed collaboration and interpersonal skills. Some sections of this course will be taught with TH 392 May be repeated for credit. (Offered spring semester.) 3 credits
DANC 399 - Individual Study	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-3 credits
DANC 420 - Special Studies in Dance Technique	Prerequisites, DANC 272 , DANC 274 , DANC 276 , dance major, or consent of instructor. For intermediate and advanced dance majors, this course is designed to provide greater depth and breadth of instruction and exploration of dance topics and techniques. Topics will include study with artists in modern dance, jazz, ballet, partnering, movement analysis systems, and improvisation. (Offered as needed.) 1 credit
DANC 429 - Experimental Course	This course is designed to provide additional opportunities to explore experimental areas and subjects of interest. It may be repeated for credit provided the course content is different. (Offered as needed.) 3 credits
DANC 440 - Dance Teaching Methods	Prerequisites, dance, or dance performance major, and senior standing, or consent of chair. This course educates the student in methods of teaching dance in secondary school, community college, university, and dance studio settings. (Much of the course material is applicable to dance education in K-8.) It encompasses the basic objectives of dance education, components of excellence in teaching, physical training, fitness, and art. (Offered spring semester.) 3 credits
DANC 453 - Dance History: Forces and Figures	Prerequisites, dance, or dance performance major, or dance minor and senior standing, or consent of chair. This course is a comprehensive comparative study of dance in the 20th and 21st centuries. The focus is on significant trends and individuals who shaped the development of modern dance, ballet, jazz and vernacular dance in the modern era. (Offered fall semester.) 3 credits
DANC 490 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
DANC 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
DANC 498 - Senior Seminar	Prerequisites, DANC 141 , DANC 281 , DANC 340 , DANC 347 , DANC 360 , senior standing. This course represents a capstone of study in the dance major and each student will complete an individually designed project. (Offered spring semester.) 3 credits
DANC 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. May be repeated for a maximum of 6 credits. (Offered every semester.) 1-3 credits
DOC 116 - Introduction to Television Production: Location	Prerequisites, television writing and production, or broadcast journalism and documentary major, or documentary film minor. Some sections may be open to non-majors. An exploration of the fundamental creative, technical and logistical challenges of shooting television productions on a practical location. Fee: \$300. (Offered every semester.) 3 credits
DOC 229 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Fee: TBD. (Offered as needed.) ½-3 credits
DOC 290 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
DOC 299 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of DOC 299, DOC 399 , or DOC 499 May be repeated for credit. Fee: varies. (Offered as needed.) 1-3 credits
DOC 319 - Non-Fiction Podcasting	Students will learn all about non-fiction podcasting, from the technical and business standpoints. They will learn to create non-fiction podcasts on their own, and get guidance on how and where to distribute them. Letter grade. Fee: \$300. (Offered fall semester.) 3 credits.
DOC 321 - The Documentary Tradition	Prerequisite, broadcast journalism and documentary or television writing and production major or documentary film minor or media, culture and society themed inquiry. Some sections may be open to non-majors. A critical and historical analysis of documentary film and video making through lecture, discussion, and viewing of film and video excerpts. The documentary is examined from artistic, social, ethical, and political perspectives. Letter grade. (Offered every semester.) 3 credits
DOC 323 - Trans-Cultural Documentary	In this course the students will use the trans-cultural (ethnographic) documentary film as a creative medium to critically explore the great diversity of ethnic communities that make up the Southern California social-cultural landscape. Students will research, develop, and produce two short documentaries about aspects of a local community that is different from their own. The course will also critically examine the ethical and representational issues that are related to the production of trans-cultural films. (Offered interterm.) 3 credits
DOC 329 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab or production fees. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Fee: TBD. (Offered as needed.) 1-3 credits
DOC 335 - Documentary Production	Prerequisites, DOC 116 , FTV 130D and Dodge College major or documentary film minor. Students view and analyze a variety of documentaries for style and content. Working in small production groups, students plan, script, produce, and edit several short documentary productions. Some sections of this course may be restricted to broadcast journalism and documentary majors only. Letter grade. Fee: \$300. (Offered fall semester.) 3 credits
DOC 341 - Investigative Journalism	Prerequisites, DOC 116 , and broadcast journalism and documentary, or television writing and production major, or documentary film minor, or leadership, organizations and society cluster. Students will learn reporting techniques and produce methods used to investigate and produce stories for longer format broadcast news stories and documentary films. There will be a vital emphasis on the legal and ethical issues that are central to the practice of investigative journalism. In addition to classroom discussions and screenings, students will work in the field producing, filming and editing investigative material. Fee: \$300. (Offered as needed.) 3 credits
DOC 345 - Wildlife and Environmental Filmmaking	Prerequisites, DOC 116 , and broadcast journalism and documentary, or television writing and production major, or documentary film minor. This documentary production course covers techniques and methods for producing and editing films in the environmental and wildlife genre. In addition to classroom discussions, technical demos and screenings, students will work in the field producing, filming and editing material in the areas of wildlife and the environment. Production will include several weekend filming trips to Southern California locations. Fee: \$300. (Offered as needed.) 3 credits
DOC 374 - Race and Documentary Film	Students will view some of the most important race themed documentary films, past and present. These film screenings will be supplemented by readings, lectures, perspectives and insights from filmmakers engaged in race-themed documentary filmmaking. Students will also workshop and produce one short film related to contemporary race issues. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
DOC 375 - International Documentary Pre-Production	Prerequisites, application, interview, consent of instructor. Undergraduate students selected to participate in this year-long, international documentary program will research documentary film subjects, and plan all levels of technical prep, logistics and filming typically for summer productions. Requires subsequent enrollment in DOC 376 , and DOC 377 . (Offered spring semester.) 3 credits
DOC 376 - International Documentary Production	Prerequisite, consent of instructor. This course is part of a year-long experience that will provide students with an opportunity to use the documentary form as a means of examining important social and historic issues, particularly those related to human rights and justice. Students will select and study a topic prior to traveling abroad to shoot a documentary. Shooting will take place on-location overseas. Requires subsequent enrollment in DOC 377 . Fee: TBD. (Offered summer.) 3 credits
DOC 377 - International Documentary Post-Production	Prerequisite, consent of instructor. The final course in a three-term sequence (DOC 375 , DOC 376 , DOC 377) provides a hands-on, practical experience in intensive post-production of documentary film projects covering all aspects of post-production as they apply to documentaries: narrative construction, use of voice-over, picture and sound editing. Fee: \$300. (Offered fall semester.) 3 credits
DOC 378 - Documentary Editing	Prerequisites, FP 115 and broadcast journalism and documentary or film and television production or film production or television writing and production major. Covers traditions and forms of editing a variety of nonfiction formats, including: instructional, cinema verite, and experimental documentary. An examination of techniques and concepts behind editing each type of nonfiction film, from how to construct a scene to how to construct a film. Letter grade. Fee: \$300. (Offered fall semester.) 3 credits
DOC 380 - Community Voices: Pre-Production	Prerequisite, consent of instructor. Hands-on training in social issue documentary film production. Working as part of a team, students will spend the semester developing and beginning to produce a short documentary to be completed during spring semester. Students will learn the fundamentals of documentary pre-production and production, as well as the core concepts behind social issue documentary filmmaking. Letter grade. May be repeated for credit. Fee: \$300. (Offered fall semester.) 3 credits
DOC 381 - Community Voices: Post-Production	Prerequisites, DOC 380 , consent of instructor. Hands-on training in social issue documentary film production. Working as part of a team, students will spend the semester producing and post-producing a short documentary to be completed during spring semester. Students will learn the fundamentals of documentary production and post-production, as well as the core concepts behind social issue documentary filmmaking. Letter grade. May be repeated for credit. Fee: \$300. (Offered spring semester.) 3 credits
DOC 382 - Community Voices: Global Stories	Prerequisite, consent of instructor. Hands-on training in international social issue documentary film production. Working as part of a team, students will spend the semester developing and beginning to produce a short documentary to be filmed during the summer and completed during fall semester. Students will learn the fundamentals of documentary pre-production and production, as well as the core concepts behind international social issue documentary filmmaking. This course is part of a year-long experience and requires subsequent enrollment in DOC 383 and DOC 384 DOC 382 is held with DOC 382. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
DOC 383 - Community Voices: Global Stories Production	Prerequisites, DOC 382 , consent of instructor. Hands-on training in social issue documentary film production. Working as part of a team, students will spend the course producing and filming a short documentary to be completed in the fall. Students will learn the fundamentals of documentary production, as well as the core concepts behind social issue documentary filmmaking. There will be an additional focus on visual anthropology and ethnographic, cross-cultural filmmaking. Letter grade. Fee: TBD. (Offered summer session.) 3 credits
DOC 384 - Community Voices: Global Stories Post-Production	Prerequisites, DOC 382 , DOC 383 , consent of instructor. Hands-on training in social issue documentary film production. Working as part of a team, students will spend the semester editing a short documentary. Students will learn the fundamentals of documentary editing, as well as the core concepts behind social issue documentary filmmaking. Letter grade. (Offered fall semester.) 3 credits
DOC 389 - Cross-Cultural Documentary	Prerequisite, consent of instructor. This course is designed to give students a practical and theoretical understanding of how the documentary film can be used as a creative medium to explore and represent foreign cultures. The course will travel to another country where the students will have the unique opportunity to produce a short documentary about an aspect of a rich and diverse foreign culture. Fee: TBD. (Offered as needed.) 3 credits
DOC 399 - Individual Study	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of DOC 299 , DOC 399, or DOC 499 May be repeated for credit. Fee: varies. (Offered every semester.) 1-3 credits
DOC 415 - Discover Documentary	Prerequisite, consent of instructor. This course will provide students an opportunity to make documentary films about various aspects of another country's culture. Emphasis will be on capturing compelling footage while telling a balanced and compelling story. May be repeated once for credit. Fee: varies depending on location of travel. (Offered as needed.) 3 credits
DOC 416 - Expedition Documentary	Prerequisites, consent of instructor. This course will provide students with an opportunity to undertake a physically challenging expedition, and to document the experience via a personal documentary film. Expedition locations are TBD, and may include domestic or international destinations. May be repeated for credit. Fee: TBD. (Offered interterm.) 3 credits
DOC 429 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. May be repeated for credit if course content is different. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Fee: TBD. (Offered as needed.) ½-3 credits
DOC 459 - Documentary Marketing and Distribution	Prerequisites, DOC 321 , and television writing and production, or broadcast journalism and documentary major. Surveys outreach and community engagement methods for documentary film, including: partnering with organizations, community screening campaigns, accessing the educational market, conference placements, international outreach and distribution, and production of various forms of new media projects, such as social networks, to disseminate a documentary film. Fee: \$75. (Offered as needed.) 3 credits
DOC 463 - Writing the Documentary	An introduction to writing and developing the documentary film, from initial concept through distribution. This course will cover writing a proposal, pitching an idea, creating a team, budgeting and fundraising, outreach and distribution, and other key elements of bringing a documentary to life. Emphasis will be on writing and developing a specific idea, production of which can be expanded in subsequent documentary courses. Some sections of DOC 663 and DOC 463 may share their lectures. Letter grade. (Offered fall semester.) 3 credits
DOC 490 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
DOC 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits



DOC 496 - Documentary Pre-Production, Senior Thesis I	Prerequisites, DOC 116 , DOC 335 and broadcast journalism and documentary or film and television production or television writing and production major. The first semester of the documentary capstone, this course will cover writing a proposal, pitching an idea, creating a team, budgeting and fundraising, outreach and distribution, and other key elements of bringing a documentary to life. Emphasis will be on writing, developing and producing a specific idea. Letter grade. Fee: \$300. (Offered fall semester.) 3 credits
DOC 497 - Documentary Post-Production, Senior Thesis II	Prerequisites, DOC 496 and broadcast journalism and documentary or film and television production or television writing and production major. This second semester of the documentary capstone is a hands-on, practical experience in intensive post-production covering all aspects of post-production as they apply to documentaries: narrative construction, use of voice-over, picture, and sound editing. Students will complete projects from DOC 496 - Documentary Pre-Production, Senior Thesis I Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
DOC 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. Students must have an overall grade point average of at least 3.0 to enroll. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered every semester.) ½-3 credits
ECON 200 - Principles of Microeconomics	Prerequisites, MATH 100 , MATH 100L or equivalent. Decision-making with scarce resources, supply and demand concepts, pricing in competitive and non-competitive markets, capital theory, resource pricing, public choice, environmental economics, international trade, and comparative economic systems. Letter grade. (Offered every semester.) 3 credits
ECON 201 - Principles of Macroeconomics	Prerequisites, MATH 100 , MATH 100L or equivalent. Theory of national income equilibrium and fluctuations, money and banking, monetary and fiscal policy, international trade, and foreign exchange rates. Letter grade. (Offered every semester.) 3 credits
ECON 204 - Seminar in Ethics and Economic Thought	Prerequisite, economics major. Using Socratic dialogue this course engages students in exploring the ethics and economics of creating wealth through exchange. The seminar is devoted to developing the rhetorical effectiveness and analytical precision of students' ideas in written composition and oral argument. It is strongly recommended that students have completed (or are concurrently enrolled in) at least one of ECON 200 or ECON 201 Letter grade. (Offered every semester.) 3 credits
ECON 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
ECON 299 -	Individual Study Prerequisites, freshman, or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. Maximum of 6 credits. (Offered every semester.) 1-6 credits
ECON 315 - Economics of Religion	Prerequisites, MGSC 209 , or MATH 203 , and ECON 350 This course employs economic theory and social-scientific methods to study religious beliefs, behavior, and institutions. By combining economic concepts and real-world data, this course will address a wide range of questions concerning the content, causes, and consequences of religion. To a lesser extent, the course will also study the social, political, and economic correlates of religion. (Note that the economic study of religion is a social-scientific enterprise. It does not seek to evaluate the truth of religious claims, nor does it promote one religion over another.) (Offered every year.) 3 credits
ECON 329 - Experimental Course	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. Repeatable if course topic is different. (Offered as needed.) 3 credits
ECON 350 - Intermediate Microeconomics Theory	Prerequisites, ECON 200 , ECON 201 , and MATH 109 , or MATH 110 An intermediate course in microeconomics theory. Theory of demand derived from indifference curves and revealed preference. Supply analysis derived from cost and production functions. Product and resource pricing for both price-seeking and price-taking firms. Other topics covered include externality theory, game theory, and public choice. (Offered every semester.) 3 credits
ECON 351 - Intermediate Macroeconomic Theory	Prerequisites, ECON 200 , ECON 201 , and MATH 109 , or MATH 110 Aggregate supply and demand curves, IS-LM and algebraic models are used to analyze classical, Keynesian, and modern theories of the economy, and the national and international implications of policy decisions. (Offered every semester.) 3 credits
ECON 357 - Topics in Humanomics (Same as ENG 357 , PHIL 357) Prerequisite, consent of instructor.	Using Socratic dialogue this course engages students in dialogically exploring economics, philosophy, and literature texts to examine two questions at the core of Humanomics: What makes a rich nation rich? What makes a good person good? This course encourages in-depth study of the co-constitutive social texts regarding the exponential economic growth of the last two-hundred years, asking students to consider how knowledge, ethics, and aesthetics shape and reshape basic principles of exchange and the human condition. This course may be repeated for credit if the topic is different. (Offered as needed.) 3 credits
ECON 373 - Economic History (Same as HIST 373) Prerequisite, ECON 200	This class will provide a general overview of important events and periods in the economic history of the U.S. and an analysis of important historical events from an economic viewpoint. (Offered spring semester.) 3 credits
ECON 374 - European Economic History (Same as HIST 374) Prerequisites, ECON 200 , ECON 201	This course analyzes the evolution of European economic institutions and the development of industry, commerce, and finance from the fall of the Roman Empire to the Industrial Revolution. It traces the historical path which culminated in European economic hegemony. (Offered fall semester.) 3 credits
ECON 411 - International Economics	Prerequisites, ECON 200 , ECON 201 International trade policy, including effects of tariffs, quotas, subsidies, exchange control, and other trade restrictions upon a nation's economy. Analysis of balance of payments. Causes and methods of correction of disequilibrium in the balance of payments. (Offered every semester.) 3 credits
ECON 421 - Behavioral Economics and Finance	Prerequisites, MATH 110 , ECON 200 , MATH 203 This course will introduce you to the fields of behavioral economics and behavioral finance. Behavioral economics is the economic study of human behavior in individual choices, social situations, markets and institutions motivated by the goal to improve the descriptive accuracy and explanatory power of traditional economic analysis. Behavioral finance is the application of insights from behavioral economics and psychology to study individual financial decisions and properties of financial markets and market prices. Students will explore both areas from the perspective of different methodologies (experiments, theory, field studies), focusing on both fundamental concepts and their applications at different levels of social aggregation (from individuals to markets). Some sections of ECON 421 and ECON 521 will be taught together. Letter grade. (Offered spring semester.) 3 credits
ECON 425 - Economics of Non-Market Behavior	Prerequisite, ECON 350 Applications of economic theory and methods to "non-market" topics, including crime, discrimination, addiction, marriage, fertility, family life, education, religion, sports, and philanthropy. Special emphasis on the path-breaking work of Gary Becker. (Offered as needed.) 3 credits
ECON 431 - Health: Economic, Psychological, and Anthropological Perspectives	Prerequisite, MATH 203 or MGSC 209 or PSY 203 This course will introduce students to economic, psychological, and anthropological perspectives explaining variation in health, wealth, and wellbeing - both within societies and across societies. Students will explore a variety of health related research questions from three perspectives of quantitative inquiry: the first uses macroeconomics, demography, and cross-cultural comparison (comparing phenomena at levels of aggregate levels of populations, countries, and socioeconomic strata), the second uses behavioral economics (i.e., the study of how psychological, social, cognitive, and emotional factors affect the economic decisions of individuals), and the third uses anthropological studies to understand human-environment health interactions from an evolutionarily informed behavioral ecology perspective. The course will be comprised of lecture and discussion, homework problems, and final presentations in class. Some sections of this course may be taught with ECON 531. Letter grade. (Offered as needed.) 3 credits
ECON 441 - Economic Development	Prerequisites, ECON 200 , ECON 201 Theories of economic growth, interaction of culture and development, and obstacles to development. Geography and its relation to development. Problems of capital formation and technological transfers. Public and private sources of investment. Policies and programs to accelerate growth in underdeveloped areas. Letter grade. (Offered every year.) 3 credits
ECON 448 - Managerial Economics	Prerequisites, ACTG 210 , ECON 200 , ECON 201 , and MGSC 209 , or MATH 203 Use an application of economic theory and statistics in the decision-making process. Cases and lectures. (Offered as needed.) 3 credits
ECON 449 - Industrial Organization	Prerequisites, ECON 350 , and MATH 109 , or MATH 110 This course uses applied microeconomic theory to study the relationships between firm conduct, market structure, and industry performance. Topics include monopoly power and imperfect competition, price discrimination, product differentiation, firm entry/exit, advertising, and signaling. The course will introduce the possibility that free markets may not produce the socially optimal set of products. Emphasis will be divided equally between the strategic implications of the models and the policy implications. (Offered every year.) 3 credits
ECON 452 - Econometrics	Prerequisites, ECON 200 , ECON 201 and MATH 109 or MATH 110 , and MGSC 209 or MATH 203 and business administration, or economics major, or computational science, or economics, or mathematics minor. Mathematical and statistical tools to measure economic phenomena. This will involve mathematical formulation of economic theories and statistical inference relating economic theory to empirical analysis. Letter grade. (Offered spring semester.) 3 credits
ECON 455 - The Path to the Modern Economy	Prerequisites, ECON 200 , ECON 201 This course analyzes the evolution of the modern economy from various perspectives. It provides an overview for various arguments put forth to explain why the modern economy arose first in Europe and not in other parts of the world, such as China or the Middle East. Letter grade. (Offered as needed.) 3 credits
ECON 465 - Environmental and Natural Resources Economics	Prerequisites, ECON 200 , ECON 201 Theories of environmental and natural resource economics will be examined both for allocative efficiency and for impacts on growth. The theory of public choice and the theory of market failure will be studied. Theory will be applied to renewable and nonrenewable resources and to pollution of air, water, and land. (Offered as needed.) 3 credits
ECON 471 - Experimental Economics I	Prerequisites, MATH 110 , ECON 350 and MATH 203 , or MGSC 209 , or consent of instructor. This course is designed to engage students as participants in a variety of laboratory market situations, to evaluate outcomes of the laboratory markets relative to theoretical benchmarks for market performance, and to consider the implications of market performance on society. Please note - students who plan to apply to the MSED program or are already admitted in the MSED program will need to register for ECON 571 instead of ECON 471. (Offered as needed.) 3 credits
ECON 481 - Auction and Market Design (Same as MATH 481) Prerequisite, MATH 116 or MATH 210 or MGSC 209 or consent of instructor	This course translates economic theory and analysis into practical solutions to real-world problems. By redesigning both the rules that guide market transactions and the technology that enables trades to take place, this course shows how decentralized systems like auctions can assist organizations and societies to better allocate scarce resources. Topics include digital advertising, matching, spectrum allocation and high-frequency trading to name a few. Letter grade. (Offered fall semester.) 3 credits
ECON 489 - Seminar In Economic Science	Prerequisite, ECON 200 or consent of instructor. Students required to pre-read papers presented by various speakers, attend their seminars, ask intelligent questions and summarize the content and importance of the seminar. Please note - students that plan to apply to the MSBCE program or are already admitted in the MSBCE program need to register for ECON 689 instead of 489. Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 2 credits
ECON 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
ECON 496 - Special Topics in Economics	Prerequisites, ECON 200 , ECON 201 Some sections of this course may require different prerequisites or corequisites. In-depth study of a specific area; content of course changes every semester. Some sections of this course may require different Prerequisites or corequisites. Letter grade. Repeatable for credit once if the topic is different. (Offered as needed.) 3 credits
ECON 499 - Individual Study	Prerequisite, approval of petition. For students who wish to pursue a special area of study not included in the curriculum. Maximum 6 credits. (Offered every semester.) 1-3 credits
EDUC 429 - Experimental Course	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. Repeatable if course topic is different. (Offered as needed.) 3 credits
EDUC 434 - Teaching Difficult Histories, Critical Discourse and Social Action (Same as EDUC 634.)	3 credits
EDUC 446 - Human Development and Wellness in Diverse Classrooms (Same as EDUC 546.)	3 credits
EDUC 470 - Foundational Issues of Voice, Diversity, Equity and Social Justice (Same as EDUC 570.)	3 credits
EDUC 471 - Educating Diverse Learners in Inclusive Classrooms (Same as EDUC 571.)	This course focuses on collaboration, inclusive schooling, and learning characteristics of students with disabilities. This course is designed using fundamental principles of Universal Design for Learning. Candidates will understand the special education as a system, including service delivery models, Multi-Tiered Systems of Supports, the referral process, and Individual Education Plans. Candidates will analyze overrepresentation of students of color in special education, paying particular attention to the role of racial and cultural bias. A minimum of 15 fieldwork hours are required. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
EENG 200 - Electronics and Circuits I	Prerequisite, MATH 110 or MATH 115 Corequisite, EENG 200L Students begin their study of electronics and circuits by studying electricity (current, energy, voltage, power), electronic components (resistors, capacitors, diodes, etc), and fundamental laws for circuits. Students will gain hands on experience building circuits with solderless breadboards in a separate laboratory component. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
EENG 200L - Lab - Electronics and Circuits I	Prerequisite, MATH 110 or MATH 115 Corequisite, EENG 200 Lab component of EENG 200 Letter grade with Pass/No Pass option. (Offered spring semester.) 1 credit
EENG 201 - Digital Signals and Filters	Prerequisite, MATH 111 or MATH 116 Students are introduced to concepts of signal processing focusing on spectrum representation, sampling and aliasing, FIR and IIR filters, frequency response of FIR filters, discrete Fourier and z-Transforms. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
EENG 300 - Electronics and Circuits II	Prerequisite, EENG 200 Corequisite, EENG 300L Students continue their study of circuits, moving into digital and mixed signal circuit design. Topics include transistors, diodes, AC and DC analysis, analyzing circuit response, and integrated circuits. Students will gain hands on experience in the lab by prototyping circuits, simulating complex designs, and designing and analyzing simple PCB circuits. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
EENG 300L - Lab - Electronics and Circuits II	Prerequisite, EENG 200L Corequisite, EENG 300 - Lab component of EENG 300 - Letter grade with Pass/No Pass option. (Offered fall semester.) 1 credit
EENG 310 - Engineering Mathematics	Prerequisite, MATH 215 Students are introduced to mathematical methods for engineers. The class covers topics including matrix theory, complex variables, Laplace and Fourier series, probability theory, and mathematical statistics. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
EENG 320 - Microelectronics I	Prerequisites, EENG 200 and PHYS 102 or PHYS 108 Corequisite, EENG 320L Students are introduced to the fundamental semiconductor devices such as diodes, MOSFETs and BJTs. The I-V characteristics, DC models, and AC small signal models of these devices are utilized in circuit design. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
EENG 320L - Microelectronics I Lab	Prerequisites, EENG 200 and PHYS 102 or PHYS 108 Corequisite, EENG 320 Lab component of EENG 320 Letter grade with Pass/No Pass option. (Offered as needed.) 1 credit
EENG 330 - Electromagnetics I	Prerequisites, MATH 116 or MATH 210 and PHYS 102 Students are introduced to electromagnetism and Maxwell's equations. The covered topics include electrostatics, magnetostatics, properties of conductive, dielectric, and magnetic materials, static fields in the presence of matter, and separation of variables in electromagnetic theory. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
EENG 370 - Topics in Electrical Engineering	Advanced topics in Electrical Engineering. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) 3 credits
EENG 398 - Topics in Advanced Engineering Applications	This course provides a deep dive into very specific advanced engineering topics or technologies. Pass/No Pass. Repeatable for credit if the topic is different. (Offered as needed.) 1 credit
EENG 410 - Control Systems	Prerequisite, EENG 310 Students explore topics related to control systems including linear systems, transfer functions, Laplace transforms, frequency-response, transient response, and feedback through a combination of analytical and computational techniques. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
EENG 420 - Microelectronics II	Prerequisites, EENG 300 - EENG 320 Students design integrated circuit amplifiers like differential amplifiers, power amplifiers, and multi-stage operational amplifiers, including their frequency response and design tradeoffs. Op-amp based circuits like active filters and oscillators are also introduced. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
EENG 430 - Electromagnetics II	Prerequisites, EENG 310 - EENG 330 Students are introduced to advanced concepts in electromagnetic field theory. The covered topics include time-varying Maxwell's equations, Poynting's theorem, plane wave propagation, and transmission lines. In addition, students will be introduced to the basics of wave confinement in waveguides and antenna radiation. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
EENG 440 - Solid State Electronics	Prerequisites, PHYS 201 - EENG 320 Students will be introduced to energy band structures and lattice structures of semiconductor materials and their impact on the device operation. Semiconductor devices such as MOSFETs, BJTs, lasers and solar cells will be explored. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
EENG 450 - Photonics	Prerequisite, EENG 430 Students are introduced to the fundamentals of photonics. The covered topics include fundamental electromagnetic concepts (duality, equivalence, etc.), advanced analysis techniques for photonic systems, and photonic resonators. In addition, students will be introduced to the basics of solid-state devices such as light-emitting diodes, solar cells, photodetectors, and lasers. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
EENG 490 - Independent Internship	Prerequisite, consent of instructor. Internship courses give students the opportunity to earn academic credit while gaining practical work experience, as well as an increased understanding of and exposure to a given career field. Pass/No Pass. This course may be repeated for credit. (Offered as needed.) ½-6 credits
EENG 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Pass/No Pass or Letter grade option with consent of instructor. This course may be repeated for credit. (Offered every semester.) 1-3 credits
EENG 499 - Individual Study	Prerequisite, consent of instructor. Individual study and research is offered to students to research particular topics that are not provided for by regular curriculum offerings. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. After receiving approval, the student must submit the form to the Office of the University Registrar. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered as needed.) 1-6 credits
ENGR 101 - Foundations of Design and Fabrication	Students gain first-hand experience with design and fabrication as a foundation of engineering. Using technologies such as additive manufacturing (eg. 3D printing), embedded systems and software, and electronics, students will work together to develop innovative solutions to interesting problems. This course is offered in a hybrid format only. Pass/No Pass. (Offered every semester.) 3 credits
ENGR 300 - 3D Printing and Design	Student are exposed to the complete lifecycle of the 3D printing process. Students will begin by assembling their own fused deposition modeling (FDM) printer, learning the design and function of each hardware component and how they combine to produce a finished print. Students will learn the characteristics of all major filament types, nozzle sizes and types, how to slice 3D models and adjust slicer settings to produce quality goods, how to resolve common print errors, and how to post-process prints (including wood and metal finishing). Students will also learn to design their own 3D models for printing, culminating in a final, independent project of their own creation. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
ENGR 370 - Topics in Engineering	Advanced topics in Engineering. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) 3 credits
ENG 103 - Seminar in Rhetoric and Composition	Composition seminar devoted to rhetorical understanding and competence in a variety of specific academic contexts. Students may choose from a range of composing topics, each with its own sets of expectations, genres, forms, purposes, and audiences. Attention will focus on multimodal composing in differing discourse communities, but all sections of English 103 address rhetorical effectiveness in composition. Some sections of this course may be offered as hybrid courses or online only. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
ENG 199 - Individual Study	(Offered as needed.) 1-6 credits
ENG 204 - Introduction to Creative Writing	Instructors introduce students to the art and craft of writing fiction, poetry, nonfiction, and/or drama and to the workshop method. Some sections of this course may be restricted to creative writing majors/minors only. (Offered every semester.) 3 credits
ENG 205 - Research-Based Writing	Provides students with intensive experience in research-based academic writing. The course focuses on the shaping and presenting of reports, analyses, and arguments, with special attention to research methodologies, the nature of evidence and evidence use, style(s) and voice(s), audience issues, and document design. Includes the study of essential elements of rhetorical theory; experience with historical, ethnographic, and empirical research methods; and use of textbased and multimodal written forms, including essays, reports, narrative, and visual/electronic text. This course is appropriate for all majors, and no specialized writing experience is assumed. Some sections of this course may be offered as hybrid courses or online only. (Offered every semester.) 3 credits



ENG 206 - Critical Literacies and Community Writing	This course provides an opportunity to explore public discourse, to see how dominant cultural expressions shape members of communities as well as how individuals and groups shape cultural messages. Students will critically observe and analyze public texts and events. The course is based upon the idea that bringing the texts in their lives to attention as material for reflection and deliberation provides students an opportunity to identify the rhetorical patterns used to enact community aims and to empower students to develop a voice in this public forum. Often includes experiential learning projects through community engagement and service-learning. Some sections of this course may be offered as hybrid courses or online only. (Offered every semester.) 3 credits
ENG 208 - Written Inquiry: Composing Self	Students explore the relationship between identity and writing. Students will study a variety of genres (personal essays, researched essays, academic articles, news reports, case studies, and ethnographies) and theoretical approaches to learn how and why writers create versions of themselves for rhetorical effect. While investigating identity construction in writing, students will hone their own rhetorical and stylistic skills. Students will compose narratives, essays, reports, and multi-genre compositions, drawing from personal experience, observation, and primary and secondary sources. The course will also address the role of self in the research-writing process by requiring students to conduct original academic research projects. This course is appropriate for all majors, and no specialized writing experience is assumed. Some sections of this course may be offered as hybrid courses or online only. (Offered every semester.) 3 credits
ENG 210 - News Reporting and Writing Workshop	Prerequisite, ENG 215 or consent of instructor Students will learn the critical thinking and writing skills needed to find, report and write engaging news and accountability journalism for a professional daily news site. Learning modules will include community, accountability, and enterprise reporting, meeting deadlines, setting goals, creating engaging content, making ethical news decisions. P/NP. May be repeated for credit. (Offered every semester.) 3 credits
ENG 211 - Introduction to Digital Journalism Workshop	Prerequisite, ENG 215 or corequisite, ENG 215 or consent of instructor. This course introduces students to the fast-paced world of digital journalism. With faculty guidance, students will conceive and pitch story ideas, while learning the technical skills needed to report, write, post and promote content online. Students will master the basics of pitching and posting as they create visually fun features. While creating content, students will be introduced to the essentials of digital journalism, including ethics, blogging, videography, GIFs, Adobe Photoshop, Adobe Illustrator, iMovie, WordPress design, Google analytics; social media strategies to promote content; writing photo captions and hashtags; copyright and image attribution; basic photography (stills and video). Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 3 credits
ENG 211L - Introduction to Online Journalism Lab	Corequisite, ENG 211 This course is an optional lab that supports ENG 211 The lab gives students additional guidance in the essential elements of online journalism, including news judgment, ethics of online reporting, blogging, web design, photography, video, Google Analytics, GIFs, social media strategies and careers. Students will have opportunities for one-on-one instruction with working professionals. P/NP. May be repeated for credit. (Offered every semester.) 0-1 credit
ENG 215 - Theory and Practice of Journalism and Reporting Lab	Students study and practice news gathering and reporting, emphasizing the development of writing skills. Assignments include finding news sources, using interviewing techniques, and writing acceptable news copy, feature stories, editorials, critical reviews, and personal interviews. The history, philosophy, ethics, and major criticism of the news media are covered. This course includes a lecture and required laboratory component held at different times. Letter grade with Pass/No Pass option. (Offered every semester.) 4 credits
ENG 218 - Introduction to Digital Design for Journalists	Prerequisite, ENG 215 or corequisite, ENG 215 or consent of instructor. This course introduces students to the fundamentals of WordPress design and visual story telling using audio, video, slideshows and other digital journalism and media formats. Students will learn to plan and execute storytelling on the WordPress platform during workshop modules that include learning the basics of creating infographics, animated GIFs, photo galleries, interactive quizzes, social media graphics, and lesser videos to present and publish engaging digital content in collaboration with student-led campus publications. Students will learn to use WordPress digital design tools essential for journalists, including Adobe Illustrator, Adobe Photoshop, Adobe InDesign; video and iMovie editing. (Offered every semester.) 3 credits
ENG 221 - Literature I (antiquity to 1400 CE)	A survey of literatures written prior to 1400 CE. The course focuses on western literatures but may attend to other traditions as well. Content varies by semester, but readings typically include examples or excerpts of the following: the Bible, Greek tragedy, Greek or Roman epic, Metamorphoses, Beowulf, chivalric romance, Canterbury Tales, Petrarch, Commedia. (Offered as needed.) 3 credits
ENG 222 - Literature II (1400-1800 CE)	A survey of literatures written between 1400-1800 CE. The course focuses on Anglophone literatures but may attend to other traditions as well. Content varies by semester, but readings typically include examples or excerpts of the following: lyric poetry, stageplay, essay (e.g., Montaigne, Bacon, Johnson, Addison), Don Quixote, Paradise Lost, satire, novel/novella, Romanticism. (Offered as needed.) 3 credits
ENG 223 - Literature III (1800 CE-present)	A survey of literatures written from 1800 CE to the present. The course focuses on Anglophone literatures but may attend to other traditions as well. Content varies by semester, but readings typically include examples or excerpts of the following: romanticism, realism, slave narratives, naturalism, modernism and postmodernism. The course situates texts within their historical contexts, exploring how literary texts participated in the upheavals of Civil and World Wars, colonialism and post-colonialism, and the emergence of global modernity/postmodernity. (Offered as needed.) 3 credits
ENG 227 - Writing the One-Act Play	This course introduces the fundamentals of playwriting. To that end, the course will study play structure, the sources for good plays, what makes a good play, and what does not make a good play. (Offered as needed.) 3 credits
ENG 228 - Introduction to Screenwriting	Prerequisite, creative writing major or English minor. Students discuss, criticize, and evaluate the techniques of commercial, feature screenwriting (the screenwriting workshop) at the introductory level in order to produce a potentially marketable work. (Offered fall semester.) 3 credits
ENG 229 - Experimental Course	(Offered as needed.) 3 credits
ENG 241 - Introduction to Sports Journalism	This class offers students the opportunity to explore the state and practice of sports journalism. Students will learn the history of sports writing as well as the fundamentals of the sports writing process, from information gathering and interviewing to writing and editing copy. Letter grade only. (Offered every semester.) 3 credits
ENG 250 - Introduction to Fiction	Students read and analyze selected short stories and novels in conjunction with critical commentary chosen to represent a wide range of theoretical viewpoints. Authors studied vary each semester, but might include Hawthorne, Melville, Gogol, Maupassant, Chopin, Austen, Hemingway, Carver, O'Connor, Atwood, and Morrison. (Offered every semester.) 3 credits
ENG 252 - Introduction to Poetry	This course on the history of modern poetry (from 1800 to the present) studies, among other subjects, the many variations of poetic form, subjectivity and language, and the function of poetry in society. (Offered every semester.) 3 credits
ENG 253 - Photojournalism	This class will cover principles of photojournalism, ethics and visual newsgathering with an emphasis on accuracy and conduct. Caption writing, basic newsgathering, and image photo editing will be discussed. Digital darkroom, scanning and workflow will be discussed. Must have access to 35mm camera. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
ENG 256 - Introduction to Literary Theory and Criticism	Prerequisite, written inquiry. This course examines the major trends, theories, interpretative methodologies, and techniques of literary criticism and cultural studies. ENG 256 is the gateway course for the literature emphasis in the English major. It must be taken prior to or concurrent with all 300- or 400-level literature courses. (Concurrent enrollment requires permission of advisor.) (Offered every semester.) 3 credits
ENG 260 - Literature into Film	This course examines how selected works of written literature are translated into films. Discussions will focus on the difference imposed by the printed word and cinema in shaping the same material into two different artistic expressions. The course will investigate the adaptation of literary works such as Shakespeare's Othello, Shelley's Frankenstein, Albee's Who's Afraid of Virginia Woolf, and Hammett's Maltese Falcon or King's "The Body." Designed for non-majors, ENG 260 does not count toward the English major. (Offered as needed.) 3 credits
ENG 270 - Foundations of Rhetorical Studies	Prerequisite, written inquiry. Designed as a gateway to all upper-division rhetoric offerings, this course will familiarize students with major themes and epistemologies in the history of Rhetoric. Beginning with the pre-Socratics and ending with post-modernism, students will explore the theoretical shifts and major figures that define a modern study of Rhetoric. Some sections of this course may be offered as hybrid courses or online only. (Offered every semester.) 3 credits
ENG 271 - Introduction to Linguistics	Through an introduction to the major characteristics and components of human language, students become familiar with the power and complexity of language, the way it influences our interaction with other people, and its potential contribution to understanding ourselves and society. (Offered every year.) 3 credits
ENG 272 - Reading Cinema	This course examines how cinema is read within a range of contexts. These contexts may include the cultural, aesthetic, historical, and/or interdisciplinary. Conceptual issues that may be covered include national identity, gender and sexuality, power, and spectatorship. (Offered as needed.) 3 credits
ENG 290 - Internship	Prerequisite, consent of instructor. Internships in the English Department are offered with the cooperation of various organizations. Interns employ critical reading, writing, and research skills and acquire significant work experience related to the English major. Students may learn new skills and explore career opportunities. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
ENG 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
ENG 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-3 credits
ENG 302 - Writing About Diverse Cultures	Prerequisite, written inquiry. This class sharpens writing skills through the study of writers from diverse and non-Western cultures. Major emphasis, however, is on student writing. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
ENG 304 - Creative Writing: Special Topics	Prerequisite, ENG 204 More specialized than introductory creative writing, this course focuses on special topics. The special topic will vary from section to section, and available topics will change semester to semester. Possible topics include Avant-Garde Experimental Writing, Archival Research for Creative Writing, Bilingual (Spanish) Writing, Gender and Writing, Science Writing, Science Fiction and Fantasy Writing, Writing California, Writing Resistance, Writing Spirituality, Traditional and Arbitrary Forms, Questioning Genre, or another focus at the discretion of the instructor. While a section may focus on a topic within a particular genre, students may read and/or write across fiction, nonfiction, poetry, and other genres. May be repeated for credit with a different topic. (Offered every semester.) 3 credits
ENG 304A - Creative Writing Special Topics: Experimental Writing	Prerequisite, ENG 204 More specialized than introductory creative writing, this course focuses on writing experimental or avant garde work. ENG 304A may focus on a particular genre, or students may be asked to read and write across fiction, nonfiction, poetry, and other genres. Letter grade. (Offered as needed.) 3 credits
ENG 304B - Creative Writing Special Topics: Science or Speculative Fiction Writing	Prerequisite, ENG 204 More specialized than introductory creative writing, this course focuses on writing science or speculative fiction. ENG 304B may focus on a particular genre, or students may be asked to read and write across fiction, nonfiction, poetry, and other genres. Letter grade. (Offered as needed.) 3 credits
ENG 304C - Creative Writing Special Topics: Writing Health and Science	Prerequisite, ENG 204 More specialized than introductory creative writing, this course focuses on writing about health, illness, disability, medicine, and science. ENG 304C may focus on a particular genre, or students may be asked to read and write across fiction, nonfiction, poetry, and other genres. Letter grade. (Offered as needed.) 3 credits
ENG 304D - Creative Writing Special Topics: Young Adult Writing	Prerequisite, ENG 204 More specialized than introductory creative writing, this course focuses on writing science fiction. ENG 304D may focus on a particular genre, or students may be asked to read and write across fiction, nonfiction, poetry, and other genres. Letter grade. (Offered as needed.) 3 credits
ENG 305 - Business Writing	Prerequisite, written inquiry course. Students write in a variety of professional forms, for specific audiences and purposes. The course emphasizes applied business writing with rhetorical practices and purposes for genres such as resumes, cover letters, memos, reports, and codes of conduct. Students will write for cross-cultural audiences, ethical dilemmas, and oral presentations. Course may also include community outreach projects in which students work with local non-profit groups. Some sections of this course may be offered as a hybrid course. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
ENG 308 - Public Affairs Reporting	Prerequisites, ENG 210 , ENG 215 Emphasizing public affairs reporting, this is an advanced research and writing course designed to teach students to write for broadcast, print and online publications while exploring what it means to be a citizen on various levels: municipal, county, state and federal. Skills developed include gathering information, obtaining public documents, writing concisely with clarity and precision, interviewing, editing and critical thinking about the media's role in a democracy. Students will publish their best work on a professional daily platform, positioning themselves to obtain paid internships and jobs. (Offered every semester.) 3 credits
ENG 310 - Writing Creative Nonfiction	Prerequisite, ENG 204 , or ENG 208 Students examine the stylistic and formal elements of creative nonfiction, which might include literary journalism, autobiography, memoir, and personal essays. Students write their own creative nonfiction, which the professor and fellow students critique in a workshop. (Offered every year.) 3 credits
ENG 312 - Writing the Short Story	Prerequisite, ENG 204 Students examine the stylistic and formal elements of the short story. Students write short stories which the professor and fellow students critique in a workshop. (Offered every year.) 3 credits
ENG 313 - Writing Southern California	Prerequisite, ENG 204 , or ENG 310 A nonfiction writing workshop in which students read classics of fiction and nonfiction set in Southern California and write about the region from their own experiences with the land and its people. (Offered as needed.) 3 credits
ENG 314 - Writing the Novel	Prerequisite, ENG 204 Students examine the stylistic and formal elements of the novel and work on their own novel which the professor and fellow students critique in a workshop. (Offered every year.) 3 credits
ENG 316 - Writing Poetry	Prerequisite, ENG 204 Students examine the history, stylistic and formal elements, and theories of poetry. They write poems which they bring into class for critique by the professor and fellow students in a workshop setting. (Offered every year.) 3 credits
ENG 318 - Intermediate Screenwriting	Prerequisite, ENG 204 Students discuss, criticize, evaluate and study the techniques of commercial, feature screenwriting with emphasis on such elements as plotting, character, dialogue and formatting. The course will be arranged both as a seminar. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
ENG 319 - Digital Magazine Workshop for Journalists	Prerequisite, ENG 215 or consent of instructor. Students will study all aspects of magazine production while learning to find, present and publish engaging features for digital audiences. Under the guidance of faculty, students will publish a student-led digital monthly covering the campus community. In addition to learning production theory, students will master basic feature reporting and writing skills such as how to conceive, report, organize, write, edit and post short and long form features on a WordPress platform. Learning modules include how to find and pitch feature ideas; how to report, organize and write short and long form features; how to find appropriate art, photos and videos to illustrate content; how to use social media to promote content; WordPress design, editing and photography. Emphasis will be placed on learning effective time management skills, and enterprise feature writing and editing. May be repeated for credit. (Offered every semester.) 3 credits
ENG 320 - Topics in American Literature before 1870	Prerequisite, ENG 256 This course encourages in-depth study of the literature and culture of the U.S. before 1870. ENG 320 employs a topical or thematic approach, focusing on a particular theme, writer, genre, and/or group of writers. Possible foci include the literature of the American Renaissance, the Civil War, or the rise of the 19th-century American woman writer. This course can be used to satisfy the pre-1850 distribution requirement for English majors. ENG 320 May be repeated for credit with a different emphasis. (Offered every year.) 3 credits
ENG 321 - Topics in American Literature after 1870	Prerequisite, ENG 256 This course encourages in-depth study of the literature and culture of the U.S. after 1870. ENG 321 employs a topical or thematic approach, focusing on a particular theme, writer, genre, and/or group of writers. Possible foci include American realism, the literature of the Gilded Age, literature of WWI and WWII, the emergence of Modernism and Postmodernism. This course can be used to satisfy the post-1850 distribution requirement for English majors. ENG 321 May be repeated for credit with a different emphasis. (Offered every year.) 3 credits
ENG 323 - Journalists as Historians	Prerequisites, ENG 215 , or HIST 296 , and English, or history major, or minor. Students read, discuss, and critique works of historical nonfiction by journalists, and prepare their own magazine-length article on a historical event. This course will expose students to how journalists work then they cross the boundary into history, note the overlaps in technique, and how to tease narratives from myriad details. (Offered as needed.) 3 credits
ENG 325 - Introduction to Shakespeare	This course provides a general introduction to Shakespeare by considering representative tragedies, comedies, histories, and romances. ENG 325 aims to increase students' knowledge of Shakespeare's plays by considering the historical, literary, and cultural contexts of their creation and performance. This course also helps students understand and apply contemporary approaches in the field of Shakespeare studies. ENG 325 does not fulfill elective requirements for English majors in the Literature area of study. Majors in the Literature area of study should take ENG 430 , or ENG 432 (Offered as needed.) 3 credits
ENG 326 - Topics in American Literature	Prerequisite, ENG 256 Examining significant themes in American literature. Dependent upon its focus, this course might be used to satisfy a distribution requirement for English majors. May be repeated for credit with a different focus. (Offered spring semester.) 3 credits
ENG 327 - Multicultural Literatures of the U.S.	Prerequisite, ENG 256 Examining alienation, assimilation, oppression, ethnic pride, and the twin searches for meaning and an authentic voice in minority literature in America, this course might focus on African-American, Asian-American, or Chicano/Latino literature. This course can be used to satisfy the diversity distribution requirement for English majors. (Offered fall semester.) 3 credits
ENG 328 - Writing for Video Games	Prerequisites, ENG 204 and English or screenwriting or creative writing major or creative and cultural industries or English or game development programming minor. This course will focus intensively on the possibilities of narrative in an interactive, choice-based environment. It will study how narrative theory (narratology) can be remediated by game studies (ludology) in order to create interactive narratives that bridge the best of both worlds. Students engaged in theory and practice, working collaboratively to design and compose narrative games. (Offered fall semester.) 3 credits
ENG 329 - Experimental Course	(Offered as needed.) 3 credits
ENG 332 - Topics in Early Modern Literature	Prerequisite, ENG 256 , or HIST 308 This course encourages in-depth study of the literature and culture of the early modern period (ca. 1500-1700). ENG 332 employs a topical or thematic approach, focusing on a particular theme, writer, genre, and/or group of writers. Possible foci include early modern epic, non-Shakespearean Renaissance drama, early modern women writers, and sex/gender in the Renaissance. This course can be used to satisfy the pre-1850 distribution requirement for English majors. ENG 332 May be repeated for credit with a different emphasis. (Offered spring semester, alternate years.) 3 credits
ENG 337 - Topics in British Literature	Prerequisite, ENG 256 This course examines significant themes, genres, or movements in British literature. Possible courses include postcolonial literature, literature of war, and British women writers. Dependent upon its focus, this course might be used to satisfy one of the distribution requirements for English majors. May be repeated for credit with a different focus. (Offered as needed.) 3 credits
ENG 339 - World Literature from 1900 to the Present	Prerequisite, ENG 256 Students read chosen works of non-Anglophone literature from 1900 to the present. Emphasis may vary to focus on the relationship of literature to other arts and cultures. Authors may include Achebe, Akhmatova, Beckett, Bely, Borges, Calvino, Césaire, Kafka, Kawabata, Lispector, Lorca, Lu, Maifouz, Marquez, Pirandello, Proust, Queneau, Rilke, Rulfo. This course can be used to satisfy either the diversity or the post-1850 distribution requirement for English majors. (Offered alternate years.) 3 credits
ENG 340 - The Bible as Literature: The Hebrew Scriptures (Same as REL 340)	3 credits
ENG 341 - The Bible as Literature: The Christian Scriptures (Same as REL 341)	3 credits
ENG 344 - Topics in British Literature before 1850	Prerequisite, ENG 256 This course encourages in-depth study of British literature and culture before 1850. ENG 344 employs a topical or thematic approach, focusing on a particular theme, writer, genre, and/or group of writers. Possible foci might include: monsters and magic in medieval literature, early modern epic, 18th century women writers, or sex/gender in pre-modern England. This course can be used to satisfy the pre-1850 distribution requirement for English majors. ENG 344 May be repeated for credit with a different emphasis. (Offered every semester.) 3 credits
ENG 345 - Topics in British Literature after 1850	Prerequisite, ENG 256 , or HIST 313 This course encourages in-depth study of the literature and culture of Britain after 1850. ENG 345 employs a topical or thematic approach, focusing on a particular theme, writer, genre, and/or group of writers. Possible foci include the Gothic novel, literature of WWI and WWII, James Joyce's Ulysses, or postcolonial fiction. This course can be used to satisfy the post-1850 distribution requirement for English majors. ENG 345 May be repeated for credit with a different emphasis. (Offered every semester.) 3 credits
ENG 346 - Special Studies in Literature	Prerequisite, ENG 256 This course is concentrated on one area, such as literature of exile, law and literature, or Canadian literature. Credit may be arranged to travel in a foreign country while studying the literature of that country. The course may be designed to meet individual student interests. The London Theatre Tour and Literary London are offered as sections of ENG 346. Dependent on its focus, this course might be used to satisfy one of the distribution requirements for English majors. May be repeated for credit with a different focus. (Offered as needed.) 1-6 credits
ENG 347 - Topics in Literary and Cultural Studies	Prerequisite, ENG 256 In this course, students investigate significant themes or movements in literature and culture. Some sections of this course may be offered with SOC 347 Topics vary. May be repeated for credit with a different focus. (Offered as needed.) 3 credits
ENG 351 - Writing the Graphic Novel	Prerequisite, ENG 204 In this course, students will complete a script for an original graphic novel. They also analyze a wide range of graphic novels (domestic and international, traditional and experimental). The course includes a brief history of the American and Japanese graphic novel and engages the work of Comics Studies scholars and influential thinkers like Scott McCloud. (Offered as needed.) 3 credits
ENG 355 - Theater in England	A three-week study of English theater, with a focus on Shakespearean drama but also including classical and modern plays, as well as musicals. Students will read, watch, and analyze between 8 and 12 plays while exploring the rich and vibrant city in which Shakespeare once lived and wrote. Plays and venues vary, but often include productions at Shakespeare's Globe, the National Theatre, and a number of West End playwrights. (Offered summer, alternate years.) 3 credits



ENG 356 - Literary Publishing Workshop	Prerequisite. ENG 204 This course introduces students to the world of literary publishing. Students gain hands-on experience producing Callope, Chapman University's literary and arts journal. Topics may include submissions, the editorial process, textual production, and distribution. May be repeated for credit. (Offered as needed.) 1 credit
ENG 357 - Topics in Humanomics (Same as ECON 357 , PHIL 357)	3 credits
ENG 360 - War, Memory, and Literature (Same as PCST 360)	3 credits
ENG 370 - Technical Writing	Prerequisite, written inquiry course. This course will explore principles and procedures of technical writing with attention to rhetorical strategies, document design, usability, style, and editing. These principles and procedures will be applied to the basic genres of research-based scientific and technical writing, including the report, proposal, manual, resume and/or professional correspondence for business, industry, and technology. Appropriate for all majors. Some sections of this course may be offered as hybrid courses or online only. (Offered as needed.) 3 credits
ENG 371 - Discourse Analysis	This course is an introduction to the contemporary study of discourse analysis as a way to explore a broad range of social practices embodied in language. It provides an opportunity to work with specific techniques of discourse analysis, studying how social relations, identities, and knowledge are constructed through language. The course will prepare students to use language "tools of inquiry" in their research in the humanities. Some sections of this course may be offered as hybrid courses or online only. (Offered fall semester.) 3 credits
ENG 372 - Language and Ideology	A detailed examination of political rhetoric, how groups (in may different configurations) of people are persuaded to accept, support and even defend specific ideological formulations. Students will explore notions of "ideological literacy," "hegemonic discourse" and "the political unconscious" as they relate to social movements, grand narratives and material existence. (Offered every year.) 3 credits
ENG 373 - Rhetorical Criticism	Prerequisite, written inquiry course. This course studies the purpose of rhetorical criticism, particularly as a practice of both critical inquiry and social agency. Students will examine multiple fields of public discourse, focusing on the rhetoric of social and political movements in the digital age. (Offered spring semester.) 3 credits
ENG 374 - Environmental Rhetoric	This course studies the rhetoric of the heterogeneous environmental movement. The questions guiding this course are about knowledge-how it is constructed, framed, and instrumentalized in environmental discourse. Fields of discourse might include global warming, biodiversity, environmental justice, conservation and wilderness, toxicity and health, and sustainability. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
ENG 375 - Composing New Media	This course studies how and why we compose in new media. Students will explore the move from print to online publishing; the rhetorical effects, complexities, and problems of this online setting; and the rhetorical choices they must make in their own online texts. Students will study and compose in different new media platforms, which may include blogs and other hypertexts. They will also investigate how the rhetoric of these venues creates new situations and opportunities for academic, journalistic, and political writing in the evolving public sphere. Some sections of this course may be offered as hybrid courses or online only. (Offered fall semester.) 3 credits
ENG 380 - Latinx and Indigenous Rhetorics	Prerequisite, written inquiry. This course traces the rhetorical traditions of Latinx and Indigenous cultures from diverse spaces and diverse lenses through a critical analysis of the rhetorical practices in Latin America and North America. From Mesoamerican writing to oral storytelling to digital multimodality, this course examines how Latinx and Indigenous identities, communities, languages, and political discourses influence communication praxes throughout the continent. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
ENG 398 - The Scholar's Workshop	Prerequisites, ENG 256 and junior standing or consent of the instructor. Students will learn methods for undertaking original research in literary and/or rhetorical studies. This course prepares students for ENG 498A : Senior Seminar by focusing on the development of a senior project, the identification of appropriate faculty mentors, and the craft of revision. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
ENG 399 - Independent Study and Research	Prerequisite, written inquiry, consent of instructor. May be repeated for credit. (Offered as needed.) 1-6 credits
ENG 403 - Techniques in Poetry Writing	Prerequisite, ENG 204 Using lectures and workshops, students learn, practice, and analyze the basic techniques necessary to write and revise poetry and to understand their options as members of the larger community of poets. Techniques of poetry may include sound, voice, imagery, metaphor, narrative, traditional forms, and writing processes. (Offered every year.) 3 credits
ENG 404 - Techniques in Writing Fiction	Prerequisite, ENG 204 Through lectures and workshops, students practice producing publishable fiction or poetry. Techniques of fiction may include plot development, viewpoint selection, three-dimensional characterization, dialogue, scene and summary settings, and theme. (Offered every year.) 3 credits
ENG 405 - Advanced Workshop in Poetry Writing	Prerequisite, ENG 204 Students discuss, critique, and revise individual poems in order to produce work suitable for submission to a literary journal. Students examine the conventions of various forms, poetry movements, and/or individual poets to determine the areas within which they choose to work. May be repeated for credit. (Offered every semester.) 3 credits
ENG 406 - Advanced Workshop in Writing Fiction	Prerequisite, ENG 204 Students discuss, criticize, and evaluate novel chapters or short stories in order to produce publishable work. Students work within their chosen genre and form, and the guidelines of various genres and forms are examined. May be repeated for credit. (Offered every semester.) 3 credits
ENG 407 - Literary Forum: Tabula Poetica Poetry Reading Series	Prerequisite, ENG 204 Literary Forum studies four contemporary poets and their work in conjunction with a lecture and reading series sponsored by Tabula Poetica: Poetry at Chapman University. Lectures and readings are conducted by novelists, poets, critics, screenwriters, and creative non-fiction writers held every year during the spring semester and the reading and analysis assignments are based on the visiting writers' works. This course will focus not only on the series' writers, but on contemporary poetry in general, incorporating work beyond American when appropriate. This course may be used to satisfy the post-1850 distribution requirement for English majors. (Offered fall semester.) 3 credits
ENG 409 - Literary Forum: John Fowles Center Contemporary Writers Core	Prerequisite, ENG 204 Literary Forum studies six contemporary authors and their work in conjunction with a lecture and reading series sponsored by the John Fowles Center for Creative Writing. Lectures and/or readings conducted by novelists, poets, screenwriters, and creative non-fiction writers held every year during the spring semester and the reading and analysis assignments are based on the visiting writers' works. This course will focus not only on the series' writers, but on contemporary writing in general both in the Americas and in Europe. This course can be used to satisfy the post-1850 distribution requirement for English majors. (Offered spring semester.) 3 credits
ENG 410 - Advanced Reporting and Editing Workshop for Journalists	Prerequisites, ENG 210 , ENG 308 , or consent of instructor. This is a fast-paced course for advanced journalism students who want to master the reporting, writing and editing skills necessary to obtain paid media internships and jobs. Under the guidance of faculty and professional editors, students will report and write for the nonprofit news agency Voice of OC, learning advanced reporting, editing, news room management, digital design, photography and video journalism skills. Students will cover civic beats throughout Orange County, including cities, education, transportation, the environment, health, public safety, housing, courts, crime and social issues. Emphasis will be placed on helping students develop the enterprise reporting and writing skills required to publish thorough and fair accountability journalism, and give the public real-time news that monitors local governments. May be repeated for credit. (Offered every semester.) 3 credits
ENG 411 - Advanced Digital Journalism Workshop	Prerequisite, ENG 211 or consent of instructor. This is an advanced digital editing course for students who want to master the newsroom leadership skills necessary to obtain paid media internships and jobs. Students will examine the rapid changes in new media. For students interested in leveraging interactive media to create, edit and present engaging content, this course will emphasize editing student reporters; creating content using video; building platforms and verticals to attract page views; initiating social media strategies to grow readership; Google analytics and WordPress design. Students will apply for newsroom leadership roles, learn management strategies to effectively lead teams of student content creators, and work collaboratively to create visually fun features. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered every semester.) 3 credits
ENG 414 - Narrative Nonfiction	Prerequisite, ENG 319 or consent of instructor. This is an advanced course introducing students to narrative nonfiction, literary journalism and fact-based storytelling. By reading and analyzing narrative nonfiction texts, students will learn how to combine in depth research with character-driven storytelling to produce compelling fact-based long form articles and books. Students will read and critically assess structure, tone and style in a wide range of narrative nonfiction texts, learning the basics of the Five Act structure, plot diagrams, the Hero's Journey and how to recognize and build narrative and character arcs. Throughout the semester, students will complete a series of reporting and writing assignments that will culminate in a final narrative nonfiction project or profile. May be substituted for ENG 419 (with the approval of the Department Chair. (Offered fall semester.) 3 credits
ENG 415 - Topics in Journalism	Designed for the student interested in contemporary journalism and the role journalism plays in the world or specific areas. Sample topics might include: Current Trends In Journalism, The Foreign Press Today, Journalism and the Business World, Minorities and the Press, Contemporary Newspaper Literature, Reporting Public Affairs. May be repeated for credit. (Offered as needed.) 3 credits
ENG 418 - Advanced Digital Design for Journalists	Prerequisite, ENG 218 or consent of instructor. In this advanced course, students will master WordPress design skills introduced in ENG 211 , learning to blend editorial design essentials (grids, color, type, story structures, motion, user experience) with modern tools for building digital stories and engaging content. Students will work collaboratively with editors of the campus digital daily and monthly magazine to publish engaging digital content created by reporters and editors on a WordPress platform. Students will apply theories of design, photography and videography to produce content packages, infographics, animated GIFs, photo galleries, interactive quizzes, social media graphics, and teaser videos. The course will challenge students to understand the conceptual aspects of the formal language of the visual arts by analyzing the ever changing relationship between words and images. May be repeated for credit. (Offered every semester.) 3 credits
ENG 419 - Advanced Workshop in Creative Nonfiction	Prerequisite, ENG 204 Students discuss, criticize and evaluate nonfiction essays in order to produce publishable work. Students work within their chosen genre and form, and the guidelines of various genres are examined. Letter grade. This course may be repeated for credit. (Offered every year.) 3 credits
ENG 421 - Humanities Computing	An introductory course in digital humanities that blends theory and practice in computing for humanities disciplines. Students explore the current state of digital humanities research, the history and future of games, the rise and current iterations of new media, and fundamental principles of computing. This course is appropriate for all majors and minors, especially those in the arts, humanities, and social sciences. (Offered as needed.) 3 credits
ENG 422 - Techniques in Creative Nonfiction	Prerequisite, ENG 204 Through lectures and workshops, students practice producing publishable creative nonfiction. Techniques may include research, narrative arc, viewpoint selection, scene and summary, settings, and theme. (Offered every year.) 3 credits
ENG 425 - Professional ESL	Advanced instruction in English as a second language. Students will review representative examples of academic and professional writing, and complete assignments designed to assist students in modeling such writing. (Offered as needed.) 3 credits
ENG 429 - Experimental Course	(Offered as needed.) 3 credits
ENG 430 - Shakespeare's Comedies and Histories	Prerequisite, ENG 256 , or HIST 308 , or TH 322 Advanced study of approximately 10 of Shakespeare's comedies and histories with attention to their literary, historical, and cultural contexts. This course can be used to satisfy the pre-1850 distribution requirements for English majors. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
ENG 432 - Shakespeare's Tragedies and Romances	Prerequisite, ENG 256 , or HIST 308 , or TH 322 Advanced study of approximately 10 of Shakespeare's tragedies and romances with attention to their literary, historical, and cultural contexts. This course can be used to satisfy the pre-1850 distribution requirement for English majors. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
ENG 441 - Topics in Drama	Prerequisite, ENG 256 An opportunity for in-depth study, this course may focus on a single theme, historical period, or group of writers. Possible topics include the revenge tragedy, Renaissance drama (excluding Shakespeare), the theater of the absurd, and contemporary drama. Some sections include attendance of plays on or off campus. Dependent upon its focus, this course might be used to satisfy one of the distribution requirements for English majors. May be repeated for credit with a different focus. (Offered as needed.) 3 credits
ENG 442 - Topics in Poetry	Prerequisite, ENG 256 This course may concentrate on one or more poets, poetic movements, or periods. It may include a comparative approach to either a group of national poetries or at least two national or shared-language poetries. Dependent upon its focus, this course might be used to satisfy one of the distribution requirements for English majors. May be repeated for credit with a different focus. (Offered spring semester, alternate years.) 3 credits
ENG 443 - Topics in Fiction	Prerequisite, ENG 256 Students study short stories, novels, and novellas from Europe, Asia, Latin America, and/or North America. Dependent upon its focus, this course might be used to satisfy one of the distribution requirements for English majors. May be repeated for credit with a different focus. (Offered fall semester, alternate years.) 3 credits
ENG 445 - Major Author(s)	Prerequisite, ENG 256 Students concentrate on the writings of either one significant author or a group of authors who can be profitably studied together. Examples of major figures include, but are not limited to, Chaucer, Spenser, Milton, Pope, Swift, Johnson, Keats, Dickens, Hawthorne, Melville, Pound, Eliot, Woolf, Joyce, Proust, Kazantzakis, and Faulkner. Dependent upon its focus, this course might be used to satisfy one of the distribution requirements for English majors. May be repeated for credit with a different focus. (Offered spring semester.) 3 credits
ENG 446 - Topics in Rhetoric	Prerequisite, written inquiry. An opportunity for in-depth study, this course may focus on a single theme, historical period, or group of rhetoricians. Possible topics include Early Rhetoric (Greek, Roman, early Christian, medieval and scholastic); History of Rhetoric from the English Renaissance to today; the Rhetoric of the American Slavery Debate; History of Women Rhetoricians; the Rhetoric of Technology. Dependent upon its emphasis, this course might be used to satisfy one of the distribution requirements for English majors. May be repeated for credit with different emphasis (Offered as needed.) 3 credits
ENG 447 - Topics in Comparative Literature	Prerequisite, ENG 256 Other prerequisites vary according to topic. See instructor or syllabus. This course analyzes key themes, motifs, and principles which integrate philosophy, psychology, politics, sociology or the history of ideas with literature. Recent themes have included Poetics of the Novel; Writers Writing from the Margin; Women in Love and Other Emotional States; Poetry or Prose? This course can be used to satisfy the diversity distribution requirement for English majors. May be repeated for credit with a different focus. (Offered as needed.) 3 credits
ENG 447-IRE - The "Real" Westeros: Game of Thrones and Northern Ireland	This travel course situates George R.R. Martin's Game of Thrones in contemporary dialogues about, multiple perspectives of, and various theoretical approaches to the literary, the visual, the political, and the historical. We will examine Northern Ireland's tumultuous history and how this history is used, distorted, and/or problematized by tourism involving Game of Thrones (both literary texts and the television adaptation). Some sections of HON 447 will be taught with ENG 447-IRE. Fee: TBD. (Offered as needed.) 3 credits
ENG 449 - Literature in Translation	Prerequisite, written inquiry. Readings in English translations of literary works from one foreign language such as Spanish, French, Russian, German, Italian, or Japanese. May be repeated for credit with a different focus. This course can be used to satisfy the diversity distribution requirement for English majors. (Offered as needed.) 3 credits
ENG 453 - Advanced Photojournalism	Prerequisite, ENG 253 , or consent of instructor. This class will cover advanced principles of photojournalism, ethics, and visual newsgathering with an emphasis on accuracy, caption writing, basic newsgathering, image photo editing, digital darkroom, scanning and workflow. Students will learn to translate the 5w's of journalism into visuals-showing what, who, where, when and why with the camera with introductions to strobe photography for both portrait and studio. Must have access to 35mm camera. (Offered spring semester.) 3 credits
ENG 456 - Topics in Literary Theory and Criticism	Prerequisite, ENG 256 This course allows for the intensive study of significant movements in or theoretical approaches to literary and cultural studies. Possible topics include literary criticism to 1900, feminist theory, and poststructuralism. Dependent upon its focus, this course might be used to satisfy one of the distribution requirements for English majors. May be repeated for credit with a different focus. (Offered as needed.) 3 credits
ENG 460 - Advanced Topics in Literary and Cultural Studies	Prerequisite, ENG 256 In this course, students investigate significant themes or movements in literature and culture. This advanced course culminates in a final research paper or project. Topics vary: may be repeated for credit with a different focus. (Offered as needed.) 3 credits
ENG 471 - The Rhetoric of Fiction	Prerequisite, written inquiry. Although focused on literary production, this course will confine that focus to rhetorical effects of authorial decisions about form, genre and style. The course will engage students in a brief overview of the historical relationships between literary and rhetorical theory (including major critical frames) in order to see where and how rhetorical analyses can provide competing or "completing" interpretations. Subject matter will range from ancient epic to graphic novel. (Offered as needed.) 3 credits
ENG 472 - Film, Gender, Sexuality	Prerequisite, written inquiry. This course examines the relationship between film, gender, and sexuality. Topics covered may include: cinematic representations of gender and sexuality; GLBT issues in film; feminist film theory; censorship; transgression; screening the body; psychoanalysis and cinema. May be repeated for credit. (Offered as needed.) 3 credits
ENG 481 - Theory and Practice of Writing, Tutoring, and Conferencing	Prerequisite, written inquiry. Designed for students interested in working at the Writing Center or in teaching writing, English 481 focuses on responding to writing and on tutoring writers. Topics include tutoring strategies, the writing process, writing across the curriculum, and grammar as a rhetorical issue. (Offered fall semester.) 3 credits
ENG 484 - Introduction to Digital Humanities	This upper-division course will familiarize students with emerging technologies for text-based inquiry, research and expression. In addition to gaining an overview of the digital humanities, students will apply what they learn to the design of their own digital project. (Offered fall semester.) 3 credits
ENG 490 - Independent Internship	Prerequisites, written inquiry, consent of instructor. Students gain experience in the fields of business, industry, or academe. Work assignments relate to the major and may take place in law, editing, and business offices, print production and retail firms, newspapers, libraries, schools, or brokerage companies. P/NP. May be repeated for credit. (Offered every semester.) 1/2-3 credits
ENG 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
ENG 496 - Research Methodologies for Senior Seminar in Journalism	Prerequisite, ENG 308 , for students in the English BA with journalism area of study or journalism minor. Prerequisite, ENG 215 , for students in the visual journalism minor. Students will learn methods for undertaking original research to develop a thesis topic and launch a senior project suitable for publication. Topics may include statistical analysis, public records searches, database searches, geographic information system mapping, hypothesis-and story-based inquiry and advanced news-gathering and digital reporting techniques. Pass/No Pass. (Offered fall semester.) 3 credits
ENG 497 - Capstone Course in Creative Writing	Prerequisites, ENG 403 , or ENG 404 , and senior standing. This course is a capstone course for creative writing majors. The course will be devoted to reading, discussing, and writing about literature as well as writing and revising fiction, poetry, and/or nonfiction. Class discussions will deal with theoretical aspects of writing and literature. Individual tutorials will answer questions, problems, and issues regarding the students' own writing. The course will include a discussion publishing. The culmination of the course is a portfolio of creative work. (Offered every semester.) 3 credits
ENG 498A - Senior Seminar in Literature and Rhetoric	Prerequisites, senior standing, English major with literature, rhetoric and cultural studies area of study. This seminar-style course will focus on a significant topic, historical period, interpretive problem, or theoretical issue in literature, rhetoric or cultural studies. Students will complete a substantial project relating to their major field of study. Letter grade. (Offered every semester.) 3 credits
ENG 498B - Senior Seminar Journalism	Prerequisites, ENG 308 , ENG 496 and English major with journalism area of study or journalism minor or visual journalism minor. This seminar-style course will focus on a significant topic, historical period, interpretive problem, or theoretical issue in journalism. Students will complete a semester-long research project related to their field of study. Letter grade. (Offered spring semester.) 3 credits
ENG 498L - Journalism Senior Seminar Thesis Research Lab	Prerequisite, ENG 308 Corequisite, ENG 498B Students will develop advanced interviewing, researching, reporting, critical thinking and precision writing skills for news and digital publications. Students will research an in-depth reporting and writing project that will demonstrate mastery of the department's student learning objectives for all journalism majors. P/NP. (Offered spring semester.) 1 credit
ENG 499 - Individual Study	Prerequisites, ENG 256 , senior standing, consent of instructor. Directed reading and/or research designed to meet specific needs of superior upper-division students. May be repeated for credit. (Offered every semester.) 1/2-6 credits
ENTR 300 - Entrepreneurial Finance	Prerequisites, entrepreneurship minor; BUS 110 , MKTG 305 both with a grade point average of 2.5 or above. Argyros Business School majors may not take this course. Effective new venture management relies on clearly defined financial models and analysis. This course will explore the tools of financial valuation and their role in investment decisions faced by managers, entrepreneurs, and investors. Students will learn the difference between earnings and cash flow, the importance of net working capital, and the determinants of a firm's cost of capital. Students will explore the sources and drivers of value and how to optimize these forces. The class will build upon the student's previous financial analysis skills and examine various financial models to better understand investment opportunities as well as timing or staging those investments. Furthermore, financial models will be used to assess the value proposition for an in-house product launch/project. Letter grade. (Offered every year.) 3 credits
ENTR 310 - How to Successfully Start a New Business	Prerequisites, entrepreneurship minor, ENTR 300 , MKTG 305 , entrepreneurship minor. Prerequisites for entrepreneurship emphasis in business administration, FIN 317 , MKTG 304 , entrepreneurship emphasis. The purpose of this course is to explore the many dimensions of new venture creation and growth and to foster innovation and new business formations in independent and corporate settings. The course addresses both a theoretical perspective on venture initiation and the application of writing a comprehensive business plan. Students will be expected to generate ideas, identify problems, analyze and evaluate alternatives, and formulate workable action plans. Student teams will use the tools and analytical approaches discussed in class to their venture, through simulations, labs, lectures and class discussions that are designed to familiarize students with the many dimensions of entrepreneurship and new venture initiation. Letter grade. (Offered every year.) 3 credits



ENTR 315 - Protecting Ideas and Innovation	Prerequisite, ENTR 310 How, and to what extent, do patents and other intellectual property (trademarks, copyrights and trade secrets) really provide a competitive advantage for new product and service companies, and how does IP drive shareholder value? What makes IP assets strategically powerful tools? How does IP impact, and even drive, major corporate decisions including M&A, venture funding and exits, and entry into new markets? In this course, students will learn to critically analyze and answer these questions, gaining insights they can leverage in their future roles as innovation industry executives, entrepreneurs, strategists, and investors. The course includes topics on: Patents and Innovation Value; Trademarks, Copyrights and Trade Secrets; Students will examine closely the relationship between competitive advantage, value proposition, and intellectual property (particularly patents), Limits and Alternatives to Patents; Students will confront the recent legal trend toward reigning in the power and scope of patents. The course will also examine other legal aspects of entrepreneurship that every entrepreneur should understand, from start-up to IPO, to make good business decisions and drive shareholder value. These issues include (1) restrictive employment agreements and the art of leaving your current employer to start a new business, (2) the different forms of business organizations and ownership structures, (3) securities and funding a venture, (4) entering contracts, (5) product liability, (6) advertising, consumer privacy and data breaches, and (7) human resources issues including hiring and retaining the best staff. Letter grade. (Offered every year.) 3 credits
ENTR 335 - Customer Acquisition and Insights	Prerequisite, ENTR 310 Entrepreneurs and operators must understand the correct strategies and methods used to acquire customers, particularly in the early stages of a company. Whether it is through outbound or inbound marketing to acquire customers, upselling products or services by introducing, or retaining customers by providing consistent services, it is crucial for a company to understand consumer behavior. Students will cultivate a way of thinking that will help them navigate the ever-shifting digital landscape. They will learn how to use various traditional and digital marketing techniques, including: content marketing, search, digital and social media advertising, social advocacy and influencer marketing, mobile apps, personalization and digital loyalty programs, conversational marketing, location-based, omni-channel marketing, freemium strategies, and the use of web analytics for tracking customer acquisitions and conversion. The class will also cover metrics such as CAC (Customer Acquisitions) LTV (Long-Term Value), Win/Loss Ratios, cohort analysis, and churn to gain a deeper understanding of their customer acquisition funnel as well as a company's ability to retain customers. Letter grade. (Offered every year.) 3 credits
ENTR 400 - Managing and Scaling-Up Operations for Startups	Prerequisites, ENTR 310 , MGSC 346 Once product-market is confirmed, operations management must be effective and efficient for ventures to scale. The aim of operations management is to create the highest level of efficiency possible, considering the many assets available, and limitations inherent to a new operation. The course will examine new ventures that have achieved at least one round of institutional financing or product-market fit, through a variety of functional lenses, including product management, sales and marketing, business development, and engineering and technology. This course is foundational for students pursuing careers in entrepreneurship, consulting, and management. The course will approach the challenge of scaling operations and operations strategy by taking a holistic view of all aspects of a business and will focus on decisions and challenges that many firms face as they try to scale their operations. Letter grade. (Offered every year.) 3 credits
ENTR 410 - Entrepreneurship and Venture Capital	Prerequisite, ENTR 310 The goal of the course is to understand how entrepreneurs can raise funds and how venture capital partnerships choose, value, structure, fund, and manage their investments. The course will challenge the student to think about the entrepreneur's journey from the perspective of an investor while educating the student on how the venture capital world operates. A combination of lectures, case studies, and guest speakers with real world experience will be used to maximize the students' learnings. A solid understanding of accounting and finance is needed for this course as there will be a focus on basic valuation skills and concepts covering the analysis of businesses. The course will require modeling of businesses and investments using excel. Letter grade. (Offered every year.) 3 credits
ENTR 415 - Entrepreneurial Failure	Prerequisites for entrepreneurship minor, ENTR 310 , ENTR 315 , entrepreneurship minor. Prerequisites for entrepreneurship emphasis in business administration, ENTR 310 , ENTR 335 , ENTR 400 , entrepreneurship emphasis. Most courses do not teach the process of failing forward. This is an important issue since most entrepreneurial startups fail. Whether it is team sports, martial arts, or trading in the stock market, most approaches begin with one's ability to defend oneself before going on the offensive. This course will allow students to have a greater understanding on why and how startups fail; what entrepreneurs can do to avoid failure; and if they do fail, how founders can exit companies amicably with various stakeholders and leverage previous relationships to relaunch and reinvent their careers. The end goal of the course is to help students attain a full perspective on entrepreneurship and help overcome the fear of starting a new business on their own. Letter grade. (Offered every year.) 3 credits
ENTR 420 - New Technology Ventures	Prerequisites for entrepreneurship minor, ENTR 310 , ENTR 315 Prerequisites for entrepreneurship emphasis in business administration, BUS 215 , ENTR 310 Creating a new venture that has technology as a basis for its products or services presents special challenges. On one hand is the "push" of new technology, as evidenced by the plethora of scientific invention and technological innovation. On the other hand is the "pull" of the market as it presents new entrepreneurial opportunities. This course will explore entrepreneurship in technology industries in depth with the hope of penetrating the popular headlines and uncovering the complexities of starting a growing new technology venture. Of course, there is a lot about new technology venturing that is common to all new venture creation, and also the qualities entrepreneurs demonstrate are valuable in a wide spectrum of life's activities. Letter grade. (Offered every year.) 3 credits
ENTR 495 - Special Topics in Entrepreneurship	Prerequisites, business administration major or entrepreneurship minor and ENTR 310 and some sections of this course may require additional prerequisites or corequisites. In-depth study of an entrepreneurship topic; content of course changes every semester. Letter grade. Repeatable for credit once if the topic is different. (Offered as needed.) 3 credits
ENV 101 - Introduction to Environmental Science	Prerequisite, environmental science and policy major or environmental science or environmental studies minor. Environmental science is an applied, interdisciplinary field focused on understanding environmental problems and proposing viable solutions. Course is designed to develop skills to analyze causes of environmental problems and their potential solutions from a primarily natural science perspective. Intended for environmental science and policy majors and minors. Lecture. (Offered fall semester.) 3 credits
ENV 102 - Introduction to Environmental Policy	The historical, theoretical and philosophical foundations of environmentalism in the United States. Course provides an overview of environmental thought, the conservation and environmental movements, and introduces the student to different policy responses to historical and contemporary environmental challenges. Intended for environmental science and policy majors and minors. (Offered spring semester.) 3 credits
ENV 103 - Introduction to Earth Systems	Introduction to fundamental physical and scientific principles that govern the four subsystems (lithosphere, hydrosphere, biosphere, and atmosphere) of the larger Earth System. Course emphasizes how these systems and their interactions are important for understanding the Earth processes, environmental change, and impacts on the Earth's resources. (Offered fall semester.) 3 credits
ENV 111 - Physical Geology	Corequisite, ENV 111L Introduction to the primary geologic principles and processes of our planet. Topics include the structure and history of the earth, the unifying theory of plate tectonics, earth materials, the rock cycle, volcanoes, earthquakes, and the hydrologic cycle. The laboratory emphasizes hands on experiments involving scientific problems-solving and an introduction to some of the tools and techniques used by geologists today. Lecture, laboratory. (Offered fall semester.) 3 credits
ENV 111L - Physical Geology Laboratory	Corequisite, ENV 111 Lab component to ENV 111 (Offered fall semester.) 1 credit
ENV 112 - Introduction to Hazards and Global and Environmental Change	Students are introduced to global climate change and hazards. Different types of natural hazards such as Earthquakes, Hurricanes and Dust Storms and resultant impacts worldwide are discussed. Rock, Hydrological, Tectonic and Bio-geochemical cycles are discussed along with the plate tectonics and continental drift theories and the fundamentals of understanding natural hazards. Connection of global climate change to hazards and conclusions of how societies may face them will be drawn. Remote Sensing, Satellite technology and modeling will also be introduced as important tools in studying global climate change and related hazards. (Offered spring semester.) 3 credits
ENV 199 - Individual Study	Faculty consent required. May be repeated for credit. (Offered as needed.) 1-3 credits
ENV 205 - Seminar Series	Students will focus on an integrated understanding of environmental science and policy issues through attendance at weekly seminars where faculty, students and outside speakers present their work on environmental issues and through critical discussions and evaluation of assigned readings in the primary literature. P/NP. (Offered spring semester.) 1 credit
ENV 224 - Introduction to Restoration Ecology	Restoration ecology is the scientific research that supports the practical application of ecological restoration. The aim of both research and application is the management and restoration of disturbed landscapes. Restoration ecology is enormously broad and few other disciplines seek to explain such a variety of phenomena at so many different levels. Students will learn concepts in natural history, ecology, environmental science, and restoration ecology within the context of the coastal ecosystems of Orange County. To facilitate this learning, the course will meet each class day at an active restoration site. Students are responsible for providing their own transportation. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
ENV 226 - Environmental Health and Pollution: From Toxic Chemicals to Climate Change	This course will cover topics in environmental health on a local and global scale. Key sources of air pollution, water pollution, food contamination, and waste management and their related health impacts will be examined. Students will gain a basic understanding of the toxicity of different chemicals and how scientists are able to determine toxicity. Aspects of energy production, transportation, manufacturing and food production in the context of natural resources, human health, and sustainable practices will be explored. Facts and misconceptions surrounding climate change, and how climate change will impact health and the environment will be discussed. Additionally, this course will introduce domestic environmental policy and related successes and failures, as well as issues of environmental justice. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
ENV 227 - Darwin and the Galapagos	Prerequisite, consent of instructor. Students learn about the environmental uniqueness of the Galapagos Islands and how Charles Darwin's observations in this "living laboratory" led to a theory of evolution by natural selection, considered one of the major breakthroughs in scientific thought. Students participate in a required field trip to the Galapagos Islands (Ecuador) to observe first-hand the biodiversity that Darwin saw. Fee: TBD. (Offered interterm and summer as needed.) 4 credits
ENV 229 - Experimental Course	Environmental Science and Policy experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. As a lower-division course, this course is not intended to count as an elective towards the different Areas of Study (Ecology, Earth Systems or Policy) within the Environmental Science and Policy degree. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) 0-4 credits
ENV 234 - The Energy Problem	This course will first look at the fundamentals of energy, its forms, production, and how one can quantitatively examine different methods of energy production. Traditional sources and methods of energy production will first be discussed from pre-industrial revolution to current times. The course will then examine more recent developments in these traditional energy sources and finally turn attention to modern developed and underdeveloped energy sources and methods of energy production. In all cases, the scientific concept, economic impact, environmental impact, infrastructure feasibility, human safety concerns, historical timeline and significance will be covered. Public view and perceptions of different energy sources and the overall global energy problem will also be discussed. Letter grade with Pass/No Pass option. (Offered interterm.) 3 credits
ENV 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP. May be repeated for credit. (Offered every semester.) 1-3 credits
ENV 299 - Individual Study	Prerequisites, freshman, or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-4 credits
ENV 301 - Environmental Geology	Prerequisites, ENV 111 , or ENV 112 A study of the environmental implications of geological processes as they relate to human interactions. Topics include natural disasters, water issues, mineral and energy resources, and metal contamination. Lecture and optional weekend field trips. (Offered spring semester, alternate years.) 3 credits
ENV 310 - Geographic Information Systems, Lecture and Laboratory	Structure, concepts, and application of geographic information systems (GIS): computer-based systems designed to process large spatial databases. Productive use of GIS in physical and social sciences, environmental management, and regional planning is investigated through applied exercises and problems. This course includes a lecture and required laboratory component held at different times. (Offered spring semester.) 4 credits
ENV 320 - The Science of Climate Change	Prerequisites, ENV 111 , ENV 111L , or ENV 112 This course explores connections between the land, ocean, snow/glaciers, and atmosphere in the context of a changing environment. This course will focus on observation systems deployed on the ground, in the ocean and atmosphere to analyze short- and long-term changes in earth systems. A quantitative and qualitative analysis of past changes in earth systems will be used to evaluate future scenarios. Lecture. Letter grade with Pass/No Pass option. (Offered fall semester, alternate years.) 3 credits
ENV 329 - Experimental Course	Environmental Science and Policy experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Depending on topic, course will count towards different Areas of Study (Ecology, Earth Systems or Policy) within the Environmental Science and Policy degree. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
ENV 330 - Environmental Problem Solving: Energy and Matter Flow	Prerequisites, ENV 101 , PHYS 107 , CHEM 150 , BIOL 205 An exploration of how simple mathematical methods can be used to understand the influence of human and environmental factors on the flux of energy and matter. The course covers box models, thermodynamics and energy transfer, chemical equilibrium theory, biogeochemistry, and climatology in the context of global change. (Offered fall semester.) 3 credits
ENV 350 - Corporate Sustainability Management	Prerequisites, ENV 102 , ECON 200 Managers, now more than ever, play a key role in advancing corporate sustainability by integrating resource conservation, increasing efficiency and championing strategic operational changes in their organizations in order to manage risk and drive profitability. Traditional business functions - strategic integration, risk management, change management, supply chains, communication, reporting and profitability - raise familiar management concerns and questions that will be covered in this course via the lens of sustainability. (Offered as needed.) 3 credits
ENV 360 - Environmental Advocacy Through Story	Prerequisite, ENV 102 Connecting with diverse audiences about evidence-based topics is difficult in today's highly charged socio-political atmosphere. Intentional communication that appeals to societal values and structures interactions around positive, civic change is necessary for individuals across environmental professions. This course will focus on strategic message framing and how to convey scientific research to specific audiences, from marginalized communities to government-adjacent stakeholders. This course will use climate change conversations as a case study in strategic message framing, however, this course aims to address a wide range of intersectional environmental issues. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
ENV 374 - Environmental Politics and Policy (Same as POSC 374)	3 credits
ENV 375 - Public Policy Process (Same as POSC 375)	3 credits
ENV 392 - Law and Policy of Water Resources Management (Same as POSC 392) Prerequisite, ENV 102, or POSC 110	This course investigates water policy in the United States, with a particular focus on California and the American Southwest. Through a variety of policy case studies and interactive inquiries, students will explore water resources management policies related to water supply, conveyance, distribution, use, wastewater treatment, water recycling, and environmental uses of water. This topical overview will include both domestic and commercial/industrial uses of water, and will provide an introduction to water law and water rights allocations for both surface and ground water. (Offered fall semester, alternate years.) 3 credits
ENV 420 - Environmental Hydrology	Prerequisites, ENV 101 , and ENV 111 /ENV 111L , or ENV 112 A qualitative overview of the occurrence, distribution, quality and movement of water in the environment; introduction to quantitative methods for analyzing hydrologic processes. Weekend field trip required. Lecture. (Offered as needed.) 3 credits
ENV 440 - Remote Sensing of the Environment	Prerequisites, ENV 111 , ENV 111L , or ENV 112 Students are introduced how to utilize remotely sensed data to its full potential and how to extract useful information from satellite data. The main emphasis of this course is to shed the light on the physical principals of remote sensing and how to apply to different application topics like remote sensing of vegetation, water, soils, minerals, geomorphology and urban landscaping. Image processing techniques and data manipulation will be also introduced to this class. (Offered fall semester, alternate years.) 3 credits
ENV 490 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) 1-3 credits
ENV 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP. May be repeated for credit. (Offered every semester.) 1-3 credits
ENV 498 - Environmental Problem Solving: Senior Capstone and Seminar	Prerequisites, ENV 310 , ENV 330 , ENV 374 Interdisciplinary exploration of the scientific, social and economic issues associated with a specific local environmental problem. Students from the three areas of study (Ecology, Earth Systems and Policy) will identify a local environmental issue and work together to produce a proposed solution by the end of the semester. (Offered spring semester.) 3 credits
ENV 499 - Individual Study	Prerequisites, junior or senior standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered as needed.) 1-4 credits
FTV 130 - Introduction to Visual Storytelling	Prerequisite, DCFMA major, or advertising, or documentary film, or production design for film minor, or television minor. An introduction to moving image production for the purposes of dramatic, documentary or advertising/publicity applications. Students will write, shoot and edit a series of exploratory exercises with the goal of crafting engaging stories or marketing messages through basic cinematography, lighting, editing, and sound. All sections of this course are restricted to specific DCFMA disciplines. Fee: \$300. (Offered every semester.) 3 credits
FTV 130A - Introduction to Visual Storytelling for Film Production, Creative Producing and Film Studies	Prerequisite, film production, or creative producing, or film studies major, or production design for film minor. Film production majors must pass FTV 130A with a grade of B- or better, or must repeat the course before continuing on with the coursework in the major. An introduction to moving image production for the purposes of dramatic applications. Students will write, shoot and edit a series of exploratory exercises with the goal of crafting engaging stories through basic cinematography, lighting, editing, and sound. Students may be required to enroll in a laboratory component held at a different time. Fee: \$300. (Offered fall semester.) 3 credits
FTV 130B - Introduction to Visual Storytelling for Television Writing and Production	Prerequisite, television writing and production major, or television minor. An introduction to moving image production for the purposes of dramatic applications. Students will write, shoot and edit a series of exploratory exercises with the goal of crafting engaging stories through basic cinematography, lighting, editing, and sound. Fee: \$300. (Offered fall semester.) 3 credits
FTV 130C - Introduction to Visual Storytelling for Animation and Visual Effects	Prerequisite, animation and visual effects major. An introduction to moving image production for the purposes of dramatic or publicity applications. Students will write, shoot and edit a series of exploratory exercises with the goal of crafting engaging stories or marketing messages through basic cinematography, lighting, editing, and sound. Fee: \$300. (Offered spring semester.) 3 credits
FTV 130D - Introduction to Visual Storytelling for Broadcast Journalism and Documentary	Prerequisite, broadcast journalism and documentary major, or documentary film minor. An introduction to moving image production for the purposes of documentary or advertising/publicity applications. Students will write, shoot and edit a series of exploratory exercises with the goal of crafting marketing messages or journalistic reports through basic cinematography, lighting, editing, and sound. Fee: \$300. (Offered spring semester.) 3 credits
FTV 130E - Introduction to Visual Storytelling for Public Relations and Advertising	Prerequisite, public relations and advertising or public relations, advertising and entertainment marketing major or advertising minor. An introduction to moving image production for the purposes of advertising/publicity applications. Students will write, shoot and edit a series of exploratory exercises with the goal of crafting engaging marketing messages through basic cinematography, lighting, editing, and sound. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
FTV 130F - Introduction to Visual Storytelling for Screen Acting	Prerequisite, screen acting major. An introduction to moving image production for the purposes of dramatic applications. Students will write, shoot and edit a series of exploratory exercises with the goal of crafting engaging narrative stories through basic cinematography, lighting, editing, and sound. Some sections of this course may be taught with FTV 130G. Fee: \$300. (Offered spring semester.) 3 credits
FTV 130G - Introduction to Visual Storytelling for Screenwriting	Prerequisites, SW 127 , screenwriting major. Corequisite, SW 128 An introduction to moving image production for the purposes of dramatic and narrative applications. Students will write, shoot and edit a series of exploratory exercises with the goal of crafting engaging dramatic stories through basic cinematography, lighting, editing, and sound. Some sections of this course may be taught with FTV 130F. Fee: \$300. (Offered spring semester.) 3 credits
FTV 140 - Introduction to Film and Media Aesthetics, Lecture and Laboratory	An exploration of the essential elements of film through lecture, discussion, and viewing of a wide variety of films and film excerpts. Class discussions focus on analyzing the ways in which cinematography, mise en scene, editing, sound and other aspects of film combine to make it a unique and meaningful form of art, entertainment, and instruction. Open to non-majors. Some sections of this course may be restricted to majors/minors only in the class schedule. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered every semester.) 3 credits
FTV 229 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Some courses require student lab fees. (Offered as needed.) ½-3 credits
FTV 290 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
FTV 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of FTV 299, FTV 399 , or FTV 499 May be repeated for credit. (Offered as needed.) 1-3 credits
FTV 301 - Filmmaking Outside Hollywood	Prerequisite, consent of instructor. Travel course in which students first study then experience an American city or area in order to immerse themselves in the area's filmmaking business and history as well as the area's use as a setting and sometimes as a character in films. Class meetings before and after the trip will prepare students for and allow them to reflect on their experiences. Letter grade with Pass/No Pass option. May be repeated for credit if a different topic (destination). Fee: TBD. (Offered interterm.) 3 credits
FTV 306 - Narrative Strategies I	Prerequisite, film production, or screenwriting major. This course is a further exploration of the evolution of film language and theory. Students will examine the films of such filmmakers and Orson Wells, Jean Renoir, David Lynch, Peter Greenway, Chantal Ackerman, and other traditional and alternative filmmakers, to see how they translated their unique visions of the world to the screen. Students shall see how the visual forms of these filmmakers developed are a direct creative articulation of the ideas they wish to express through the medium of film. (Offered spring semester.) 3 credits



FTV 310 - Industry Insiders	Through screenings, interviews with experienced filmmakers/industry executives, and in-depth discussions, this course will provide a broad overview of the current and fast-changing landscape of the Entertainment Industry, focusing on Film, Television and Streaming. The objective is to provide students with thorough exposure to how the “Business” really works, and with tools to start formulating a path to employment in the screen industries. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered as needed.) 3 credits
FTV 311 - Cinema Francais/French Cinema (Cannes)	Prerequisite, must place into lower intermediate French and above. This course is taught in French. The course introduces cinematographic language with an overview of the evolution of French cinema through in-depth analysis of major themes and movements in key works of three important modern periods - French Poetic Realism, the New Wave, and cinema from the 1980s to the presents. 3 credits
FTV 317 - Unsung Stories and New Expressions (Same as HUM 317)	3 credits
FTV 320 - Modern Horror Workshop	A hands-on workshop that consists of production exercises, lectures and analysis of contemporary films that use elements of horror. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered as needed.) 3 credits
FTV 329 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. May be repeated for credit if course content is different. Course titles, Prerequisites, restrictions, and credits may vary. Some courses require student lab fees. Some sections of this course may be restricted to specific majors only. Specific course details will be listed in the course schedule. Fee: TBD. (Offered as needed.) 1-3 credits
FTV 353 - Film Capitals of the World	Prerequisite, consent of instructor. Travel course in which students first study then experience an international city or cities in order to immerse themselves in the destinations’ filmmaking business and history as well as the area’s use as a setting and sometimes as a character in films. Class meetings before and after the trip will prepare students for and then allow them to reflect on their experiences in the two cities. Letter grade with Pass/No Pass option. May be repeated for credit if a different topic (destination). Fee: TBD. (Offered interterm.) 3 credits
FTV 361 - Structure and Function of a Film Festival	Prerequisite, consent of instructor. This course examines the way film festivals operate in conjunction with the global film industry including the historical development of international film festivals and their programming, marketing, and exhibition practices. This is a travel class: students participate in festival events including jury procedures, screenings, workshops, and seminars with filmmakers. Fee: TBD. (Offered as needed.) 3 credits
FTV 361I - Structure of an International Film Festival	Prerequisite, consent of instructor. A three-week intensive travel course to study international film preservation at Il Cinema Ritrovato film festival in Bologna, Italy. Students will experience important rediscovered and restored international films that paint a more nuanced understanding of film history from a global perspective. They will also consider the films’ restoration principles and theories/practices employed by the archivists, as well as the role of film festivals in regard to film restoration, important auteurs in international cinema, and the practice of writing global film history. Film screenings will be supplemented by daily lectures and discussions, readings, and attendance of panel discussions/symposiums. Fee: TBD. (Offered as needed.) 3 credits
FTV 366 - First Shorts/First Features	This class will examine the early work of directors and explore the transition to their first feature film by analyzing the level of each director’s craft in their early work to determine what they did right creatively, why they were noticed, and how their first feature was made. Fee: \$300. (Offered as needed.) 3 credits
FTV 367 - Experimental Cinema	Prerequisite, Dodge College major or documentary or visual effects minor. This course will introduce students to the production and aesthetics of experimental techniques in film, video, and digital production, demonstrating how non-narrative elements can be used as personal and poetic expression. Students will study the important experimental and avant-garde cinema classics, from the Surrealists to the great “underground” filmmakers of the Sixties and Seventies to the present. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
FTV 377 - Agents and Managers	This class will provide an in-depth look at agenting and managing. Throughout the semester, students will learn about the similarities and differences between agents and managers today in the industry, as well as learn about their roles of the past and how those roles have changed throughout the years. Students will also learn about how agents and managers select their clients and how clients select their representation. Letter grade. Fee: \$75. (Offered as needed.) 3 credits
FTV 381 - Higher Ground	A workshop in which students work with a local organization, Higher Ground Youth and Family Services, to mentor public school students in the process of creating narrative and non-narrative films. May be repeated for credit. (Offered as needed.) 3 credits
FTV 393 - Cross-Cultural Filmmaking	Prerequisite, FTV 130 , or FTV 130A , or FTV 130B , or FTV 130C , or FTV 130D , or FTV 130E , or FTV 130F or FTV 130G This travel exchange course is designed to give Chapman students the opportunity to work collaboratively with a group of students from a foreign film school on two school-sponsored short narrative film projects. One of the films will be produced at Chapman while the other will be produced in the foreign host country. The students will use this collaborative cross-cultural filmmaking experience as a means to explore and gain an understanding of the people, culture, and society of a foreign country. May be repeated for credit. Fee: Varies. (Offered as needed.) 3 credits
FTV 397 - Music Video Production Workshop	Prerequisite, consent of instructor. A workshop in the development and creation of professional-level music videos. Students will be teamed for each project, serving in key creative and/or production roles. May be repeated for credit. Fee: \$300. (Offered as needed.) 3 credits
FTV 399 - Individual Study	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of FTV 299 , FTV 399, or FTV 499 May be repeated for credit. (Offered every semester) 1-3 credits
FTV 429 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Some courses require student lab fees. (Offered as needed.) ½-3 credits
FTV 490 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills “on the job” by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP (Offered every semester.) ½-6 credits
FTV 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. Students must have an overall grade point average of at least 3.0 to enroll. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered every semester.) ½-3 credits
FP 115 - Editing I	Prerequisites, FTV 130 or FTV 130A or FTV 130B or FTV 130C or FTV 130D or FTV 130E or FTV 130F or FTV 130G and broadcast journalism and documentary or film and television production or film production or screen acting or television and writing production major. Students study the basic principles and aesthetics of editing film and digital media, with practical experience through the completion of short editing projects. Some sections may be restricted to film production majors only. Letter grade. Fee: \$300. (Offered every semester) 3 credits
FP 133 - Audio Techniques	Prerequisites, FTV 130 , or FTV 130A , or FTV 130B , or FTV 130C , or FTV 130D , or FTV 130E , or FTV 130F or FTV 130G and DCFMA major. An introductory course on the art and science of audio recording, including studio and field recording, digital editing, equipment operation, mixing, and the theories and techniques that support quality sound production. Fee: \$300. (Offered every semester) 3 credits
FP 201 - Actor-Director Workshop	Prerequisites, FTV 130 or FTV 130A or FTV 130B or FTV 130C or FTV 130D or FTV 130E or FTV 130F or FTV 130G and animation and visual effects or film production major. A comprehensive course in understanding the acting process through script analysis, scene study, and acting exercises. Some sections may be restricted to film production majors only. Letter grade. (Offered as needed.) 3 credits
FP 237 - Cinematography I	Prerequisites, FTV 130 or FTV 130A or FTV 130B or FTV 130C or FTV 130D or FTV 130E or FTV 130F or FTV 130G and animation and visual effects or film and television production or film production or television writing and production major or production design for film minor. A study of motion picture photography as a means of communication. Includes lecture and practical application on camera operation, lenses, filters, film, digital media, exposure, composition, formats, location and studio techniques, and laboratory procedures. Some section may be restricted to film and television production and/or film production majors only. Letter grade. Fee: \$300. (Offered every semester.) 3 credits
FP 239 - Directing I	Prerequisites, FTV 130 or FTV 130A or FTV 130B or FTV 130C or FTV 130D or FTV 130E or FTV 130F or FTV 130G and film and television production or film production or screen acting or television writing and production major. The class provides an overview of the director’s craft and teaches the basic tools for the interaction of directors with all their collaborators including actors. Letter grade. Fee: \$300. (Offered every semester) 3 credits
FP 280 - Intermediate Production Workshop	Prerequisites for film and television production major, FTV 130 , FP 133 Prerequisites for film production major, FTV 130A , FP 133 Prerequisite for screen acting major, FTV 130F An exploration of dramatic narrative production focusing on story, performance, and subtext through the development, preparation, production, and post-production of an emotionally-engaging short film of limited scope. Students serve as writers, directors, editors and sound designers on their productions and crew on their classmates’ productions. Letter grade. Fee: \$300. (Offered every semester.) 3 credits
FP 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
FP 293 - Production Design I	Prerequisites, FTV 130 or FTV 130A or FTV 130B or FTV 130C or FTV 130D or FTV 130E or FTV 130F or FTV 130G This course examines the general principles of art direction and the creation of the visual look of a production. Students design the set, costumes, make-up, the cinematographic look, and other visual elements for a specific film. Letter grade. Fee: \$75. (Offered every semester.) 3 credits
FP 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of FP 299, FP 399 , or FP 499 Letter grade. May be repeated for credit. Fee: TBD. (Offered as needed.) 1-3 credits
FP 314 - Audio Drama Production	Prerequisite, DCFMA major or minor. Students will learn to create an audio drama from concept to execution. Some sections of FP 314 and FP 514 may be held together. Letter grade. With consent, this course may be repeated for credit. (Offered as needed.) 3 credits
FP 315 - Editing II	Prerequisites, FP 115 , FP 133 A study of advanced storytelling principles as they are expressed through editing. The course analyzes examples from important films that demonstrate how timing, pacing, sound, and other dramatic aesthetics affect the viewer’s perceptions and the success of the sequence. Each student will further develop technical skills through the completion of a complex editing project. Fee: \$300. (Offered as needed.) 3 credits
FP 318 - Performance for Directors	Prerequisites, FP 239 and film and television production or film production major. Students will explore the traditions, art and practice of acting to improve their skills in directing performance for films and television. Letter grade. (Offered every year) 3 credits
FP 325 - Art and Craft of Foley and ADR	Prerequisite, FP 133 This course is designed to introduce students to the necessity of foley and Automated Dialogue Replacement (ADR) for a completed motion picture sound track. Methods for producing and recording real-time sound effects and post-production dialogue will be taught using a fully-equipped foley stage as a classroom and work from fellow students and professional filmmakers as raw material. Fee: \$300. (Offered every semester) 3 credits
FP 331 - Advanced Production Workshop	Prerequisites, SW 227 , CRPR 234 , FP 280 , junior standing, consent of chair and film and television production with directing area of study or film production major with directing area of study. An advanced course in which each student will be responsible for producing and directing a complex narrative film. Enrollment contingent upon approval of a project proposal. Letter grade. Fee: \$300. (Offered every semester) 3 credits
FP 333 - Audio Design	Prerequisite, FP 133 An advanced course in the art and science of post-production. Students will provide post-production audio design and support for advanced film and video. Proper methods of studio recording, sound effects recording, SMPTE time code systems, signal processing, multiple soundtrack construction, and mixing using a digital workstation are emphasized. Fee: \$300. (Offered spring semester.) 3 credits
FP 337 - Cinematography II	Prerequisites, FP 237 and film and television production or film production or television writing and production major. A study of motion picture photography as a means of aesthetic expression and communication. Includes lecture and practical application on camera operation, lenses, filters, film, digital media, exposure, composition, formats, location and studio techniques, and laboratory procedures. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
FP 338 - Directing II	Prerequisites, FP 201 or FP 239 and film and television production or film production major and sophomore standing. An in-depth workshop in the implementation of techniques for directing actors and emphasizes turning analysis into performance. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
FP 340 - Production Audio	Prerequisite, FP 133 This course is designed to give students the fundamental knowledge of how to record production audio for motion pictures and television. Letter grade. (Offered spring semester.) 3 credits
FP 359 - Pro Tools Certification	Prerequisite, FP 133 or consent of instructor. This course is designed to give students immersive, hands-on training in Avid Pro Tools, the industry-standard software for recording, editing, and mixing professional sound. It will cover all basic features of the application as well as advanced functions such as Elastic Audio, MIDI and virtual instruments, and a full spectrum of editing tools and techniques. The course prepares students for the examinations required for “Pro Tools Certified User” status from Avid, which are administered within the course. Chapman does not award Pro Tools certification. Letter grade. Fee: \$300. (Offered interterm.) 3 credits
FP 370 - Visual Effects for Live-Action Production	Prerequisites, CRPR 234 and film and television production or film production major. The course will introduce students to the history, practices, roles, and tools for film and television visual effects including: previsualization, character animation, compositing, motion-capture, effects animation, and virtual production. A thorough understanding of the technologies and workflows will be emphasized to promote effective working relationships between the live-action and visual effects teams. Letter grade. (Offered every year) 3 credits
FP 376 - Cinematography for Commercials	Prerequisite, FP 237 This course will teach students the fundamental theories and aesthetic practices of shooting 30 second commercials. Students will learn the role of the creative concept in advertising with the goal of understanding what makes good advertising and how filmmaking compliments the advertising message. Fee: \$300. (Offered as needed.) 3 credits
FP 380 - Stage Craft Construction and Scenic Art for Film Production	Prerequisite, consent of instructor. A hands-on workshop in set construction for film and television. During the course students will apply carpentry and scenic painting techniques to create full-sized sets suitable for use in production. Letter grade. (Offered interterm.) 3 credits
FP 382 - Music Composition for Filmmakers	Prerequisite, DCFMA major. A course designed to give film majors a foundation in both the musical concepts and technology necessary to compose original music to accompany picture. Compositional activity is supplemented by discussion and analysis of film scoring trends and techniques, stressing the role that music plays in any filmmaker’s creative process. Prior musical training or the ability to play an instrument is not essential. Fee: \$300. (Offered as needed.) 3 credits
FP 386 - Pro Tools Certification II	Prerequisite, consent of instructor. This course is designed to give students a conceptual and practical understanding of the specific techniques for working with the Pro Tools audio software in a professional post audio for film environment. Areas covered in the course include: “Using Video in Pro Tools”, “Recording Dialog in Pro Tools”, “Dialog Editing Techniques”, “Organizing Sessions in Pro Tools”, “Synchronization Concepts”, and “Mixing to Picture”. At the end of the course, the students will have the option of taking the Pro Tools Post Operator Certification exam. Fee: \$300. (Offered as needed.) 3 credits
FP 387 - Color Grading	This course serves as an introduction to digital intermediate color grading, workflow, and the historical methods that have informed modern processes, with an emphasis on modern feature film and narrative television. Students will learn the fundamentals of color correction and color grading within a narrative context, examining various techniques and strategies employed by independent and studio-level colorists. Letter grade. Fee: \$75. (Offered as needed.) 3 credits
FP 388 - Digital Intermediate Workflow	Prerequisite, FP 115 An exploration of current technologies employed in film and television post-production as it applies to the Digital Intermediate process. This advanced course analyzes various workflows used in the creation of film and digital masters as well as file based systems. Students will gain practical experience in conforming and color grading. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
FP 399 - Individual Study	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of FP 299 , FP 399, or FP 499 May be repeated for credit. Fee: TBD. (Offered as needed.) 1-3 credits
FP 415 - Editing III	Prerequisite, FP 315 , or consent of instructor. Provides students with an intensive hands-on experience editing under the supervision of a visiting master of the craft. Fee: \$300. (Offered as needed.) 3 credits
FP 424 - Senior Thesis Development	Prerequisites, SW 128 or SW 227 and junior standing and creative producing or film and television production or film production or screenwriting major. The goal of this intensive workshop is to help students develop the best senior thesis screenings possible - screenings which will enable them to produce outstanding films, demonstrating their unique creative voices and their professional excellence. Letter grade. Fee: \$75. (Offered every semester) 3 credits
FP 436 - Production Design II	Prerequisites, FP 293 , FP 458 This course offers the opportunity for advanced work in art direction. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
FP 437 - Cinematography III	Prerequisite, FP 337 An advanced course in motion picture photography for students who wish to learn the duties of the director of photography, gaffer and set lighting technicians. Fee: \$300. (Offered as needed.) 3 credits
FP 438 - Directing III	Prerequisites, FP 338 or TWP 338 and film and television production or film production or television writing and production major. The class deepens the understanding of the director’s craft with an emphasis on how to move the camera, block actors in motion, and stage action safely. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
FP 446 - Storyboarding and Concept Art	Prerequisite, Dodge College major, or production design for film minor. The course focuses on traditional skills of drawing perspective sketches in the development of visual media. Topics include use of line, tone, and color in the development of 1 and 2 point perspectives. Storyboarding techniques are also presented along with related exercises. Students should leave this class with the ability to quickly sketch not only what they see but what they imagine. Fee: \$75. (Offered every semester) 3 credits
FP 457 - Concept Art and Illustration for Film	Prerequisite, DCFMA major, or production design for film minor. This class includes weekly exercises in using perspective drawings to communicate design ideas with the emphasis on freehand drawing techniques. Topics include perspective layout methods, line drawing overlays, adding light and shadow as well as producing color to the drawings. Students are required to complete and deliver a variety of in-class drawing exercises, a series of homework sketches as well as sketches of projects designed in class. Letter grade. Fee: \$75. (Offered as needed.) 3 credits
FP 458 - Digital Production Design Studio I	Prerequisite, FP 293 An introductory workshop covering computer system operations, digital design, digital graphics and illustration, computer assisted drafting, CAD modeling software, print, and presentation taught through design projects. Letter grade. Fee: \$75. (Offered fall semester.) 3 credits
FP 459 - Digital Production Design Studio II	Prerequisites, FP 458 , consent of instructor. An intermediate level workshop covering computer system operations, digital design, digital graphics and illustration, computer assisted drafting, CAD modeling software, print, and presentation taught through design projects. Fee: \$75. (Offered spring semester.) 3 credits
FP 468 - Avid Certification Prep	Prerequisites, FP 315 , consent of instructor. This course has been created to teach the core skills for editing using Avid Media Composer 5.5 and to introduce the fundamental concepts and workflow of editing. It is designed for novice and intermediate users using Avid official training curriculum. Class consists of both lecture and lab time and each student will be given the opportunity to take the Avid Media Composer Certified User exam. May be repeated for credit. Fee: \$300. (Offered as needed.) 3 credits
FP 481 - Set Decoration	This course is an introduction to Set Decoration. The decorating process will be studied in the course. Students will explore how the decorating process relates to the dramatic text and the film production as a whole. Fee: \$75. (Offered as needed.) 3 credits
FP 483 - Set Decoration II	Prerequisite, FP 481 This course is an advanced introduction to the Art of Set Decoration Design. It will look at the “design process” and explore how it relates to the dramatic text and to the film production as a whole. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
FP 486 - Costume Design	This course is an introduction to the art of costume design. Students will study the design process and how it relates to the dramatic text and the film production as a whole. Fee: \$75. (Offered as needed.) 3 credits
FP 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
FP 497A - Cinematography Senior Thesis Workshop I	Prerequisites, FP 237 , FP 337 , senior standing, consent of instructor and film and television production or film production major. The first semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered fall semester.) 3 credits
FP 497B - Directing Senior Thesis Workshop I	Prerequisites, film and television production or film production major and FP 331 with a B- or better, FP 338 , senior standing, consent of instructor. Additional prerequisite for film production majors, FP 424 The first semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered fall semester.) 3 credits



FP 497C - Editing Senior Thesis Workshop I	Prerequisites, FP 315 , senior standing, consent of instructor and film and television production or film production or major. The first semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered fall semester.) 3 credits
FP 497D - Production Design Senior Thesis Workshop I	Prerequisites, FP 293 , senior standing, consent of instructor and film and television production or film production major or production design for film minor. The first semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered fall semester.) 3 credits
FP 497E - Sound Design Senior Thesis Workshop I	Prerequisites, FP 333 , senior standing, consent of instructor and film and television production or film production major. The first semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered fall semester.) 3 credits
FP 498A - Cinematography Senior Thesis Workshop II	Prerequisites, FP 497A , senior standing, consent of instructor and film and television production or film production major. The second semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. The second semester includes completing a professional caliber motion picture project and premiering the completed work in a public screening. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered spring semester.) 3 credits
FP 498B - Directing Senior Thesis Workshop II	Prerequisites, FP 497B , with a B- or better, senior standing, consent of instructor and film and television production or film production major. The second semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. The second semester includes completing a professional caliber motion picture project and premiering the completed work in a public screening. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered spring semester.) 3 credits
FP 498C - Editing Senior Thesis Workshop II	Prerequisites, FP 497C , senior standing, consent of instructor and film and television production or film production major. The second semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. The second semester includes completing a professional caliber motion picture project and premiering the completed work in a public screening. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered spring semester.) 3 credits
FP 498D - Production Design Senior Thesis Workshop II	Prerequisites, FP 497D , senior standing, consent of instructor and film and television production or film production major. The second semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. The second semester includes completing a professional caliber motion picture project and premiering the completed work in a public screening. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered spring semester.) 3 credits
FP 498E - Sound Design Senior Thesis Workshop II	Prerequisites, FP 497E , senior standing, consent of instructor and film and television production or film production major. The second semester of an advanced two-semester course in which each student performs in a key creative crew position in the completion of a finished motion picture project. The second semester includes completing a professional caliber motion picture project and premiering the completed work in a public screening. This course includes a laboratory component held at a different time. Letter grade. Fee: \$1,000. (Offered spring semester.) 3 credits
FP 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. Students must have an overall grade point average of at least 3.0 to enroll. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered as needed.) 1/2-3 credits
FS 241 - Film Analysis, Lecture and Laboratory	Prerequisites, FTV 140 , sophomore standing, film studies or film and media studies major. This course introduces film studies and film and media studies majors to various theoretical and analytical approaches for the study of film and media. Specific attention is given to the critique of film and televisual form and content in its various social and cultural contexts, in order to develop critical thinking and writing skills. This course prepares students for their upper division film studies classes in their junior and senior year. This course has required lab and lecture components held at different times. Letter grade. (Offered fall semester.) 3 credits
FS 244 - History of Film to 1959, Lecture and Laboratory	The history of film as an art form, industry, and cultural phenomenon, from the postwar Neorealist movement to the state of contemporary art and practice. Open to non-majors. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered fall semester.) 3 credits
FS 245 - History of Film 1960 - Present, Lecture and Laboratory	Prerequisite, FS 244 The history of film as an art form, industry, and cultural phenomenon, from post war film movements to the present. Open to non-majors. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered spring semester.) 3 credits
FS 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
FS 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of FS 299 , FS 399 , or FS 499 May be repeated for credit. Fee: varies. (Offered as needed.) 1-3 credits
FS 339 - Hollywood's Greatest Year: 1939	This course examines the Hollywood high point in concrete cultural terms: what was the Hollywood system and what sorts of films did it produce and how and to what effect? Students explore topics such as studio style, structure, and operations, institutional regulation (censorship), film technology, genre and stardom, the role of critics, and audience taste. While this class will draw on important secondary studies, some readings will be drawn from primary sources of the time in order to establish the historical context of how the Hollywood system functioned during its presumed pinnacle of artistic achievement and when cinema was the mass medium in the U.S. Doing so will enable students to see the extent at which the media industry practices of studio era Hollywood continue to influence/inform those of present-day Hollywood. FS 339 and FS 339 will be held together. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
FS 342 - Film Genre and Auteur Studies	An intensive study of one film genre, with a different genre covered in each course offering. Open to non-majors. Letter grade. May be repeated in a different genre. (Offered every semester.) 3 credits
FS 342A - Film Noir	An exploration of the crime films of the 1940s and 1950s, called "black" by French critics because of their violent, nihilistic content, and distinctive style of extreme-angled, deep-focus cinematography and shadowy low-key lighting. (Offered as needed.) 3 credits
FS 342B - The Horror Film	Beginning with Thomas Edison's Frankenstein (1910), this course examines such influential movements as German Expressionism, the Val Lewton horror films of the 1940s, sci-fi hybrids of the 1950s, the 'slasher' horror of the 1970s, and the recent wave of Asian horror films and their Hollywood remakes. (Offered as needed.) 3 credits
FS 342C - The Musical	Intensive study of the history and aesthetics of the movie musical form its stage roots and cinematic birth coinciding with the coming of sound film through the waning of the genre's popularity during the decline of the Hollywood studio system and the many attempts since then to revive the form. (Offered as needed.) 3 credits
FS 342D - The Science Fiction Film	A study of cinematic science fiction from George Melies' A Trip to the Moon (1902) through contemporary films such as The Matrix. Emphasis is placed on certain developments, such as the alien invasion pictures of the 1950s and the dystopian cycle exemplified by Blade Runner. (Offered as needed.) 3 credits
FS 342E - Screwball Comedy	This classic film genre of the 1930s and '40s is examined in terms of its reflection of certain cultural changes such as the emergence of the independent 'New Woman,' the rising divorce rate, and the notion of equality of the sexes. Emphasis is placed on key directors within the form: Leo McCarey, Frank Capra, Preston Sturges. (Offered as needed.) 3 credits
FS 342F - The Animated Film	From Winsor McCay's Gertie the Dinosaur (1906) through Disney, Pixar, and the rise of anime, this course examines the history and development of one of the most popular and groundbreaking of contemporary genres. (Offered as needed.) 3 credits
FS 342G - The Western	Provides an overview of the oldest and most enduring of Hollywood genres exploring the mythology of the genre as well as its historical origins, with an emphasis on the impact of such classic film directors as John Ford, and Anthony Mann, and on the many waves of "revisionist" westerns in the past forty years. (Offered as needed.) 3 credits
FS 342H - The Melodrama	Prerequisites, FTV 140 , and FS 244 , or FS 245 Students examine the history, developments and transformation within melodrama across national and global cinemas to explore diverse stories that are told through various representations of emotion. Melodrama is a fluid and potent vehicle for genre and cultural expression that has used a wide range of formal aesthetics to create powerful expressive and affective visual experience. (Offered as needed.) 3 credits
FS 342J - The Gangster Film	A study of the history and impact of this most American of film genres, which was "ripped from the headlines" of newspaper accounts of the violent exploits of Al Capone, John Dillinger, and Bonnie and Clyde. (Offered as needed.) 3 credits
FS 342K - Latinx Films and Filmmakers	This course is an intensive study of the history and aesthetics of latino/a films and filmmakers, with specific filmmakers, regions or nations covered with each course offering. The course will examine representative films from any of the following major periods: silent cinema (1890s-1930s), studio/golden age cinema (1930s-1950s), Neorealism/Art Cinema (1950s), the New Latin American Waves Cinema (1960s-1980s), and contemporary global cinema (1990s through the twenty-first century). Some sections of FS 342K and 542K share the same lectures and meet together. May be repeated for credit. (Offered spring semester.) 3 credits
FS 342M - The Documentary Film	This course provides an introduction to the history and theory of documentary film by tracing the concepts of "reality" since the origin of the genre to the present. Students examine the nature and function of documentary film from the beginning of the movies in 1895 up to the present through an analysis of diverse films, filmmakers, and theoretical approaches. Doing so will enable students to problematize notions of objectivity, truth, and knowledge and to place the films within historical, cultural, and political contexts. While the focus will be primarily on American documentary films, students will also consider the global contexts of documentary by screening films from Europe, Canada, India, and/or additional countries. Finally, students will look at the digital era in terms of how documentary films respond to the current social, cultural and historical moments in which we live. Letter grade. (Offered as needed.) 3 credits
FS 353 - Korean Cinema Today	This course highlights the current trends in Korean cinema by exploring a variety of contemporary films. Through screenings, class discussion, Q&A with invited filmmakers as well as an optional trip to Busan International Film Festival, students will gain first-hand familiarity with Korean films, film industry and culture. May be repeated for credit when a different topic is studied. (Offered fall semester, alternate years.) 3 credits
FS 388 - Producing the Undergraduate Film Journal	Prerequisite, consent of instructor. Students experience the real world publication process of an undergraduate film journal, Film Matters. Students participate in the practice of editorship, involving (as needed) creation of journal policy and protocol, devise calls for issues and/or papers, solicit and review content from peers throughout the world. This class emphasizes diverse topics mindful of biases and neglected areas within the discipline. Letter grade. This course may be repeated for credit. (Offered as needed.) 3 credits
FS 399 - Individual Study	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of FS 299 , FS 399 , FS 499 May be repeated for credit. Fee: TBD. (Offered as needed.) 1-3 credits
FS 443 - Advanced Topics in World Cinema	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors have enrollment priority. A concentrated study of the cinema of one nation or region. Films are studied within their historical and cultural context. Open to non-majors. Letter grade. This course may be repeated for credit. (Offered every semester.) 3 credits
FS 443A - Asian Cinema	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors have enrollment priority. A survey of Asian film with emphasis on film as a reflection of culture. The cinema of India, China, and Japan, the countries with the largest film industries will be featured. Letter grade. (Offered as needed.) 3 credits
FS 443B - British Films	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors will have enrollment priority. This course will cover the major areas of British Film, including: 'British Heritage' films, British Cinema of the 1990s, plus influential directors. Letter grade. (Offered as needed.) 3 credits
FS 443C - French Cinema	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors will have enrollment priority. An examination of the French film industry and its most influential movements, from "poetic realism" to the "New Wave" and the "cinéma du look." Letter grade. (Offered as needed.) 3 credits
FS 443D - Mexican Film	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors will have enrollment priority. A historical survey of Mexican cinema with an emphasis on film as a reflection of culture. The course will examine films produced in Mexico and films made by Mexicans in the United States. Letter grade. (Offered as needed.) 3 credits
FS 443E - German Cinema	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors will have enrollment priority. An examination of the German film industry and its most influential movements, from "Weimar Cinema" to the "New German Cinema" and beyond. Letter grade. (Offered as needed.) 3 credits
FS 443F - Italian Cinema: Politics, Art, and Industry (Same as ITAL 341)	This course is a survey of the history of Italian cinema. We will study how cinema has embodied Italian collective consciousness and identity and how it has evolved artistically at different moments in the 20th century. Particular attention will be given to Italian cinema's relationship with other national cinemas and Hollywood. We will read about and screen some of the most representational and influential films by directors such as Rossellini, De Sica, Fellini, Antonioni, Pasolini, Leone, Bertolucci and others. Among the topics discussed are: the birth of Italian cinema, silent cinema, cinema during Fascism, the aesthetic and ethical heritage of Neorealism, auteur cinema, collaboration practices, existential and abstract cinema, comedy Italian style, the advent of TV and the new genres of the 60s and 70s, and recent trends. Taught in English. (Offered as needed.) 3 credits
FS 443G - Australian Cinema	Prerequisites, FTV 140 , and FS 244 , or FS 245 This course examines the way in which 'Australian identity' is cinematically represented as a fictional construct and an industrial product. It will consider issues such as cultural difference and the effects of globalization on the imagining and imaging of a 'national' community. Some sections may be taught with FS 543. (Offered as needed.) 3 credits
FS 443H - Survey of European Cinema	Prerequisites, FTV 140 , and FS 244 , or FS 245 Students will be introduced to the key films of European cinema and analyze them within historical, social and aesthetic contexts. Emphasis will be placed on transnational, global and multicultural perspectives. (Offered as needed.) 3 credits
FS 443I - East Asian Cinema	Prerequisites, FTV 140 , and FS 244 , or FS 245 This course examines cinematic traditions from the region of East Asia by analyzing films from Korea, China, Hong Kong, Taiwan, and Japan. The course focuses on a historical mode of textual analysis placing each film within larger historical, social, and cultural contexts of its production. Some sections may share course lectures with FS 543. (Offered as needed.) 3 credits
FS 443K - Korean Cinema Today	Prerequisites, FTV 140 , FS 244 , FS 245 This course highlights the current trends in Korean cinema by exploring a variety of contemporary films. Through screenings, class discussion, and Q&A with invited filmmakers, students will gain first-hand familiarity with Korean films, film industry and culture. Letter grade with Pass/No Pass option. (Offered fall semester, alternate years.) 3 credits
FS 444 - Advanced Topics in Film and Media Studies	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors have enrollment priority. An in-depth study of a particular aspect of film history and aesthetics. Open to non-majors. Letter grade. Repeatable for credit if the topic is different. (Offered every semester.) 3 credits
FS 444A - Black Cinema	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors have enrollment priority. A critical, historical analysis of Black Cinema through lecture, discussion, and viewing of films and film excerpts. Letter grade. (Offered as needed.) 3 credits
FS 444B - New Hollywood Cinema	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors have enrollment priority. Focuses on the rise of the New Hollywood, covering the influence of European directors on the 'movie brats,' the emergence of the contemporary blockbuster, the role of advertising and film reviews in promoting films, the significance of box office figures, and the economics of packaging and deal-making. Letter grade. (Offered as needed.) 3 credits
FS 444C - Queer Cinema	Prerequisites, FTV 140 , junior standing and FS 244 , or FS 245 This course examines the relationship among film, gender and sexuality. Topics covered may include cinematic representations of gender and sexuality, LGBTQ issues in film, feminist film theory, censorship, transgression, screening the body, psychoanalysis and cinema. Letter grade. (Offered as needed.) 3 credits
FS 444D - Hollywood Auteurs	Prerequisites, FTV 140 and FS 244 , or FS 245 Film and media studies, film studies majors and film and media studies, film studies minors have enrollment priority. A study of the concept of the film "auteur" and the way it has been applied to Hollywood filmmakers from the classical period (1917-1960) through the evolution of this concept into a marketing category in contemporary Hollywood. Letter grade. (Offered as needed.) 3 credits
FS 444E - Independent American Cinema	Prerequisites, FTV 140 and FS 244 , or FS 245 Film and media studies, film studies majors and film and media studies, film studies minors have enrollment priority. Examines independent film movements in North American cinema with an emphasis on the 'independent revival' from the 1980s onwards. Letter grade. (Offered as needed.) 3 credits
FS 444F - Women in Film	Prerequisites, FTV 140 and FS 244 , or FS 245 Film and media studies, film studies majors and film and media studies, film studies minors have enrollment priority. A survey of the on- and off-screen roles women have played in film and television, and an examination of how these roles have changed to reflect the changing status of women in society. Letter grade. (Offered as needed.) 3 credits
FS 444G - Films about the Holocaust	Prerequisites, FTV 140 and FS 244 , or FS 245 Film and media studies, film studies majors and film and media studies, film studies minors have enrollment priority. Traces the history of the Holocaust on film focusing on the cinematic art's contribution to our understanding of the greatest tragedy of the 20th century. The course will cover both non-fiction and fiction films and will attempt to survey all styles of filmmaking as they pertain to the Holocaust. Letter grade. (Offered as needed.) 3 credits
FS 444H - Film Censorship	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors will have enrollment priority. This course investigates the cultural, industrial, and social factors that provided the genesis of Hollywood self-industry censorship during what has been coined its "Pre-Code" era. We begin in the 1920s by studying the formation of the Motion Picture Producers and Directors Association (MPPDA), to the Studio Relations Committee's monitoring of early sound films in the early 1930s, until the strict enforcement of the film industry's "Production Code" in 1934, and then analyze its effects/aftermath. Letter grade. (Offered as needed.) 3 credits
FS 444I - The History and Aesthetics of Stereoscopic Cinema	Prerequisite, DCFMA major. This course will explore the history and aesthetics of stereoscopic 3-D cinema through readings, screenings, lectures, classroom discussions and written assignments. Though stereoscopic imagery can be found in a variety of media, including photography, comic books, theme parks and video games, this course engages specifically with stereoscopic cinema within the tradition of the Hollywood narrative feature film. The course follows a largely chronological trajectory from the pre-cinema era before 1895 to the digital present, tracing the technological, industrial and aesthetic issues that have shaped the production, exhibition and reception of stereoscopic cinema at various points along the way. In many ways, the history of stereoscopic cinema represents a parallel, shadow history to mainstream cinema, one that can help throw the embedded assumptions and naturalized practices of monocular film culture into relief, as it were. (Offered as needed.) 3 credits
FS 444J - Screened Violence	Prerequisites, FTV 140 and FS 244 , or FS 245 Film and media studies, film studies majors and film and media studies, film studies minors have enrollment priority. Violent images have often been blamed for violent actions. This course examines the consequence of violence on screen (film, tv, gaming) in both in its explicit and implicit forms. Screen examples will include themes of vengeance, transgression and cruelty, as much as it includes latent violence on gender, sexuality, racial identity and ability. The examples will be drawn from a range of cinemas and sources to expand the inquiry of what constitutes violence and how violence can result from ill-considered representation. Some sections of this course may be taught with FS 544. Letter grade. (Offered as needed.) 3 credits
FS 444K - The Hollywood Studio System	Prerequisites, FTV 140 and FS 244 , or FS 245 This course provides a survey of American cinema using the Hollywood studio system as its case study during its zenith in the 1930s and 40s, when cinema was the "mass medium" of the Twentieth Century and the majority of film production took place in Los Angeles (better known as "Hollywood"). The goal of this course is to historically contextualize the key studios of what has been called "The Golden Age" of "classical Hollywood" in terms of their aesthetic, cultural, industrial, social, and technological significances. In sum, students will identify and scrutinize the varying "house styles" of the major studios through studying the production choices, management style, and talent at each studio. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
FS 444M - Italian American Cinema (Same as ITAL 387)	3 credits
FS 444N - Postwar U.S. Cinema	Prerequisites, FTV 140 , and FS 244 , or FS 245 Film and media studies, film studies majors and film and media studies, film studies minors will have enrollment priority. This course provides a survey of American cinema focused on the decade of the 1950s, which witnessed tremendous economic and social changes that in turn impacted the style of Hollywood films. In doing so, the course will historically contextualize this decade in terms of its aesthetic, cultural, industrial, social, and technological attributes, including the rise of television in Hollywood and in response, the emergence of new film technologies like 3-D, Cinemascope, and stereoscopic sound in film; the major stars and genres of the decade that reflected dominant gender ideologies of the period (the "office company man," "blonde bombshell," domestic homemaker, the teen rebel, etc.); the rise of "teenagers" as a social (and marketable) demographic; the Cold war political climate (McCarthyism and the ensuing Blacklist in Hollywood; and the end of the "studio system" that caused changes in production (Hollywood productions abroad, freelancing). This course will also consider historical revisionism of the decade through select contemporary Hollywood films and television and consider how the present frames the past. Letter grade. (Offered as needed.) 3 credits
FS 444O - Film, Gender and Sexuality	Prerequisites, FTV 140 and FS 244 , or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors have enrollment priority. This course examines the relationships among film, gender, and sexuality. Topics covered may include cinematic representations of gender and sexuality, LGBTQ issues in film, feminist film theory, censorship, transgression, screening the body, psychoanalysis and cinema. Letter grade. (Offered as needed.) 3 credits



<b>FS 444P - Emerging Digital Media</b>	Prerequisites, FTV 140 and FS 244 or FS 245 Film studies, film and media studies majors and film studies, film and media studies minors have enrollment priority. Following the widespread digitization of visual technologies in the 1990s and the increased use of mobile and interactive communication technologies in the 2000s, contemporary culture is currently riding a wave of emerging media technologies. Without a single unifying definition, what is called "emerging media" determines not only the way people communicate but also implies a cultural practice - a "participatory culture" characterizing the definitions of "digital" and "always on" lifestyle. Profoundly immersed in the communication practices and digital aesthetics informed by the emerging media, individuals are not only reconfiguring their own identities, sensory and cognitive references, but also restructuring the infrastructures of socio-economic, cultural, and political institutions. This course examines emerging media technologies and their effects on identities and subjectivities, senses and perception, as well as cultures and environment in the broadest sense. Students will explore how aesthetics and practices of interactivity and immersion figure in different emerging media platforms. And last, but not least, the course considers how do emerging media require society to redefine the way people create, tell, and produce stories will therefore engage emerging media both theoretically and practically. Letter grade. (Offered as needed.) 3 credits
<b>FS 444Q - Screen Decades</b>	Prerequisites, FTV 140 and FS 244 or FS 245 Film studies and film and media studies majors and film studies and film and media studies minors have enrollment priority. This course examines American and/or a sampling of international cinema by specific decade (corresponding to the selection by the course instructor), with attention paid to both developments within popular filmmaking and film's relation to historical context. Screenings and discussion will address Hollywood's engagement with the popular culture of the period, regulations and politics, stardom, publicity, and the various film genre cycles or styles that emerged during the era. In addition to Hollywood production, the course may also consider documentary filmmaking. Art cinema, race and gender, spectatorship, and/or experimental film. Letter grade. (Offered as needed.) 3 credits
<b>FS 444R - Media, Culture, and Emotion (Same as CCI 444)</b>	3 credits
<b>FS 444S - Hollywood Stardom</b>	Prerequisites, FTV 140 and FS 244 or FS 245 This course examines the evolving function of stardom and celebrity in Hollywood. Students will consider how these roles and methods of performance have changed and developed throughout the history of film and television by studying stars as both semiotic and sociological constructions - as images that can be "read" and deconstructed, but also as manifestations of specific cultural moments. In doing so, this course examines the cultural and industrial dimensions of screen acting, the development of the Hollywood star system, and the historical methods of performance. Students also consider the array of ways that stars make careers out of acting, various methods of on-screen performance, the development of off-screen star personae, and the ways that actors build their brands. Students will examine key concepts from star studies, film theory and criticism, and American film history in order to expand their understanding of stardom by viewing a range of onscreen performances. Doing so will demonstrate how stardom and celebrity culture fits into a larger cultural and economic understanding of Hollywood and the contemporary media landscape. DCFMA film studies majors and minors have enrollment priority. Letter grade. (Offered as needed.) 3 credits
<b>FS 445 - Film Theory and Criticism, Lecture and Laboratory</b>	Prerequisites, FS 241, FS 245 and film studies or film and media studies major or film studies or film and media studies minor. This course analyzes film through classical theories developed by such formalists as Sergei Eisenstein and Rudolf Arnheim, and realists such as Andre Bazin and Siegfried Kracauer. It also explores modern film theories informed by structuralism, semiotics, psychoanalysis, narratology, et al. In order to help students gain an understanding of individual films, widespread filmmaking practices, important film movements, and the cultural impact of cinema. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered fall semester) 3 credits
<b>FS 455 - The Practices of Writing about Film</b>	Prerequisites, FTV 140, FS 244, FS 245 and film studies or film and media studies major or film studies or film and media studies minor. This course explores the different professional applications of film studies, from the practice of film reviewing to the preparation and planning of film festivals and public programming. Students learn writing techniques specific to film criticism and study the various film histories and critical approaches of film critics past and present, as well as considering the social and cultural issues involved in professional film journalism. Letter grade. (Offered spring semester) 3 credits
<b>FS 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
<b>FS 498 - Film and Media Studies Capstone Seminar</b>	Prerequisites, FTV 140, FS 244, FS 245, FS 445, senior standing and FS 443 or FS 444 and film studies or film and media studies major. This course is designed for advance study for film studies majors in their senior year that emulates a small, graduate seminar experience so that the students can write a longer term paper with detailed feedback and guidance from their professor. This class culminates the film studies degree, drawing upon their critical analysis and primary research skills in their semester long research project. The course subject will revolve each year depending on which faculty member teaches the class, who will bring their unique research expertise to design the class. Letter grade. (Offered spring semester) 3 credits
<b>FS 499 - Individual Study</b>	Prerequisite, consent of instructor. Individual research and projects. Students must have an overall grade point average of at least 3.0 to enroll. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered as needed.) 1/2-3 credits
<b>FIN 207 - Personal Finance</b>	Prerequisite, quantitative inquiry course. This course addresses the major personal financial planning issues that individuals and households face. Topics include establishing savings goals, using banking, credit, and other financial services, tax and estate planning, making good investment decisions, and comparing insurance products. Cannot be used to fulfill major requirements. (Offered every semester) 3 credits
<b>FIN 307 - The Financial System</b>	Prerequisites, ECON 200, ECON 201 and MGSC 209 or MATH 203 Financial intermediation and institutions, central banking, financial markets, and monetary economics. The impact of fiscal and monetary policy on interest rates. Provides a background for understanding financial structure and capital markets for business majors. Letter grade. (Offered every semester) 3 credits
<b>FIN 312 - Financial Reporting and Statement Analysis (Same as ACTG 312)</b>	3 credits
<b>FIN 317 - Financial Management</b>	Prerequisites, ACTG 210, ECON 200, ECON 201 and MGSC 209 or MATH 203 and MATH 109 or MATH 110 Principles governing the financial management of corporations with emphasis on the role of the financial manager; current asset management; financial structure; analysis of financial statements; evaluation of short-term and long-term funding sources; cost of capital and capital budgeting; evaluation of dividend policy; and financial forecasting. Letter grade. (Offered every semester) 3 credits
<b>FIN 327 - Intermediate Financial Management</b>	Prerequisite, FIN 317 Financial ratio analysis; breakeven analysis; management of cash, marketable securities, inventory and accounts receivable; portfolio theory; dividend policy; mergers and acquisitions; capital budgeting, and international finance. (Offered every semester.) 3 credits
<b>FIN 400 - A Walk Down Wall Street</b>	Prerequisites, FIN 317, consent of instructor. An examination of the practical operation of financial markets and the functions of the major players within the markets. The class will visit New York City for one week and will seek to tour the New York Stock Exchange, the NASDAQ Marketplace, and the Federal Reserve Bank of New York. Meetings will be scheduled with a variety of firms selected from investment banks, money managers, and financial information providers. Fee: TBD (Offered interterm.) 3 credits
<b>FIN 410 - International Financial Management</b>	Prerequisite, FIN 317 Application of principles of international financial management. Topics include foreign exchange markets, risk management, problems unique to international operations, international sources and uses of funds, long-term assets and liability management, capital budgeting and corporate financial strategy in an international context. Letter grade. (Offered every semester.) 3 credits
<b>FIN 421 - Investments</b>	Prerequisite, FIN 317 Investment principles and practices with emphasis on the individual investor. The evaluation, selection, and management of securities; investment principles; trading methods and valuation; different types of investments and savings; portfolio theory; sources of investment information, and interpretation of financial statements. (Offered every semester) 3 credits
<b>FIN 431 - Portfolio Management and Analysis</b>	Prerequisite, FIN 421, with minimum grade of B, or consent of instructor. The course will focus on the application of financial theory to the issues and problems of security analysis and portfolio management. Topics will include the selection of equity securities and portfolios to meet investment objectives and the measurement of portfolio performance. The course will build upon the analytical skills developed in FIN 421. Students in this course oversee the student managed investment fund. (Offered every year.) 3 credits
<b>FIN 442 - Fixed Income and Derivative Securities</b>	Prerequisite, FIN 421 with a grade of "B" or higher. This course focuses on pricing, risk management and institutional issues in the fixed income and derivative markets. Topics include bond sectors, yield spreads, swaps, arbitrage-free valuation, forward rate and term structure theories, futures pricing, option payoffs and strategies, option pricing models, option sensitivities and hedging. (Offered as needed.) 3 credits
<b>FIN 496 - Special Topics in Finance</b>	Prerequisite, FIN 317 In-depth study of a specific area, content of course changes every semester. May be repeated once. (Offered as needed.) 3 credits
<b>FIN 499 - Individual Study</b>	Prerequisite, approval of petition. For students who wish to pursue a special area of study not included in the curriculum. Maximum of 6 credits. (Offered every semester.) 1-3 credits
<b>FFC 100A - First Year Foundations</b>	Prerequisite, first-year students in Argynros School or Attallah College or Crean College or Dodge College (except creative producing or film production or screenwriting major) or College of Performing Arts or School of Communication or undeclared majors. This course engages students in interdisciplinary, university-level critical inquiry and reflection. The FFC course focuses more on critical engagement, exploration, and communication related to complex issues than on mastering a body of material. The section topics vary, and students select a topic according to their academic and personal interests. Some sections of this course may allow students with more than 30 credits earned to enroll. Letter grade. (Offered every semester) 3 credits
<b>FFC 100B - First Year Foundations: Grand Challenges in Science and Engineering</b>	Prerequisite, first-year students in Fowler School of Engineering or Schmid College have priority enrollment. Some seats may be available to students from other schools and colleges. This course engages students in interdisciplinary, university-level critical inquiry and reflection. The FFC course focuses more on critical engagement, exploration, and communication related to complex issues than on mastering a body of material. This course serves as the first part of the Grand Challenges Initiative, a program designed to engage students in team-based activities focused on solving the most pressing problems facing society. Interested students from outside of Schmid College of Science and Technology, and the Fowler School of Engineering are encouraged to enroll, as all projects will engage in interdisciplinary approaches in order to find new and compelling solutions. Some sections of this course may allow students with more than 30 credits earned to enroll. Letter grade. (Offered every semester) 3 credits
<b>FFC 100C - First Year Foundations: Story</b>	Prerequisite, first-year students in the Dodge College creative producing or film production or screenwriting major have priority. Some seats may be available to students from other schools and colleges. This course engages students in interdisciplinary, university-level critical inquiry and reflection. The FFC course focuses more on critical engagement, exploration, and communication related to complex issues than on mastering a body of material. Students in this FFC will engage critically, analytically, creatively and emotionally with one of humanity's most fundamental forms of communication and social bonding: Story. Some sections of this course may allow students with more than 30 credits earned to enroll. Letter grade. (Offered every semester) 3 credits
<b>FFC 100D - First Year Foundations: Topics in Conversations on Engaging the World</b>	Prerequisite, first-year students in Wilkinson College have priority. Some seats may be available to students from other schools and colleges. This course engages students in interdisciplinary, university-level critical inquiry and reflection. The FFC course focuses more on critical engagement, exploration, and communication related to complex issues than on mastering a body of material. The section topics vary, and students select a topic according to their academic and personal interests. Engaging the World combines course-work and extra-curricular programming to promote mindful reflection and thoughtful dialogue around critical social issues of contemporary times. The program encourages students to envision the previously unimaginable and bring disparate ideas together in new configurations to cultivate nuanced and informed responses to current social challenges. Other elements of the program help students successfully navigate the transition from high school to college. Some sections of this course may allow students with more than 30 credits earned to enroll. Letter grade. (Offered every semester) 3 credits
<b>FSN 120 - Introduction to Food Science</b>	An overview of the interactions among basic disciplines of science and technology which are integrated into the development of more wholesome, stable, and nutritious food products. General principles are stressed using examples which demonstrate the progression of raw agricultural commodities through the integrated technologies which result in commercial food products. (Offered every semester) 3 credits
<b>FSN 170 - Nutrition and Human Physiology</b>	This course will review the structure and function of the major organ systems. Content will focus on communication between organs and hormonal influences on appetite and satiety, and ultimately how nutrition supports homeostasis. (Offered as needed.) 3 credits
<b>FSN 200 - Nutrition for Life</b>	Make better dietary choices and dispel misconceptions by exploring the science of nutrition. Discussions will center on facts and fictions about nutrients and diets, health foods, and processed foods. (Offered every semester) 3 credits
<b>FSN 201 - International Nutrition: World Food Crisis</b>	Contemporary nutritional issues affecting the world. Social, cultural, political, economic, and scientific aspects of world food problems are examined. Nutritional deficiencies affecting various world regions and the role of international agencies are covered. Students learn about food production and food supplementation programs, and examine possible solutions and the future. Lecture. (Offered every semester) 3 credits
<b>FSN 303 - Advanced Nutrition and Metabolism</b>	Prerequisites, FSN 200 and CHEM 103 or CHEM 140 and FSN 170 or HSCI 112 or BIOL 366 or HSCI 366 An in-depth look at the digestion, absorption, metabolism, storage, excretion, and interrelationships of nutrients. Nutritional biochemistry and metabolism as it relates to establishment of nutrient requirements, markers of nutritional deficiency or excess, gene expression and chronic diseases. Advances the investigative approach to scientific concepts in nutrient metabolism. Letter grade. (Offered every semester) 3 credits
<b>FSN 309 - Topics in Food, Diet and Culture</b>	An international study tour to explore the food systems, diet, and culture in another country. Travel location may change each time the class is offered. Some section of FSN 309 may travel with FSN 509. Letter grade. Fee: TBD. (Offered as needed.) 3 credits
<b>FSN 319 - Travel Course to Crete and Athens: Exploring the Mediterranean Diet</b>	A study tour to explore the food systems, diet, and culture in Crete and Athens, Greece. Some sections of FSN 319 will travel with FSN 519. Fee: TBD. (Offered as needed.) 3 credits
<b>FSN 322 - Community Nutrition</b>	Prerequisite, FSN 303 Study of the roles and resources of community/public health nutrition professionals promoting wellness in the community. Assessment of community nutritional needs, and planning, implementing and evaluating nutrition education programs for various age groups under different socio-economic conditions. The legislative process, health care insurance industry, and domestic food assistance programs will also be covered. A community service project is an essential component of this class. (Offered spring semester.) 3 credits
<b>FSN 338 - Nutrition and Human Performance</b>	Prerequisite, FSN 303 Designed to provide an in-depth view of nutrition, metabolism, and human performance. Ergogenic aids, blood doping, nutritional needs of the athlete are emphasized. The methodologies and current topics in nutrition and human performance are evaluated. Mechanisms of nutrition are presented to better understand the cause-and-effect relationships of human nutrition. Lecture. (Offered fall semester) 3 credits
<b>FSN 339 - Lifecycle Nutrition</b>	Prerequisite, FSN 303 The human body has different nutrient requirements at different times during the life cycle and when in a disease state. Students explore the physiological changes, adaptations, and stresses that affect nutritional status and explain the influence of dietary practices in maximum growth, maintenance, and health. Nutrition counseling and diet analyses are included. Lecture. (Offered fall semester) 3 credits
<b>FSN 429 - Experimental Course</b>	Prerequisite, junior standing. Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. May be repeated for credit, if course topic is different. (Offered as needed.) 1-4 credits
<b>FSN 443 - Medical Nutrition Therapy</b>	Prerequisite, FSN 303 This course is designed to increase the students' knowledge of the pathophysiology of various disease states. Principles of dietary management as a preventative and therapeutic tool in health care will be emphasized during various physiologic changes such as disease, metabolic alterations and stress. Students will learn how to modify the normal diet for the prevention and treatment of diseases. (Offered spring semester) 3 credits
<b>FSN 490 - Independent Internship</b>	Prerequisite, consent of instructor. Chapman University allows students to receive academic credit for both paid and unpaid internships. P/NP. Appropriate work experience, may be repeatable for credit. (Offered every semester.) 1-3 credits
<b>FSN 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
<b>FSN 499 - Individual Study</b>	Prerequisite, consent of instructor. Selected undergraduate research projects involving either literature studies or laboratory research which develop new information, correlations, concepts or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. May be repeated for credit. (Offered every semester) 1-3 credits
<b>FL 101 - Foreign Language 1st Semester</b>	3 credits
<b>FL 102 - Foreign Language 2nd Semester</b>	3 credits
<b>FL 199 - Individual Study</b>	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>FL 299 - Individual Study</b>	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>FL 499 - Individual Study</b>	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-6 credits
<b>FREN 101 - Elementary French I</b>	Students gain mastery of a basic vocabulary, structural patterns, pronunciation, an overview of French geography, and social customs. Two hours of lab per week are required. (Offered every semester.) 3 credits
<b>FREN 102 - Elementary French II</b>	Prerequisite, FREN 101 Students gain mastery of a basic vocabulary, structural patterns, pronunciation, an overview of French geography, and social customs. Two hours of lab per week are required. (Offered every semester) 3 credits
<b>FREN 104 - Intensive Elementary French</b>	Prerequisite, two or more years of high school French with a gap of two or more years in the study of the language, or FREN 101, or consent of instructor. Mastery of a basic vocabulary and structural patterns, pronunciation, an overview of French geography, and customs. One hour per week of lab required. (Offered every year) 4 credits
<b>FREN 180 - Intensive French Language: Elementary (Cannes)</b>	Prerequisite, consent of instructor. This course is only offered at the American Institute for Foreign Studies in Cannes, France. This is a first-year college-level cours pratique in grammar, conversation, phonetics and writing practice for beginners and students with up to two years of high school French. (Offered every semester) 3-9 credits
<b>FREN 199 - Individual Study</b>	(Offered as needed.) 1-6 credits
<b>FREN 201 - Intermediate French I</b>	Prerequisite, FREN 102 The course covers conversation, concepts of grammar in review, composition, and cultural and literary readings. Two hours per week of lab are required. (Offered every year.) 3 credits
<b>FREN 201B - Intermediate French I for Business Professionals</b>	Prerequisite, FREN 102, or equivalent, or consent of instructor. Conversation, concepts of grammar in review, composition, cultural and readings for business professionals. Two hours per week of virtual lab required. (Offered as needed.) 3 credits
<b>FREN 201C - Intermediate French I for Film and TV Professionals</b>	Prerequisite, FREN 102, or equivalent, or consent of instructor. Conversation, concepts of grammar in review, composition, cultural and readings for Film and TV professionals. Two hours per week of virtual lab required. (Offered every year.) 3 credits
<b>FREN 202 - Intermediate French II</b>	Prerequisite, FREN 201 The course covers conversation, concepts of grammar in review, composition, and cultural and literary readings. Some sections of this course may be taught with FREN 345 (Offered interterm.) 3 credits
<b>FREN 280 - Intensive French Language: Intermediate (Cannes)</b>	Prerequisite, consent of instructor. This course is only offered at the American Institute for Foreign Studies in Cannes, France. At the intermediate level, this cours pratique covers vocabulary, grammar, composition, phonetics, and techniques of written expression. (Offered every semester.) 3-9 credits
<b>FREN 309 - Images of Childhood in French Literature and Film</b>	Prerequisite, FREN 201 or equivalency or consent of instructor. This course will explore the representation of childhood in French culture, literature and films from the French Revolution to the present. A major component of this course will include education, pedagogy, and parenting as students will pair with another class in France. Finally by connecting French and American cultures, students will obtain a deeper knowledge of the connection between culture and child development. Letter grade. (Offered as needed.) 3 credits
<b>FREN 310 - Introduction to Translation</b>	Prerequisite, FREN 201 Today, nations and populations are increasingly intertwined in business, communications, and the arts. As we navigate between cultures and languages, translation has become essential and represents a growing field. The goal of this course is to examine the many facets of translation in theory and practice. As such then, students from all linguistic and cultural backgrounds are invited to participate. In this introduction to translation studies, we will look at a range of texts and translation issues to begin to understand the broad scope of translation in today's globalized world. Topics covered will include literary prose and poetry, but also the type of subjects encountered in professional translation practice, such as business communications, sustainable development, and even video game localization and film subtitling. The exact topics discussed will be determined by student interests and goals during the first weeks of class. We will also discuss the reality of the language marketplace and potential avenues for further study. During the first half of the course, students will develop a personalized project to translate a text in their language pair. The aim will be to work on a document of relevance to their other coursework so as to avoid a merely academic exercise. Over the second half of the course, in addition to the discussion of the topic for that week, the class will be held as a workshop during which students will have the opportunity to present their work and raise questions regarding difficulties they may have encountered. As part of their final project, students will also be asked to maintain a journal documenting their translation process in which they discuss the challenges faced and how they overcame them. The course will be taught in French and English. Letter grade. (Offered as needed.) 3 credits



FREN 320 - French Humor in Literature, Cinema and Society	Prerequisite, FREN 201 or consent of instructor. Students will explore the notion of French humor in literature, music and cinema. Students will read humoristic selections from the following great literary works of Rabelais ("Gargantua"), Pascal ("Lettres Provinciales" & "Pensées"), Molière ("Tartuffe") La Fontaine ("Les Fables", Lesage ("Gil Blas"), Montesquieu ("Les Lettres persanes"), Diderot ("Jacques Le Fataliste"), Voltaire ("Candide" & "Les Lettres philosophiques"), Rostand ("Cyrano") and Ionesco ("La Cantatrice chauve"). Students will analyze the role of humor in French literature, comic strips such as "Charlie Hebdo", cinema, and society. Letter grade. (Offered as needed.) 3 credits
FREN 322 - Haute Couture, Dress Codes, Hats and Gloves: Images of French Society Through Material Culture	Prerequisite, FREN 201 or consent of instructor. This interdisciplinary course will explore the connection between French fashion and dressing from Versailles' splendor to the post-industrial globalized world. Students will explore this relationship using a variety of literary texts (Marivaux, Balzac, Maupassant, Zola, Colette), paintings (Fragonard, Watteau, Degas, Renoir), films and other media such as newspapers, magazines and advertisements. Students will also discuss the significance and impact of dressing in relation to identity, gender, social status and consumer taste. This course is taught in French. Letter grade. (Offered as needed.) 3 credits
FREN 323 - French Popular Music: A Mirror of Society	Prerequisite, FREN 201 This course will explore French popular songs from post World War II to present day. From Edith Piaf to Daft Punk, students will be exposed to songs that reflect the evolution and the issues of French society. The effects of globalization, the youth culture and language, and the role of the artist will be emphasized. (Offered as needed.) 3 credits
FREN 340 - Cuisine in French Literature and Film	Prerequisite, FREN 201, or consent of instructor. This course is a thematic survey of some selected French literary texts and films about the topic of food, eating, and cuisine. Emphasis will be placed on reading and critical analysis of primary and secondary texts and films in French and English. Students will write in French. (Offered alternate years.) 3 credits
FREN 341 - Literary and Cinematographic Images of the French Past: An Interdisciplinary Inquiry	Prerequisite, FREN 201, or consent of instructor. An interdisciplinary approach to the study of French cinema, history, civilization, culture, and literature. This seminar explores the manner in which these two popular art forms influence the very nature of French cultural identity. (Offered alternate years.) 3 credits
FREN 343 - Advanced Grammar and Composition	Prerequisite, FREN 201, or consent of instructor. Detailed review of grammar and exercises in various styles of writing. Content varies each time offered. May be repeated for credit. (Offered alternate years.) 3 credits
FREN 345 - Topics in Advanced French Conversation and Composition I	Prerequisite, FREN 201 or consent of instructor. Exercises in conversational French and composition. Discussions may be based on current activities and periodicals. Presentation of films. Content varies each time offered. Some sections of this course may be taught with FREN 202 Letter grade. May be repeated for credit if a different topic. (Offered as needed.) 3 credits
FREN 346 - Topics in Advanced French Conversation and Composition II	Prerequisite, FREN 201 or equivalent proficiency or consent of instructor. Exercises in conversational French and composition. Discussions may be based on current activities and periodicals. Presentation of films. Content varies each time offered. Some sections of this course may be taught with FREN 202 Letter grade. May be repeated for credit with different topic. (Offered as needed.) 3 credits
FREN 347 - Business French	Prerequisite, FREN 201, or consent of instructor. This course presents specialized vocabulary dealing with all aspects of business. Students learn the use of forms, letters and other documents, and practice preparing correspondence of various types. (Offered alternate years.) 3 credits
FREN 348 - Topics in Francophone Literatures of the World	Prerequisite, FREN 201, or consent of instructor. This course will explore the rich Francophone literatures of the world from the poetry of the former President of Sénégal, Léopold (Sédar) Senghor, to the famous novels of the Moroccan novelist, Tahar Ben Jelloun and Guadeloupean novelist Maryse Condé. Content varies each time offered focusing on either Francophone literature of Africa or the Americans and the Caribbean. May be repeated for credit. (Offered as needed.) 3 credits
FREN 349 - French Theater Across the Ages	Prerequisite, FREN 201, or consent of instructor. This course will examine famous French theatrical texts from Molière's Tartuffe to Ionesco's Cantatrice Chauve. (Offered alternate years.) 3 credits
FREN 350 - French Poetry and Music Across the Ages	Prerequisite, FREN 201 or consent of instructor. This course will examine the work of famous French poets and poetic singers such as Marie de France, Marot, Ronsard, LABBE, CHENIER, Baudelaire, Verlaine, Rimbaud, Hugo, Apollinaire, Elouard, VALERY, PREVERT, and Ponge, Brassens, Brel, Piaf and others. This course will explore the various poetic movements and schools, versification, and poetic discourse. Letter grade. (Offered as needed.) 3 credits
FREN 351 - The French Resistance and Holocaust	Prerequisite, FREN 201 or consent of instructor. This course will examine the question of the narration of the unspeakable and the importance of written testimony. Students will read and analyze writers who chose the French language to tell their story during the French Resistance and Holocaust such as VERCORS, CHARLOTTE DELBO, ELIE WIESEL, MARGUERITE DURAS, JORGE SEMPRUN. Letter grade. (Offered as needed.) 3 credits
FREN 352 - The New Novel and New Wave Cinema: Le Nouveau Roman & La Nouvelle Vague	Prerequisite, FREN 201 or consent of instructor. The course will examine the new novels (les nouveaux romans) of famous French writers such as Alain Robbe-Grillet, Marguerite Duras, Nathalie Sarraute, Georges Perec, Michel Butor, JMG Le CLEZIO in relationship to New-Wave Cinema (La Nouvelle Vague) of Truffaut, Godard, Varda, Demy, and others. Letter grade. (Offered as needed.) 3 credits
FREN 353 - Topics in Historical Tours: Paris, A Literary History	Prerequisite, FREN 201, or consent of instructor. This course will be taught on location in Paris during the interterm or summer. If offered during the interterm, several lectures will be first conducted on the Orange campus before the Paris segment of the class. Students will explore the rich history of literature of France, with specific emphasis on the city of Paris, through immersion in the historic places and sites of the proverbial city of lights. May be repeated for credit if the tour sites, experiences and assignments are different than those in which students previously received credit. Fee: TBD. (Offered as needed.) 3 credits
FREN 353B - Topics in Historical Tours: A Literary History of the French Riviera and Provence (Same as HUM 353B)	A segment, or the entire course, will be taught on location in the South of France. Both the French Riviera and Provence have inspired writers and artists from Fitzgerald, Pagnol and Daudet to Cezane, Cbaggall and Picasso. Students will explore the region's rich history and literature. Fee: TBD. (Offered as needed.) 3 credits
FREN 353C - Topics in Historical Tours: A Tale of Two Cities	Prerequisite, FREN 201, or consent of instructor. Students will spend ten days in both London and Paris during the interterm period. The center of this course is a self-chosen and self-designed research project that looks at some aspect of the life in and history of London and Paris. Fee: TBD. (Offered interterm.) 3 credits
FREN 354 - French Opera in the Time of the Sun King: The "Libretti" of Quinault and Music of Lully	Prerequisite, FREN 201 or consent of instructor. An exploration of both the literary and the musical traditions of the finest operas written in French during the reign of Louis XIV. Students will read, listen to and view libretti written in French from the classical era such as Quinault's "Alceste" and Corneille's "Psyché." Students will examine the rich literary tradition of the libretti and their fascinating interplay with the music of composers such as Lully. The class will provide students with an understanding of the historical setting in which the most popular performing art emerged as a powerful instrument of royalist propaganda during the reign of the Sun King. Letter grade. (Offered as needed.) 3 credits
FREN 355 - Memories of World War II in French Films	Prerequisite, FREN 201 Students will examine the debates and changing attitudes towards the war through the prism of film. The class will explore films produced in the last sixty years and we will consider the ways in which these representations helped shape the image the French had of themselves. Films to be screened include works by Clément, Méville, Renais, and Malle. (Offered as needed.) 3 credits
FREN 356 - Topics in French Opera (Same as MUS 356)	An exploration of both the literary and the musical traditions of the finest operas written in French and their relationship to other literary genres and performing arts. May be repeated for credit if a different topic. (Offered as needed.) 3 credits
FREN 357 - French Surrealism	Prerequisite, FREN 201 In this course we will examine the emergence of Surrealism within French culture in the early part of the 20th century. We will seek to understand the ways in which this avant-garde movement found expression in literature, art, and film, and how it continues to influence the arts even today. Because so much of Surrealism was based on direct experience, this course will also include a creative aspect. (Offered as needed.) 3 credits
FREN 360 - Performance in French	Prerequisite, FREN 201, or consent of instructor. This course is designed for students who are interested in performance in a foreign language. Emphasis will be placed on acting as well as on the improvement of foreign language skills. May be repeated for credit. (Offered as needed.) 3 credits
FREN 365 - Of Avatars and Apes: The Supernatural and Science in French Fiction	Prerequisite, FREN 201 What do we know about ourselves in the world, on this planet? How do we react to fundamental shifts in society that lead us to question our place within it? How do we interpret the world around us? In this course, we will examine the ways in which French writers use imaginary worlds and temporalities to reflect on society. As advances were made in science and industry in 19th and 20th-century France, writers sought to express their fears and concerns concerning these changes through stories. By examining three distinct yet interrelated genres—French fairy tales, fantastical short stories, and science fiction novels—we will analyze the ways in which each seeks to use supernatural experiences, extraterrestrial beings, and distant places to explore the unknown, both in the external world and especially within their own unconscious. Readings will include, among others, fairy tales by Charles Perrault, short stories by Maupassant and Gauthier, and novels by René Barjavel and Pierre Boulle. Secondary readings will assist in problematizing our analysis and discussions. Two to three films will also be screened throughout the semester to supplement our readings. (Offered as needed.) 3 credits
FREN 370 - Writing About Food: French Composition	Prerequisite, FREN 201 This course is designed to improve students writing skills in French through the topic of food. Students will learn how to write on numerous styles of French: manifesto, description, opinion, critic of a text or a film, and improve their grammar and vocabulary through the topic of food as a cultural, historical, sociological, poetical subject. (Offered every year.) 3 credits
FREN 375 - Topics in French Literature	Prerequisite, FREN 201, or consent of instructor. Students read and analyze selected works from representative authors in the novel, drama, and poetry. Content varies each time offered. May be repeated for credit. (Offered as needed.) 3 credits
FREN 378 - Contemporary French Society, Politics, The European Union and French-Speaking World	Prerequisite, FREN 201, or consent of instructor. The study of the geography, political history, and cultural development of France, the European Union and French-Speaking World. (Offered as needed.) 3 credits
FREN 380 - Intensive French Language: Upper Intermediate (Cannes)	Prerequisite, consent of instructor. This course is only offered at the American Institute for Foreign Studies in Cannes, France. For students at the upper-intermediate level, this cours pratique maintains, improves, and refines knowledge of the French language through systematic study of tenses, moods, and subordinate clauses. (Offered every semester.) 3-9 credits
FREN 386 - Images of Leadership in French Literature	Prerequisite, FREN 201, or consent of instructor. This course is designed for students who are interested in exploring how French women writers (and directors), from the Middle Ages to our XXI century, expressed leadership across their artistic talent. (Offered as needed.) 3 credits
FREN 387 - Remakes and Adaptations in Films: From France to Hollywood	Prerequisite, FREN 201 This course is designed for students who are interested in exploring the meaning and implication of the remake in films, particularly what happens to the French film when it becomes an American product. (Offered fall semester, alternate years.) 3 credits
FREN 389 - The French Philosophers and the French Enlightenment	Prerequisite, FREN 201, or consent of instructor. This literature course will focus on the major French philosophers novels, plays and political writings leading to the French Revolution. Readings by Diderot, Rousseau, Marivaux, Voltaire, Montesquieu. The role of women of letters will be explored as well through the readings of Mme de Staël and Mme Riccoboni. (Offered as needed.) 3 credits
FREN 399 - Individual Study	Prerequisite, FREN 201, or consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. May be repeated for credit. (Offered as needed.) ½-6 credits
FREN 480 - Intensive French Language: Advanced (Cannes)	This cours pratique stresses structural exercises in grammar, correct use of types of language commercial, administrative, journalistic, familiar, colloquial, and formal. French civilization is studied via social, political, economic, and cultural themes. 9 credits
FREN 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
FREN 498 - Junior/Senior Seminar	Prerequisites, FREN 201 or consent of instructor and French or Global Communication and World Languages French track major or French minor. Senior capstone course for French and Global Communication and World Languages French track majors. In this course, students complete research for and write their senior thesis. Letter grade. (Offered fall semester.) 3 credits
FREN 499 - Individual Study	Prerequisite, consent of instructor. Designed to meet specific needs of superior students, providing them in-depth study in a specific area. Course content is chosen in conference between the instructor and student. May be repeated for credit. (Offered as needed.) 1-3 credits
GER 101 - Elementary German I	Students develop beginning communicative competence in speaking, listening, reading, and writing. Appreciation for the Swiss, German, and Austrian cultures is developed. (Offered every semester.) 3 credits
GER 102 - Elementary German II	Prerequisite, GER 101 Students develop beginning communicative competence in speaking, listening, reading, and writing. Appreciation for the Swiss, German, and Austrian cultures is developed. (Offered every semester.) 3 credits
GER 199 - Individual Study	(Offered as needed.) 6 credits
GER 201 - Intermediate German I	Prerequisite, GER 102 Students work on reviewing, expanding, and improving communicative skills to encompass most social and some professional situations, particularly those relevant to the majors of the students in the class. Intensified reading and writing will be used to explore the diverse geography and culture of the German-speaking countries. (Offered every year.) 3 credits
GER 202 - Intermediate German II	Prerequisite, GER 201 Students work on reviewing, expanding, and improving communicative skills to encompass most social and some professional situations, particularly those relevant to the majors of the students in the class. Intensified reading and writing will be used to explore the diverse geography and culture of the German-speaking countries. (Offered every year.) 3 credits
GER 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
GER 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-6 credits
GER 327 - German Short Stories	Prerequisite, GER 201, or consent of instructor. This course will provide students access to German literature through the medium of short stories. It serves as a transition to more advanced German literature courses. The required text Allerlei zum Lesen consists of short texts by modern writers, as well as Nobel prize laureates from a wide variety of disciplines and cultural backgrounds. The analysis of the topics such as politics, war, gender roles, stereotypes, and humor encourages critical thinking and self-reflection. (Offered as needed.) 3 credits
GER 341 - German Film	Prerequisite, GER 201. Film is a powerful art form and means of communication. This interdisciplinary course will explore the historical background of the German-speaking cultures through literary and cinematographic images, which are often catalysts for cultural change. This course can be repeated once if different films are examined. May be repeated for credit. (Offered fall semester, alternate years.) 3 credits
GER 343 - Advanced Grammar and Composition	Prerequisite, GER 201, or consent of instructor. This is a rigorous writing course designed to allow the student to perfect German composition skills in various writing styles through drafts, revisions, and final projects. (Offered alternate years.) 3 credits
GER 345 - German Conversation	Prerequisite, GER 201, or consent of instructor. Students will perform fluency-building exercises in conversational German. Discussions will be based upon current events using periodicals and videos. (Offered alternate years.) 3 credits
GER 347 - Business German	Prerequisite, GER 201, or consent of instructor. This course presents a specialized vocabulary dealing with all aspects of business and are given insight into the role Germany, Austria, and Switzerland play in the global economy. Students learn the use of forms, letters, and other documents, and they practice preparing correspondence of various types. (Offered alternate years.) 3 credits
GER 351 - The Holocaust in German Literature and Film (Same as HUM 351)	This course will examine various aspects of the Holocaust in literary texts. We will examine the lives of those confined inside the concentration camps, those rescued, those whose lives were destroyed or shattered and those who showed courage. Students will be challenged to evaluate their personal values and develop their own ethical responsibility in the face of ongoing genocides. (Offered every year.) 3 credits
GER 360 - Performance in German/Theater	Prerequisite, GER 201, or consent of instructor. This course is designed for students who are interested in performing a play in a foreign language (German). Emphasis will be placed on acting as well as on the improvement of foreign language skills. Although a number of different dramas/plays by major German playwrights will be analyzed, the course will focus on one play which students will prepare to enact for the larger Chapman University and community audience. (Offered spring semester, alternate years.) 3 credits
GER 375 - German Literature	Prerequisite, GER 201, or consent of instructor. Students read and analyze selected works from representative authors in the novel, drama, and poetry. Content varies each time offered. May be repeated for credit. (Offered alternate years.) 3 credits
GER 378 - German Culture and Civilization	Prerequisite, GER 201, or consent of instructor. The study of the geography, political history, and cultural development of German-speaking countries, their position in the European Union, and their role in the modern world. (Offered alternate years.) 3 credits
GER 399 - Individual Study	(Offered as needed.) 1-3 credits
GER 490 - Independent Internship	(Offered as needed.) 3 credits
GER 491 - Student-Faculty Research/Creative Activity	Prerequisites, consent of instructor, GER 201. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
GER 498 - Junior/Senior Seminar	Prerequisite, GER 201 or consent of instructor. Students will select a research topic on a subject related to literature and/or linguistics in function with other disciplines related to the history, society or culture of any German speaking country or region in the world. Students will conduct primary and secondary source research on the topic of their choice as they write entirely in German a 20 page (5,000 words not including the bibliography) capstone research paper. Students are expected to write two pages (500 words) per weekly class session and to post their work before class on the dedicated discussion board as a Microsoft Word file/attachment to a message. Students should number each posting accordingly (week 1...etc.). Class time will be devoted to presentations of research, peer-editing and collaboration on weekly postings (hence the firm obligation to make the 500 word posting each week and to not miss any classes). After peer-editing and revision of posts, the instructor will review the revised postings providing constructive feedback on the mechanics of the student's written expression in German (grammar, vocabulary, orthography, etc.) and critical analysis (the interpretation/ research/analytical & synthetic perspective of the student's work). (Offered fall semester.) 3 credits
GER 499 - Individual Study	Prerequisite, consent of instructor. Designed to meet specific needs of superior students. (Offered every semester.) 1-3 credits
GD 100 - Introduction to Lettering and Book Arts	Prerequisite, graphic design major or art or art history or graphic design minor. This course offers an introduction to hand lettering and handmade books. The hand lettering portion of the class emphasizes historic and contemporary typography including traditional calligraphy. The second half of the class explores handmade books using a broad range of materials, tools, formats and processes. Emphasis on both concept and structure will allow students to create original works in book form. The course trains students in professional methods of production that will be utilized in subsequent classes in the program. Letter grade. (Offered spring semester.) 3 credits
GD 102 - Research Methods for Designers	Prerequisite, graphic design major, or art, or art history, or graphic design minor, or consent of instructor. Corequisite, GD 103. This course introduces students to a range of methodologies and strategies used to enhance creative conceptualization abilities and provide evidence to support design decisions. Students will be exposed to the relationship that exists between research as a practice-based activity and research as scholarly inquiry. Students will engage in the research process through field work, papers, and visual presentations with the ability to conduct primary research using a variety of interviewing techniques, observational, and participatory design methods. (Offered fall semester.) 3 credits
GD 103 - Visualization - Perspective and Rendering	Prerequisite, graphic design major or art or art history or graphic design minor. Corequisite, GD 102 Students will learn to visualize through such techniques as thumbnails, comping, and spatial rendering. Study units include grids, 1 and 2 point perspective, shading, color, shadows, reflections, rapid indication, the visualization process, graphic expression, graphic creation. Letter grade. (Offered spring semester.) 3 credits
GD 200 - Introduction to Graphic Design	Prerequisites, GD 102, GD 103, sophomore standing and graphic design major or art or art history or graphic design minor or consent of instructor. Corequisite, GD 201 This course is an introduction to graphic design. Course includes instruction in the discipline of graphic design and in basic Macintosh computer skills as well as use of Adobe Illustrator, Adobe Photoshop, and Adobe InDesign. Graphic Design majors must receive at least a "B" in GD 200 in order to satisfy their major requirements. Letter grade. (Offered fall semester.) 3 credits
GD 201 - Typography	Prerequisites, GD 102, GD 103, sophomore standing and graphic design major or art or art history or graphic design minor or consent of instructor. Corequisite, GD 200 This course is an introduction to the vocabulary, and computer generated typography and logo type. This course begins as a micro investigation of individual type anatomy and progresses to a macro study of continuous text and multi-page layout. Study objectives include an introduction to semantics and foundations specific to typography such as defining a grid, font development, hierarchy, and appropriate use of type pairing and type styles. Graphic Design majors must receive at least a "B" in GD 201 in order to satisfy their major requirements. Letter grade. (Offered fall semester.) 3 credits



GD 202 - Interactive, UX and Web Design	Prerequisites, GD 102 , GD 103 , sophomore standing and graphic design major or art or art history or graphic design minor. Corequisite, GD 200 , GD 201 or consent of instructor. Students develop graphic, interactive, UX, UI, and web design projects using HTML and Dreamweaver software. Letter grade. (Offered fall semester) 3 credits
GD 203 - Color	Prerequisites, GD 200 , GD 201 , sophomore standing and graphic design major or art or art history or graphic design minor or consent of instructor. This course explores the application and theory of color in the visual arts. The perceptual, symbolic, and psychological nature of color in historical and contemporary usage is explored. Letter grade. (Offered spring semester.) 3 credits
GD 204 - Objects and Space II	Prerequisites, ART 122 , GD 103 , GD 200 , GD 201 , sophomore standing and graphic design major or art or art history or graphic design minor or consent of instructor. This is an introductory course exploring environmental, exhibition, and 3-dimensional packaging design, including the history of packaging, legislation mandates, production, environmental issues, as well as paper/material selection. Letter grade. (Offered spring semester.) 3 credits
GD 290 - Independent Internship	Prerequisites, sophomore standing, consent of instructor and graphic design major, or art, or art history, or graphic design minor. The internship positions will offer actual working experience in art, art history and graphic studios and advertising agencies. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
GD 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
GD 300 - Graphic Design	Prerequisites, GD 200 , GD 201 and graphic design major or art or art history or graphic design minor or consent of instructor. The goal of this course is to develop a comprehensive understanding of methods, concept ideation, and process for visual communication. Study include an emphasis in book design and editorial typography. Students are expected to incorporate conceptual strategies, various methods in design research, typography and theory in graphic design learned thus far in the graphic design program. Letter grade. (Offered spring semester.) 3 credits
GD 301 - Book Design	Prerequisites, GD 200 , GD 201 and graphic design major or art or art history or graphic design minor or consent of instructor. Students explore how the subtleties of typography and layout from the simplest one-column layout to complex grids and free-form typography. Students begin to understand and develop forms appropriate to editorial content and context. This class also tackles the practical aspects of book production, e-publishing, from developing viable projects, to finding a publisher, to understanding production implications of the design. Letter grade. (Offered fall semester.) 3 credits
GD 302 - Branding and Advertising Design	Prerequisites, GD 200 , GD 201 , GD 300 , junior standing and graphic design major or art or art history or graphic design minor or consent of instructor. This course will challenge students to think critically, socially, politically and historically in the areas of branding and advertising design. Students will gain experience in branding and campaign strategies; traditional and green marketing techniques; propaganda and metaphorical strategies; writing skills for headlines, conceptual copy and comprehensive design briefs; introduction in narrative, storyboarding and sequence; and guerrilla advertising tactics. Letter grade. (Offered fall semester.) 3 credits
GD 303 - Information Design	Prerequisites, GD 103 , GD 200 , GD 201 , sophomore standing and graphic design major or art or art history or graphic design minor or consent of instructor. This is an introductory course presenting graphic design students with specific terminology, theory, case studies and projects in information design. Study objectives include a comprehensive introduction to semiotics and icon design, wayfinding, inclusive and participatory design, data visualization, instructional design, seminar and case studies in professional practice and contemporary research. Letter grade. (Offered spring semester.) 3 credits
GD 304 - History of Graphic Design	Prerequisites, GD 200 , GD 201 , and graphic design major, or art, or art history, or graphic design minor, or consent of instructor. Introduces the major epochs in the history of graphic design. Explores how visual communication was designed to fit the needs of pre-modern societies and how it responded to shifting contexts and new technological inventions at three critical moments: the invention of the printing press, the industrial revolution, and the digital revolution. (Offered every semester.) 3 credits
GD 305 - Sophomore Portfolio Workshop	Prerequisites, ART 122 , GD 103 , GD 200 , GD 201 , and graphic design major, or art, or art history, or graphic design minor, or consent of instructor. The student will work in a supervised lab environment to develop new design pieces and/or rework previous design pieces. This artwork will be used in their junior/senior portfolios and their junior BFA gallery shows. May be repeated for credit. (Offered interterm.) 1 credit
GD 306 - 4D Design	Prerequisites, GD 200 , GD 201 , junior standing and graphic design major or art or art history or graphic design minor or consent of instructor. This is designed to integrate existing and captured 2-D imagery into moving image work. Preparing 2-D work for transition into moving images, treatment development, storyboarding basic and techniques. Students will develop a detailed production pipeline to produce a composited moving image work. Students will also be required to meet with the professor in preparation for the Junior Portfolio Proficiency, including reviewing portfolio work and writing requirements. Students will be coordinated into committees and will be expected to meet deadlines and the schedule set by the professor. Letter grade. (Offered spring semester.) 3 credits
GD 307 - Advanced Typography	Prerequisites, GD 200 , GD 201 , GD 300 , junior standing and graphic design major or art or art history or graphic design minor or consent of instructor. GD 307 focuses on advanced typography principles and design exploring advanced concepts in typographic design and font design. Typographic exploration, type aesthetics and functional typography will be emphasized. Hand and computer graphic skills are reviewed and enhanced. The purpose of this class is to build upon one's knowledge of typographic terminology, form, structure, and anatomy. Students learn by taking information given during class lectures and critiques and applying that knowledge to an assignment which reinforces practical design practices as well as developing a comprehensive typeface and specimen book. Letter grade. (Offered fall semester.) 3 credits
GD 308 - Sustainable Design (London)	Prerequisites, GD 200 , GD 201 and graphic design major or art or art history or graphic design minor or consent of instructor. Students will focus on how sustainable design practices will be worked into design solutions by visiting a variety of professional businesses in London with global clients. Students will be required to do a pre-departure assignment that will be for the benefit of all students traveling to London based on the background of the design offices that we will be visiting. While at each office, students will be assigned two design charrettes to be completed while on site - and juried by senior staff at each office. There will be several off site visits to design studios, or places where sustainable design practices are a strong focus. Upon return the students will be given one week to gather all of what they have learned on put it into book of their design recapping and contextualizing their experience. Letter grade. May be repeated for credit. Fee: TBD. (Offered summer.) 3 credits
GD 309 - Illustration	Prerequisites, ART 124 , ART 211 or GD 103 , GD 200 and art or graphic design major or art or graphic design minor. Introduces illustration techniques through conceptually based projects, demonstrations, discussions, guest artists and field trips. Students explore ideas and develop a personal language through understanding historical and contemporary illustration. Letter grade. (Offered spring semester.) 3 credits
GD 310 - Special Topics in Typography	Prerequisites, GD 200 , GD 201 , GD 300 , junior standing, and graphic design major, or art, or art history or graphic design minor, or consent of instructor. GD 310 focuses on typography and special issues as it relates to graphic design. Students will examine existing experimental typographic designs in the contemporary graphic design industry; learn how to elicit an instinctive response through typography; and finesse the nuances of typography in graphic design work. (Offered as needed.) 3 credits
GD 311 - Disability, Accessibility, and Design	Prerequisite, graphic design major or graphic design or disability studies minor or consent of instructor. This interdisciplinary course of designers, educators, leaders, writers, future engineers, entrepreneurs, and other majors on campus will explore design and design thinking methods to consider and welcome many forms of human diversity including neurodiversity, sensory, physical, cognitive, and cultural diversity. The course will use project-based learning focusing on the foundations of design. This course introduces some of the fundamental principles of accessibility and prepares students for further study in universal and inclusive design. Students will have an opportunity to explore the major types of disabilities and related topics including the difference between inclusive and Universal design; 508 Compliance (The Rehabilitation Act of 1973); Sensory design; Representation; Digital communication interfaces; Typography and document design; Adaptive strategies, Content creation, and Critical design theory. Featured guest speakers will provide perspectives and expertise as well as case studies in universal design and architecture, inclusive design in education, emergency management and public safety, representation in advertising and media, and accessibility in corporate and community settings. Letter grade. With consent, this course may be repeated for credit. (Offered every year.) 3 credits
GD 329 - Experimental Course	Prerequisite, graphic design major or minor. Graphic Design experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
GD 390 - Independent Internship	Prerequisites, junior standing, consent of instructor and graphic design major, or art, or art history, or graphic design minors. The internship positions will offer actual working experience in art, art history and graphic studios and advertising agencies. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
GD 399 - Individual Study	Prerequisites, freshman, or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered every semester.) 1-6 credits
GD 400 - Advanced Graphic Design	Prerequisites, GD 200 , GD 201 , GD 300 , GD 302 and graphic design major or art or art history or graphic design minor and senior standing or consent of instructor. This course allows the student to work on solo and group design projects. Students learn advanced graphic design systems with some client based work. Letter grade. (Offered fall semester.) 3 credits
GD 401 - Business Practices/Pre-internship	Prerequisites, GD 306 , senior standing and graphic design major or art or art history or graphic design minor. This course covers basic practices such as billing, estimating jobs, quoting, submitting proposals and RFPs. Students will learn and understand the language of business and the business goals of design work. Letter grade. (Offered fall semester.) 3 credits
GD 402 - Advanced Interaction UX/UI and Web Design	Prerequisites, GD 200 , GD 201 , GD 202 and graphic design major or art or art history or graphic design minor or consent of instructor. An exploration of interactive and UX design, using prototyping and web design tools that include HTML5, CSS, JavaScript as well as visual object oriented application, Sketch, XD, Dreamweaver and other tools allow for user interactivity as an integral part of the UX, UI, and web experience. We approach the problem of Interactive Device and Web Design from the Graphic Designer's point of view with less emphasis on code, more on integrity of design. UX design, working with prototyping tools, creating device-oriented design that takes into account the user, and the interface, as a major part of functionality. Letter grade. (Offered spring semester.) 3 credits
GD 405 - Junior/Senior Portfolio Workshop	Prerequisites, ART 122 , GD 103 , GD 200 , GD 201 , junior standing, and graphic design major, or art, or art history, or graphic design minor, or consent of instructor. The student will work in a supervised lab environment to develop new design pieces and/or rework previous design pieces. This artwork will be used in their junior/senior portfolios and their junior BFA gallery shows. May be repeated for credit. (Offered interterm.) 1 credit
GD 406 - Motion Design	Prerequisites, GD 200 , GD 201 , GD 300 , GD 302 and graphic design major or art or art history or graphic design minor or consent of instructor. Students will obtain the introductory skill set needed to explore issues of rhythm, space, animation, sound and video in motion design. Students will learn different types of movement, animation and keyframing principles, masking, effects, basic sound editing, and storyboarding for motion. This course will introduce basic principles and applications of Motion Design/Graphics as it pertains to current trends in the film and television industries. Students will discover industry standard processes and practices on the way to preparing themselves for an entry-level to intermediate position in the Motion Graphics and Design industries. Letter grade. (Offered spring semester.) 3 credits
GD 407 - Studio C	Prerequisites, consent of instructor, sophomore standing and graphic design major or art or art history or graphic design minor. This course is an on-campus studio oriented workshop by invitation of instructor only. The course focuses on the development of finished portfolio-quality design work. Professional designer/art director environment involves actual projects with clients, budgets and deadlines. Students are responsible for all project phases from design to production, print supervision and completion. Letter grade. May be repeated up to 6 credits. (Offered spring semester.) 3 credits
GD 408 - Graphic Design Portfolio	Prerequisites, GD 306 , senior standing and graphic design major or art or art history or graphic design minor. Students develop an individually focused portfolio and participate in a final critique by an invited panel of graphic design professionals. Letter grade. (Offered spring semester.) 3 credits
GD 490 - Independent Internship	Prerequisites, junior standing, consent of instructor and graphic design major, or minor. The internship positions will offer actual working experience in art, art history and graphic studios and advertising agencies. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
GD 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
GRK 101 - Elementary Classical Greek I	Mastery of alphabet, vocabulary, grammar, and correct pronunciation, along with an introduction to classical Greece. (Offered as needed.) 3 credits
GRK 102 - Elementary Classical Greek II	Prerequisite, GRK 101 Mastery of alphabet, vocabulary, grammar, and correct pronunciation, along with an introduction to classical Greece. (Offered as needed.) 3 credits
GRK 201 - Intermediate Classical Greek I	Prerequisite, GRK 102 , or consent of instructor. Continue with mastery of basic vocabulary and structural patterns, pronunciation, and discussion of issues of classical Greek culture. (Offered as needed.) 3 credits
GRK 499 - Individual Study	(Offered as needed.) ½-6 credits
HLHM 100 - Introductory Seminar in Health Humanities	An introduction to the Health Humanities, exploring the interconnectivity of medicine, health, and the humanities. Students will learn the history of this evolving field, how it unites various disciplines (such as literature, film and media studies, philosophy, law, disability studies, ethics, religion, medicine, psychology, sociology, and other arts and sciences), and when intersection occurs in people's personal and professional lives. Letter grade. (Offered every year.) 3 credits
HLHM 229 - Experimental Course	Health humanities experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit once if the topic is different. (Offered as needed.) 1-6 credits
HLHM 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered as needed.) 1-3 credits
HLHM 329 - Experimental Course	Prerequisite, HLHM 100 or consent of instructor. Health humanities experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) 1-6 credits.
HLHM 429 - Experimental Course	Prerequisite, HLHM 100 or consent of instructor. Health humanities experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) 1-6 credits
HLHM 490 - Independent Internship	Prerequisites, HLHM 100 , consent of instructor. Internships give students the opportunity to earn academic credit while gaining practical work experience, an increased understanding of their chosen career field, job skills, self-confidence, and more. If taken as the Capstone Experience in the Health Humanities Minor, it must be taken for 3 credits and for a letter grade. Letter grade with Pass/No Pass option. With consent, this course may be repeated for credit. (Offered as needed.) 1-3 credits
HLHM 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered as needed.) 1-3 credits
HLHM 498 - Capstone in Health Humanities	Prerequisites, HLHM 100 , junior standing and health humanities minor or consent of instructor. This course is a capstone course in the Health Humanities program. As a culminating experience, the course takes an interdisciplinary approach to understanding health and health care. The course may include individual or group research, scholarly, and creative projects as well as reading and discussion. Attention is given to current issues and challenges in health policy, applications of health humanities approaches, and careers. Letter grade. (Offered every year.) 3 credits
HLHM 499 - Individual Study	Prerequisites, HLHM 100 , consent of instructor. Designed to meet specific needs of superior students, providing them with in-depth study of a specific area. Course content is chosen in conference between the instructor and student. Letter grade. With consent, this course may be repeated for credit. (Offered as needed.) 1-3 credits
HSCI 101 - Introduction to Health Care Professions	Prerequisite, applied human physiology or health sciences major or health sciences minor. Course examines major health professions including professional training, job responsibilities, future demand, and potential earnings. Students will interact with health care professionals throughout the Interterm. By the end of the course, students should be able to identify which health careers better fit their interests and talents. P/NP. (Offered interterm.) 1 credit
HSCI 105 - Medical Terminology	This course will provide students with an understanding of the numerous words and terms used by health care professionals. P/NP. (Offered interterm.) 1 credit
HSCI 112 - Human Physiology in Health and Disease	This course is intended for the non-science major. It addresses key concepts in physical and biological sciences using human physiology as the platform. Students will learn fundamental laws of science, science methodology, and sufficient science content to enhance their ability to evaluate arguments surrounding current issues related to human physiology in health and disease. Lecture. (Offered as needed.) 3 credits
HSCI 210 - Human Anatomy, Lecture and Laboratory (Same as BIOL 210)	An introduction to the study of human structure. The human body is studied from the following multiple levels of anatomical organization: cells, tissues, organs, organ systems, and the intact organism. Emphasis is on the functional bases of anatomy. This course includes a lecture and required laboratory component held at different times. Letter grade. (Offered every semester.) 4 credits
HSCI 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
HSCI 329 - Experimental Course	Prerequisites, TBD per topic. Corequisites, TBD per topic. This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest in undergraduate studies. Repeatable if course topic is different. Fee: TBD per topic. (Offered as needed.) ½-6 credits
HSCI 365 - Human Physiology Part A (Same as BIOL 365) Prerequisites, BIOL 204 , CHEM 140 , CHEM 140L , and BIOL 210 , or	Students learn how physiological systems function in isolation and as part of linked systems. Emphasis on cell physiology and endocrine, immune, nervous, and reproductive systems. Lecture. (Offered every semester.) 3 credits
HSCI 366 - Human Physiology Part B, Lecture and Laboratory (Same as BIOL 366) Prerequisites, BIOL 204 , CHEM 140 , CHEM	Emphasis on cardiovascular, respiratory, musculoskeletal, urinary, and GI systems. This course includes a lecture and required laboratory component held at different times. (Offered every semester.) 4 credits
HSCI 410 - International Approaches to Health (Same as PCST 310) Prerequisite, health science or peace studies major or peace	Course addresses key factors in planning and implementation of health-related programs, both globally and in domestic cross-cultural settings. Issues addressed: health beliefs and behaviors, sustainability of remedial health practices and impact on mortality and morbidity. Emphasis on analytical thinking and writing. Letter grade. (Offered fall semester.) 3 credits
HSCI 420 - Health and Spirituality	Prerequisite, HSCI 101 The purpose of this course is to familiarize students with how religion and spirituality are present in formally secular hospitals. This course is about the public and not so public forms religion and spirituality take in medical settings, the reasons they take these forms, and the ways staff members act around them in their daily work. Letter grade. (Offered fall semester and interterm.) 3 credits
HSCI 430 - Community Health Equity	Prerequisites, HSCI 101 , health sciences major. Social and environmental inequities (e.g. inequitable access to healthy food) manifest in public health disparities (e.g. obesity and diabetes) in disadvantaged communities. In this context, public health scholars have increasingly advocated that community-based participatory research and community organizing are potent approaches for redressing public health disparities. Thus, this course takes an interdisciplinary approach to developing an understanding of community research and action toward community empowerment and public health equity. Students will learn a broad range of theoretical and methodological approaches to working with community residents and community-based organizations concerned with public health disparities. Letter grade. (Offered fall semester.) 3 credits
HSCI 470 - Health Planning	Prerequisite, HSCI 101 Students will be provided with an understanding of current health care dialogues and how to become a patient-centered health care provider. Students will become familiar with different aspects of planning health care services, study health care disparities in the US, and examine the work of key authors and thinkers surrounding the health care reform act of 2010. Letter grade. (Offered fall semester, alternate years.) 3 credits
HSCI 485 - Aging and Health	Prerequisite, HSCI 101 The purpose of this course is to examine the relationship between growing old and having health problems. Health care economics and health services for older adults will be examined. The course will engage students in exploring social issues and how they relate to aging and health, and examining issues surrounding the end of life as it relates to old age. Letter grade. (Offered spring semester.) 3 credits
HSCI 490 - Independent Internship	Internships give students the opportunity to earn academic credit while gaining practical work experience, an increased understanding of their chosen career field, job skills, self-confidence, and more. Increasingly important in today's competitive job market, internships give graduates an edge when they seek jobs, having had "real-world" experience. Positions are available in various disciplines and are offered year round. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits



HSCI 491 - Student-Faculty Research/Creative Activity	Prerequisite. consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
HSCI 498 - Health Sciences Capstone	Prerequisites, health sciences major, senior standing. A wealth of health sciences research has focused on individual-level risk factors (e.g., exercise and diet) associated with chronic disease (e.g., obesity and cardiovascular disease). However, building on well-established epidemiological traditions concerned with the unequal distribution of health and disease, a growing body of research has shifted to consider the nexus of social and environmental factors and public health. Thus, this course will examine: (1) the relationship between social and environmental conditions and public health, (2) the unequal distribution of social and environmental determinants of health, and (3) health interventions that account for contextual circumstances toward advancing the health of all people and all communities. (Offered spring semester.) 3 credits
HIST 101 - United States History Survey I	A look at all the major themes from 1607 through the Civil War, including the founding of a new nation. Topics include slavery, states' rights, religion, and the beginning of the Westward movement. (Offered every year.) 3 credits
HIST 103 - United States History Survey II	Students study the basic issues of American life, culture, society, and economics from 1865 to the present, while considering such questions as who is an American and how US society has evolved. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
HIST 110 - Western Civilization: From Mesopotamia to the Renaissance	A survey of Western civilization from its beginnings in the river valleys of the Tigris, the Euphrates, and the Nile to the intellectual and artistic glories of the Italian Renaissance. (Offered fall semester.) 3 credits
HIST 112 - Western Civilization: From the Reformation to Modern Times	A survey of Western civilization from the Reformation to the political, social, and intellectual upheavals of the 20th century. (Offered spring semester.) 3 credits
HIST 114 - History and Identity: Irishness and Irish History	This course examines the inter-related but distinct histories of Ireland the place, the Irish people, and the concept of Irishness from the Middle Ages to the present. Themes include the making of Irish nationality, the Irish diaspora, and the tensions between the two. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 125 - LGBTQ America	This course studies LGBTQ History in the United States, focusing on 19th century understandings of sex and gender to queer issues of the 1990s. Topics addressed in the course include: early gay and lesbian subcultures, the Lavender Scare, trans liberation, the AIDS epidemic, and drag ball cultures. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 134 - The Historian as a Sleuth: Crime in 19th-Century Britain	Students will learn not only about crime in 19th-century Britain, but also what history as a discipline is all about and how historians do research, interpret what they have discovered and present their findings. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
HIST 135 - Historian as a Sleuth - Crime in 20th Century United States	Students will investigate crime in 20th-century America and learn how historians do "detective work," interpret what they discover, and present their findings. (Offered fall semester.) 3 credits
HIST 141 - Food in World History	This course surveys food in human history, examining the production, preparation, and consumption of food, and its cultural, political, social, and economic significance. Many issues regarding food will be addressed, including cultural issues such as big-game hunting, issues of cross-cultural transfers involving items such as chocolate and curry, and nutritional concerns that have arisen, for instance, with respect to white bread and high-fructose corn syrup. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 160 - African Voices: African History to 1800	This course explores the history of African civilizations from 16,000 BC through the transformations of the Atlantic slave trade. Topics include how Africans exploited their environments, organized their societies, and built their communities in the face of shifting historical circumstances. (Offered every year.) 3 credits
HIST 179 - Gender, Sexuality, and Power in 19th and 20th Century Africa	Gender is a powerful lens through which to examine Africa's past. Defined as the behaviors, attitudes and roles that society assigns the sexes, gender is one of the principles that has shaped African societies from the earliest times to the present. This course provides a broad introduction to major themes and debates relating to gender in African history. The class will examine how gender has been produced, reproduced and transformed in the lives of African women and men from the latter parts of the nineteenth to the twentieth century. It will highlight African agency and structures of power as we seek to examine gender as a social and historical construct in Africa. The course will also analyze how gender intersects with race, sexuality and politics. Beginning with some of the methodological questions about gender in African history, the case studies, drawn from a range of sources including articles, book chapters, novels and films will cover topics such as domesticity and the colonial encounter, the reconfiguration of gender relations, nationalism and the women's question in African history and sexuality and the state. Letter grade with Pass/No Pass option. With consent, this course may be repeated for credit. (Offered as needed.) 3 credits
HIST 180 - Modern Latin American History	This course examines the development of political institutions, social changes, and interactions throughout the Americas, Latin American-United States relations, racial and cultural issues, and the question of economic development. (Offered every year.) 3 credits
HIST 190 - East Asia History and Popular Culture	This course focuses on China, Japan, and Korea during and after their tumultuous transition to modernity. Using legal documents, memoirs, films, and cultural artifacts, the class will study the development of modern East Asia, empire, war and the globalization of East Asian popular culture. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 192 - History of Modern South Asia	This course introduces students to the history of South Asia since the foundation of the Mughal Empire in 1526. Central themes include the human and geographical diversity of South Asia, its central role in the modern world economy, its experience under British colonialism, and the making and maintenance of caste, national, and gender in the region. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 199 - Individual Study	Prerequisite, consent of instructor. Designed to meet the specific needs of superior students, this course provides students with an in-depth study of a specific area of research. Course content and goals are chosen in conference between the instructor and student. May be repeated for credit with different topic. (Offered as needed.) 1-3 credits
HIST 200 - A History of Sexuality	This course explores sexual behavior and gender relations, including biological, cultural, economic, religious, and political aspects from early hunter-gather societies to the present. (Offered as needed.) 3 credits
HIST 201 - The Rise of World Civilizations	This course covers world history from pre-historic times through the Middle Ages, emphasizing discoveries in paleontology, paleoanthropology, archaeology, the earliest centers of civilizations, the origins of civic culture in Asia and the Mediterranean world, the impact of the great world religions, and the intellectual achievements of the Middle Ages. Cultural and physical geography will be stressed in this course. (Offered as needed.) 3 credits
HIST 202 - Modern World Civilizations	This course covers world cultures from the European Renaissance through the twentieth century, with special emphasis on the Reformation, Scientific Revolution, African kingdoms, India and the Ottoman Empire, the Far East, Western imperialism, and war and conflict in the twentieth century. Cultural and physical geography will be stressed in this course. (Offered as needed.) 3 credits
HIST 205 - Global Environmental History	This course provides worldwide survey of human relationships to environments from the evolution of Homo sapiens to the present. Topics include foraging, pastoral, agricultural, and industrial economies, cultural relationships to nature, the role of nature in race and gender, forestry, mining, pollution, and climate change. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 208 - U.S. - Latin American Relations	This course puts contemporary U.S. - Latin American relations in historical perspective. Readings survey U.S. foreign policy in Latin America dating back to the Independence era, but this historical context is geared towards shedding light on major challenges facing the hemisphere today: immigration, economic development, drugs, security, democratization, and more. Letter grade. (Offered as needed.) 3 credits
HIST 210 - Modern Middle East History (Same as POSC 210)	An introductory course on the history of the modern Middle East and North Africa, beginning in the sixteenth century and running to the present. Students encounter both great ideas and ordinary lives, and gain a conceptual and contextual understanding of current events. (Offered as needed.) 3 credits
HIST 211 - Mother Russia and Uncle Sam During the Cold War: Conflict and Coexistence	This course focuses on the ideology, geopolitics, arms race, diplomacy, and culture of the Cold War. (Offered as needed.) 3 credits
HIST 220 - The Vietnam Wars	A study of Vietnam from the earliest times to early 21st century from five broad approaches: the origins of the Vietnamese people and their civilization, the era of Chinese political and cultural ascendancy, French colonization and Vietnamese nationalism, post-World War II military conflicts with France and the United States, and post-1975 attempts to chart a course to modernization. (Offered every year.) 3 credits
HIST 221 - Native American History: The Struggle to Be Heard	This course surveys the history of the American Indian from contact to the present day. The primary focus will be on the historical experience of Indian people and their struggle to retain their cultural autonomy in the face of the changing world around them. (Offered as needed.) 3 credits
HIST 222 - Apartheid and Resistance in South Africa	This course examines the rise and fall of apartheid, the notorious regime of racial segregation and inequality that ruled South Africa from 1948 to 1994. The class will consider the antecedents of apartheid, its implementation as formal state policy, and popular resistance to the apartheid system. The class will also examine the complex legacies of apartheid and the politics of history and memory that continue to loom in its aftermath. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 223 - The Sixties	This course covers the 1960s era through the early Nixon Administration (1970) with special emphasis on the Civil Rights movement. Topics addressed in the course include: the Cold War, resurgence of the cult of domesticity, the Great Society, the Vietnam War, the evolution of the counter-culture movement, and the Women's Rights movement. (Offered as needed.) 3 credits
HIST 224 - United States Women's History	This course explores the roles that women have played in American history from colonial times until the present. Particular emphasis will be placed on the impediments to their full participation in American society and to the ways that these impediments have been overcome or removed. (Offered every year.) 3 credits
HIST 225 - Colonial American Frontier Conflicts	This course compares multiple case studies of frontier conflict and resolution in Colonial North America between European settlement areas and surrounding Native Americans, focusing on trade, alliances, settler colonies, and warfare. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 228 - African American Historical Experience	This course traces the history of the African American experience from the earliest days of slavery through emancipation, the rise of Jim Crow, the civil rights movement, and the modern era. (Offered as needed.) 3 credits
HIST 229 - Experimental Course	May be repeated for credit with different topic. (Offered as needed.) 1-6 credits
HIST 230 - Chicano/a History and Culture to 1865	This course surveys the historical experience of people of Mexican descent in the "American Southwest" and the formation of Chicano/a identity and culture before 1865. Topics include the pre-Columbian past, the Spanish colonial era, the Mexican national period, the Texas revolution, the U.S.-Mexico War, and the Treaty of Guadalupe-Hidalgo. (Offered yearly.) 3 credits
HIST 231 - Chicano/a History and Culture, 1848-Present	This course surveys the historical experience of people of Mexican descent in the "American Southwest" and the formation of Chicano/a identity and culture in the period after 1848. Topics include the internal dynamics of the community, external struggles, and contemporary concerns. (Offered ever year.) 3 credits
HIST 233 - Disability and American Life	This course will explore the social, political, and economic treatment of people with disabilities in America throughout its history and in contemporary society. The course will examine the changes that have occurred for people with disabilities from World War I to the present, including the rise of the disability rights movement in the 1970s, the effect the Americans with Disabilities Act, and the contributions of disabled writers, artists, and activists. (Offered as needed.) 3 credits
HIST 234 - 3,000 Years of Jewish History	Who are the Jews? This course traces Jewish history from antiquity to the present day. Topics include Babylonian Exile, rabbinical culture, Arab Jews, Hassidism, Holocaust, Zionism, Jewish-Arab conflict. Primary sources include the Bible, Talmud, folk-tales, poems, posters. (Offered every year.) 3 credits
HIST 240 - History of America through Sport	The course will provide a social history of America from the middle of the 19th century through the present day through the lens of sports. The technological advances in transportation and later communication allowed for the development of organized sports which quickly came to reflect the prejudices, aspirations, values and character of the nation. The goals of the course will be to examine major trends in the United States in relation to ethnic and gender relations, economics, technology, and government in order to understand not only the trends as they occurred but also how professional sports reflected and impacted these issues. (Offered fall semester, alternate years.) 3 credits
HIST 250 - Why Africa Matters: African History 1800-Present	This course surveys the people, events, structures, and processes that have shaped the African continent over the past two centuries. Central topics will include African internal dynamics over the 19th century, the imperial partition of Africa, the impact of European colonial rule on African societies and cultures, nationalism and decolonization in the mid-20th century, the Cold War in Africa, and post-colonial trajectories. (Offered every year.) 3 credits
HIST 252 - History and Film	This course presents major themes in world history through the interpretation of films based on historical events such as war, imperialism, and revolution to politics, culture, and technology. Students will critically examine the impact of motion pictures on the interpretation of history. (Offered every year.) 3 credits
HIST 255 - From Kabbalah to Hummus: Jewish History since 1500	This course explores the history of Jewish civilizations from the Early Modern period until the present day. Topics include Jewish mysticism and Hassidic culture, Zionism, migration, Holocaust, ethnic groups, and the Israeli-Palestinian conflict. (Offered as needed.) 3 credits
HIST 256 - Film and American History	This course examines the role of motion pictures and the motion picture industry in American history. Students explore the ways that motion pictures have influenced and transformed American culture, politics, and society in the twentieth century. Particular attention will be paid to Hollywood's 1910-1950 "golden era." (Offered as needed.) 3 credits
HIST 258 - Latin American History Through Film	This course examines major themes in Latin American history through documentary and dramatic films. Important topics include the European-Native American encounter, the Iberian colonial legacy, independence and revolution, Unites States-Latin American relations, and the military's role in the twentieth century politics. (Offered every year.) 3 credits
HIST 260 - Asian History and Film	A study of Asian history from the earliest times to early twenty-first century through motion pictures and documentaries. Topics include Asian-made films which deal with modern themes, and non-Asian productions to introduce and examine the topic of "orientalism." (Offered as needed.) 3 credits
HIST 262 - History of the Samurai	This course explores the evolution of a military society in Japan between 1000-1870. Topics include the evolution of armor, tactics, the military and social organization of the samurai, the status of women, and the political economy across eight centuries. (Offered as needed.) 3 credits
HIST 264 - Empire and War in East Asia: History and Memory	The course explore the lives of the colonizers and colonized who experienced empire and the intricacies of war in East Asia during the 19th and 20th centuries. Also examined are the political implications concerning the memory of empire and war today. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 275 - Iran/Iraq: A Parallel History	An intertwined narrative of Iran and Iraq, beginning with a condensed early history, but concentrating on the 19th-21st centuries. Students look at the interplay of war, politics, culture, and religion, and explore the ancient roots and complex character of both nations. (Offered as needed.) 3 credits
HIST 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
HIST 293 - The Age of Richard Nixon	Explores the life and times of Richard Nixon (1913-1994), from local history, to the international stage, to elder statesman. Includes a discussion of his political impact, cultural legacy, and his achievements and shortcomings. Letter grade. (Offered every year.) 3 credits
HIST 296 - History Seminar	Prerequisites, history major, or minor, and consent of instructor. This course is a seminar that focuses on the critical reading of texts, developing historical arguments, debates among historians, and changing historical interpretations. Course May be repeated once with a different topic. (Offered every semester.) 3 credits
HIST 297 - The Holocaust in History and Film	An introduction to the history of the Holocaust, from initial persecution to the implementation of the Final Solution, including the actions of perpetrators, rescuers, and resisters, the dilemmas facing those targeted for persecution, and major issues in the interpretation and visual representation of the Holocaust. (Offered as needed.) 3 credits
HIST 299 - Individual Study	Prerequisites, freshman, or sophomore standing only and consent of instructor. Designed to meet the specific needs of superior students, this course provides students with an in-depth study of a specific area of research. Course content and goals are chosen in conference between the instructor and student. May be repeated for credit with different topic. (Offered as needed.) 1-6 credits
HIST 300 - Weimar Germany: History and Culture	This course examines the multi-faceted creativity and challenges of the Weimar Republic, from its birth in the aftermath of defeat in the Great War to the destruction of the Republic as a democracy and the rise of the Nazism. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
HIST 301 - U.S. Environmental History	This course will examine the relationship between humans and the environment in the United States, exploring how nature and wilderness factor into American identity and history. (Offered as needed.) 3 credits
HIST 302 - The Classical World: Ancient Greece and Rome	The Classical World: Ancient Greece and Rome is an upper division course designed to acquaint students with a thorough knowledge of the two great foundational civilizations of the western world. Students will study the politics, government, social life and cultural achievements from prehistoric Mycenaean and Minoan cultures through the collapse of the Western Roman Empire (5th-6th centuries, Common Era). Special emphasis in this course will be given to Greek epic poetry, drama, philosophy, early science and the maturation of Athenian democracy. Roman history will be highlighted by examining the birth of western republicanism, class orders, expansion, family life, the rise and fall of Roman imperial rule and the impact of Christianity and the early Latin Church in Western Europe. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
HIST 304 - The Ancient Mediterranean World (Same as REL 304)	This course covers the ancient Mediterranean world with emphasis on prehistory and the cultures of Mesopotamia, Egypt, the Aegean Sea, Greece, and Rome. Special attention is given to the development of democratic and republican institutions, political theory, literature, economics, art and architecture, and diplomacy and war. (Offered every year.) 3 credits
HIST 305 - Daily Life in Modern Europe	How did coffee help the French Revolution? Did Rock 'n' Roll shape the Cold War? This course examines European history through the lens of daily life, using primary sources like posters, comic books, and poems. Topics include the birth of nation states, industrialization, fascism, Cold War, Europe today. (Offered as needed.) 3 credits
HIST 306 - The Middle Ages (Same as REL 306)	This course examines the history of Europe from 500-1500 C.E. through the themes and events that shaped this period. Topics include feudalism, the development of scholastic theology, and the launching of the Crusades. (Offered every year.) 3 credits
HIST 307 - Germany and the Holocaust (Same as REL 307)	3 credits
HIST 308 - Early Modern Europe	This course examines humanism, religious fragmentation, state building, imperialism, secularization, and Enlightenment in the period between the Italian Renaissance and the French Revolution when Europe emerged from the relative obscurity of the Middle Ages to become the world's dominant civilization. (Offered alternate years.) 3 credits
HIST 309 - History of the British Empire	This course traces the history of the British Empire from its origins, through its worldwide expansion, to its sudden but incomplete demise. (Offered as needed.) 3 credits
HIST 310 - Modern Europe	This course traces the tumultuous history of Europe from the Congress of Vienna to the collapse of the Soviet Empire and the rise and fall of European hegemony. (Offered every year.) 3 credits
HIST 311 - Russian History	This course traces the history of Russia and the Soviet Union from the fall of the Romanov Dynasty through the demise of the Soviet government and the creation of the Commonwealth of Independent States. (Offered alternate years.) 3 credits
HIST 312 - History of Spain and Portugal	This course examines the history of the Iberian peninsula from pre-historic times through the modern era. Topics include Roman Iberia, Islamic, and Catholic Spain in the Middle Ages, the Iberian Empires, Spain's decline as a great power, and contemporary Spanish and Portuguese society. (Offered alternate years.) 3 credits
HIST 313 - Modern British History	This course traces the rise and development of British civilization from the glorious revolution of 1688 to the present. Topics include the British Empire, the Industrial Revolution, the development of parliamentary institutions, the changing role of the monarch, Britain in the World Wars, and British foreign relations. (Offered alternative years.) 3 credits
HIST 315 - Archaeology of Ancient Israel (Same as REL 315)	3 credits
HIST 317 - Migration in World History	Why do people move? This courses examines various migrant groups including African slaves, British colonizers, Palestinian refugees, Chinese workers. Students will trace why they moved and how they adapted on arrival. Primary sources include memoirs, songs, laws, interviews. (Offered as needed.) 3 credits
HIST 319 - Israel/Palestine: 3000 Years (Same as PCST 319, POSC 319)	This course provides a long view on the conflict by exploring the historical background and showing the deep roots of both nations. Students encounter the ancient world through archaeology, explore Palestine through the ages, and witness the lives of real people on all sides. (Offered as needed.) 3 credits

HIST 320 - History on Trial: African Struggles for Truth and Justice (Same as PCST 324)	This course examines colonial and postcolonial state violence and the search for historical justice in its aftermath. Through investigation of selected case studies (primarily in Africa), students will explore the diverse ways in which individuals and communities have pursued legal remedy, public apology, and/or reparation for colonial-era massacres and genocide, targeted structural oppression, and counterinsurgencies gone violently awry. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 322 - Global History of U.S. Civil Rights Era and Decolonization 1940s-1980s	This course investigates the relationships between the U.S. Civil Rights and Black Power movements and decolonization in the African Diaspora and Africa, focusing on transnational links, relationships, strategies, and political ties between people of African descent in the Atlantic world between the 1940s and 1980s. (Offered as need.) 3 credits
HIST 324 - African History through Film, Literature and Music	This course explores the relationship between the creative genres of film, literature, and music and the history of colonialism, land and labor struggles, religious change, gender and the family, urbanization, African nationalism, and postcolonial conditions in Sub-Saharan Africa. (Offered as needed.) 3 credits
HIST 325 - Politics of the Contemporary Middle East (Same as POSC 326)	3 credits
HIST 328 - American Colonial History	This course studies the period of American colonial history from the earliest contact between native tribes and Europeans to 1763. Emphasis will be placed on studying the period from multiple perspectives including political, cultural, and economic points of view, and interaction between Indian, European, and African peoples. (Offered as needed.) 3 credits
HIST 328 - Experimental Course	May be repeated for credit with different topic. (Offered as needed.) 1-3 credits
HIST 330 - America and Its Revolution: The Bonfires of Change	Students examine one of the most tumultuous times in American history and analyze and interpret the events that form the foundation of, not only the US system of democracy, but of much of American identity. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HIST 331 - Comparative Revolutions	This course puts revolutions in comparative and historical perspective. By analyzing the American, French, Russian, and Chinese revolutions, the class will explore different scholarly approaches to the subject. And in completing an independent research project, students will ask how revolutions have shaped the modern world. Letter grade. (Offered as needed.) 3 credits
HIST 332 - Slavery, Civil War and Reconstruction	This course examines the institution and experience of slavery, the causes of the Civil War, the roles that generals, politicians, and ordinary citizens played in the conflict, key battles, why the South lost the war, the eradication of slavery, and the incorporation of freedmen into civic life in the postwar period. (Offered every year.) 3 credits
HIST 333 - Images of American History	A picture tells a thousand words, but does it tell the truth? This course investigates the rich and complex catalog of historical images created by documentary photographers over the last 160 years by using historical photography to examine American history from the 1840s to the present. (Offered every year.) 3 credits
HIST 336 - Conflict and Change in America: 1920-1945	Covering the prosperity and cynicism of the Roaring Twenties, the poverty of the Great Depression and the New Deal's response to it, and the violence of the Second World War, this course examines and interprets the culture and politics that shaped this era. (Offered alternate years.) 3 credits
HIST 337 - World War II	A comprehensive review of the great mid-twentieth century catastrophe that consumed the world and forever altered history. Major topics include the diplomatic and economic background and the roles of propaganda, non-combatants, and the home fronts, as well as a wide-ranging review of the military aspects. (Offered as needed.) 3 credits
HIST 338 - America After the War, 1945-1960	This course examines this critical period in American history, which featured the rise of the Cold War and rock and roll. Topics include the American economy, politics, culture, and social structure. (Offered alternate years.) 3 credits
HIST 339 - Immigration, Border Consciousness and the Chicano/a Experience	This course seeks to understand some of the issues that concern the contemporary United States immigrant population, in general, and the Mexican and Central American immigrant population, in specific. The historical experiences of the diverse immigrant populations that created and continue to create the economic and social foundation of the United States will be surveyed, along with the legal steps an immigrant must follow in order to achieve citizenship, in an effort to bring awareness to the contemporary human crisis. This course investigates through art, popular culture, and mass media, the histories of immigration, and the production of transnational identity in the geographic and cultural spaces of the United States. The course will explore immigration policy and its effects on the Chicano/Mexicana/Latino communities, in specific, and U.S. society as a whole. Special attention will be paid to border consciousness and border communities as historical sites of conflict and resistance. (Offered every year.) 3 credits
HIST 340 - American Diplomatic History and Foreign Policy	This course focuses on the origin and development of United States foreign policy. Topics include the role of ideology in foreign policy, economics and foreign affairs, isolationism, American dominance of the Western Hemisphere, and the consequences of increasing international interdependence. (Offered as needed.) 3 credits
HIST 342 - The History of Everyday Life in America: Cooking, Cleaning, Life and Death	History is not just something presidents and Supreme Court justices do; rather, it is something that our ancestors lived in the past. This course takes an interpretive look at how and why many of our most basic rituals and activities have changed over the years. Includes such topics as childbirth and children's games. (Offered alternate years.) 3 credits
HIST 345 - Popular Music, History, and Culture	This course explores the relationship between popular music, world-historical relationships, and the dynamics between the histories of race, gender, sexuality, and class across the twentieth century. (Offered as needed.) 3 credits
HIST 346 - Travel Course: Topics in Historical Tours	An extended tour of another country or countries, or a part of the United States, with a concentrated study of the history and culture of that country or countries, or United States region. May be repeated for credit. (Offered as needed.) 3 credits
HIST 346i - A Tale of Two Cities	The Tale of Two Cities is a famous novel by Charles Dickens about Paris and London at the time of the French Revolution. In this travel/study course by the same name students will spend ten days in each of these two cities during the interterm period. Instructors knowledgeable about these cities will offer tours, museum visits and theatre outings on a regular basis. However, at the center of this course is a self-chosen and self-designed research project that looks at some aspect of the life in and history of London and Paris. Alternatively, History majors can arrange to do research on their Senior Seminar papers. In both cases, students will closely coordinate their research with the faculty member directing the course in each city. Fee: TBD. (Offered interterm.) 3 credits
HIST 349 - 'We Shall Overcome': White Terror, Black Struggle, and American Memory (Same as SOC 349)	3 credits
HIST 352 - Chinese Civilization	A study of China from earliest times to the mid-1990s from five broad perspectives: the composition of the Chinese people, elite thought and behavior, family life, popular culture, and the economy. (Offered every year.) 3 credits
HIST 354 - From Samurai to Pokemon: A Social History of Modern Japan	What did modernity mean for the Japanese people? Topics include the way of the warrior, the fall of feudalism, Westernization, gender, male-male sexuality, epidemics and modern medicine, war, empire, occupation, economic recovery, and the decadent 1980s. (Offered as needed.) 3 credits
HIST 355 - Disease, Power and Sex: Medicine and the Body in East Asia	This course focuses on the effects of disease, medical limitations, and popular practices in East Asia. Cholera, the plague, western medicine, the medicalization of sex, and the relation between science, war, and imperialism are examined to uncover the history of medicine and the body. (Offered as needed.) 3 credits
HIST 357 - History of Jewish Migration	This course explores Jews on the move, from antiquity to the present. Topics include Biblical and medieval migration, Holocaust refugees, migration to New York, Zionism, migration from Iraq. Primary sources include the Bible, letters, posters, websites, films. (Offered spring semester, alternate years.) 3 credits
HIST 358 - Jewish Life from Napoleon to Hitler	What was it like to be Jewish in modern Europe? This course tells the story of Jews in Germany, France, and Italy, from the 19th century to the Holocaust; and how Europeans today mis-remember the Holocaust. Sources include memoirs, laws, artwork, and films. (Offered as needed.) 3 credits
HIST 359 - Elie Wiesel: Life and Works (Same as REL 359)	This course is an intensive study of selected writings by Elie Wiesel, Nobel Peace Prize laureate and Distinguished Presidential Fellow at Chapman University. Readings will include works of fiction and non-fiction. In addition, students will read a brief history of the Holocaust by Doris Bergen and an interpretive work on oral and written memory by Lawrence Langer. (Offered spring semester.) 3 credits
HIST 363 - The Arab World: Colonialism to Revolution (Same as POSC 363)	This course surveys the Arab states of the Middle East and North Africa from Napoleon's invasion in 1798 to the revolutionary turmoil of 2011. Students will explore the unique cultures and character of each region, and specific challenges they face in the transition to modernity. (Offered as needed.) 3 credits
HIST 365 - Topics in the Holocaust (Same as REL 365)	This course examines selected topics within the study of Holocaust history, such as the roles of doctors, theologians, and religion under Hitler, the persecution of non-Jewish groups (including homosexuals and gypsies), and the experiences and choices of perpetrators, victims, and bystanders. Courses that treat different themes may be repeated for credit. (Offered every year.) 3 credits
HIST 365a - Perpetrators, Witnesses, and Rescuers (Same as REL 365a)	Within the context of Nazi Germany, World War II and the Holocaust, this course examines the choices that individuals faced and the decisions that defined them as perpetrators or rescuers. Includes the stories of those who survived the Holocaust to become witnesses to the truth. (Offered every year.) 3 credits
HIST 365b - The Holocaust: Memoirs and Histories	This course explores the complex history of the Holocaust from the perspective of selected memoirs written by survivors and examines the contributions and limitations of memoirs in shaping the historical record. (Offered spring semester, alternate years.) 3 credits
HIST 366 - Capitalism and the Modern World	This course examines the development of modern capitalism from mercantile capitalism to industrial capitalism to postindustrial globalization. Themes include the connection between capitalism and colonialism, imperialism, the Atlantic slave system, the enlightenment, nationalism, the global economy, and environmental consequences. (Offered as needed.) 3 credits
HIST 367 - The Holocaust in Eastern Europe	This course examines the Holocaust in Eastern Europe during World War II, with emphasis on historical events in German-occupied regions of Poland and the Soviet Union. Themes include prewar social and political developments that shaped ethnic relations during wartime. (Offered spring semester, alternate years.) 3 credits
HIST 369 - History of Terrorism in the United States	This course examines the major acts of terrorism in the United States from the American Revolution to the present by critically analyzing the major political, intellectual, economic, and cultural impact of these events. (Offered as needed.) 3 credits
HIST 372 - California History	An in-depth examination of California from its discovery in 1542 to the present. Topics include how the Golden State has changed, the roles of mining, Indians, agriculture, high technology, Japanese-American relations, and the mission system. (Offered every year.) 3 credits
HIST 373 - U.S. Economic History (Same as ECON 373)	3 credits
HIST 374 - European Economic History (Same as ECON 374)	3 credits
HIST 377 - The AIDS Epidemic in the United States	This course traces the history of the AIDS epidemic from the early 1980s when doctors were first baffled by the new disease, through the work of ACT UP activists, to the discovery of effective drug cocktails in the 1990s. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
This course is intended to provide both an introduction to queer theory, as well as to engage with the question of its relevance	(Offered as needed.) 3 credits
HIST 388 - Technology and the Media in the United States	This course considers the impact of technology change on the United States from the Industrial Revolution to the Computer Age. Topics include the role of the media and mass communications in economic and political change, the shaping of utopian visions, gender relations, and the West's relationship with the non-Western world. (Offered every year.) 3 credits
HIST 392 - Pre-Columbian and Colonial Latin America	This course covers the Native American-European encounter of the early 16th century and colonial control and establishment of European institutions in Latin America. Topics include politics, the economy, diplomatic and military affairs, and the intellectual life of the colonies. (Offered as needed.) 3 credits
HIST 393 - White House Tapes from FDR to Nixon	Prerequisite, sophomore standing or consent of instructor or chair. Explores the secret recordings of Franklin D. Roosevelt (1940) through Richard Nixon (1973). Includes their origins and endings, historical placement, proper interpretation, and using them in applied historical research. Letter grade. (Offered every year.) 3 credits
HIST 396 - Mexican History	History of Mexico from colonial times to the present with emphasis on politics, racial relations and slavery, culture, the economy, the Russian Revolution and relations with the United States. Letter grade with Pass/No Pass option. (Offered spring semester, alternate years.) 3 credits
HIST 396 - Mexican History	History of Mexico from colonial times to the present with emphasis on politics, racial relations and slavery, culture, the economy, the Russian Revolution and relations with the United States. Letter grade with Pass/No Pass option. (Offered spring semester, alternate years.) 3 credits
HIST 398 - The Historian's Craft	Prerequisite, HIST 296, or consent of instructor. This course introduces students to the philosophy of history and historical thought, historical methodology, and the craft of doing history. (Offered spring semester.) 3 credits
HIST 399 - Individual Study and Research	Prerequisite, consent of instructor. Designed to meet the specific needs of superior students, this course provides students with an in-depth study of a specific area of research. Course content and goals are chosen in conference between the instructor and student. May be repeated for credit with different topic. (Offered as needed.) 1-6 credits
HIST 490 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit with different topic. (Offered as needed.) ½-6 credits
HIST 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
HIST 495 - Holocaust Minor Research Seminar	Prerequisites, holocaust minor, consent of instructor. This course is an intensive research course for junior and senior Holocaust history minors culminating in a major, original research project that serves as a capstone project for the minor. (Offered as needed.) 3 credits
HIST 496 - Advanced Research Thesis I	Prerequisites, HIST 398, history major, consent of instructor. Students will design and research an advanced research thesis. (Offered fall semester.) 3 credits
HIST 498 - Advanced Research Thesis II	Prerequisites, HIST 496, history major. Students will write, revise, and present an advanced research thesis. (Offered spring semester.) 3 credits
HIST 499 - Individual Study	Prerequisite, consent of instructor. Designed to meet the specific needs of superior students, this course provides students with an in-depth study of a specific area of research. Course content and goals are chosen in conference between the instructor and student. May be repeated for credit with different topic. (Offered as needed.) ½-6 credits
HON 202 - On Being Ethical in the World	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course surveys the history of ethics, with particular attention to the history of philosophical approaches to ethics as well as to the process of moral decision-making in major religious traditions. These philosophical and religious perspectives are then critically examined in light of some contemporary moral problems. Among the moral problems considered are abortion, euthanasia, capital punishment, sexuality and marriage, the moral status of animals, and the environment. (Offered as needed.) 3 credits
HON 206 - In Search of Reality: Media, Self and Society	Prerequisite, acceptance to the University Honors Program or consent of instructor. This course will be a critical exploration - on both the "objective" and the "personal" level - of the phenomenon conventionally labeled "mass media," an examination of the origin, history and functions of "mass media" and its pervasive effects on viewers social life and "private" mental life. What social conditions brought about the phenomena of "mass media"? How do the media, in turn, shape the texture of experiences of social reality and social history? How much of people's version of reality has been shaped, molded and tailored by the media? It would seem that it is not until an event, principle, movement, institution, etc. crosses the media threshold or media membrane that it takes on a solid, legitimate and confirmed reality today. Is the function of mass media to inform, educate, and enlighten or rather to deform and darken, to train people to become more and more unaware of how people are actually living their lives, more and more actively ignorant? How does the mass media mix with and permeate the textures of our intimate experiences of who people are and how people are? This course hopes to develop a keen media awareness that will help students live mindfully and skillfully with the media in this world, instead of unconsciously living in the world of the media. In reference to the great historical transformation, tectonic shift, from the print age to the electronic age, students will inquire into how the medium of Gutenberg's typographic print influenced their frames of reference towards "knowledge" "truth" and "reality"? This course will ask, are TV, the Internet, the Social Media Platforms a neutral technology - like viewing the electric light bulb - or are they actually more of a collective, hypnotic force and organized technique of social control, a la Huxley's Brave New World, or Orwell's 1984, or the Wachowski's The Matrix? Etc. What does the acquired practice called "watching television" (or "reading the newspaper", or "listening to the radio" "surfing social media") actually, phenomenologically, consist of? Do newspapers simply "report" how things are, or do they perhaps function more to promote an ontology of the social world and a disguised form of further entertainment, further distraction? Can people justifiably say that the primary role of the media is to serve as a delivery system for advertisers? How has advertising effected, infected and infested the view of each person? How has the media impacted the experience of political democracy? Letter grade. (Offered as needed.) 3 credits
HON 207 - Darwin's Evolutionary Theory: The Science and the Controversy	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course will address the topic Darwin's theory of evolution by natural selection and its place in scientific thought, and explore the controversy surrounding it for many in the general public. We will explore the options for finding comfort with both the science of evolution and one's personal religious beliefs. (Offered as needed.) 3 credits
HON 209 - Death, Self and Society	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Students participate in an interdisciplinary investigation of death, dying, and the grieving process. Topics include: The American way of death as a social institution, dying as a psychological process, how society conditions us to deny death and repress grief, how students relate to their own death, and the death of significant others. (Offered as needed.) 3 credits
HON 210 - Monsters and Monstrosities	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Using an interdisciplinary approach, we will investigate and interpret the stories we construct about ourselves and the Other by exploring works from east/west involving the vampire, the specter, and the witch. We will particularly focus on cultural, literary, and political representations from various periods and locations. (Offered as needed.) 3 credits
HON 216 - Twilight of the Gods	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course examines the history of thought on agnosticism, atheism, and skepticism by studying a selection of classical writings from some of the most celebrated thinkers in the West - from Lucretius to Carl Sagan. (Offered as needed.) 3 credits
HON 218 - Social Movement in the Sixties	Prerequisite, acceptance to the University Honors Program. Through film, literature and direct commune-experimentation this course will be a fresh look, with beginner's eyes, at the 60's: that most outrageous decade, that most idealized and despised decade, that most creative and anarchic decade. The course is structured around Theodore Roszak's The Making of a Counter-Culture and the PBS 6-part documentary Making Sense of the 60s. We will examine the cultural trance we are caught up in, in reference to social movements and social change. As a culture, our definition of social change has been deeply inhabited by a belief in progress, achievement, betterment. Change was progress, especially economic and technical progress. The social movements of the 60's counter-culture contested that concept of social change and have provoked a change in our concept of social change itself. We will be looking at social movements and social change on a personal, societal, and global-planetary level. We will be examining our values in reference to change and in reference to politics, democracy and freedom-particularly whether those values come consciously out of our understanding or unconsciously out of our conditioning. We will contrast the movements and forces at work in the 60's youth with the movements and forces at work in today's youth. Education is a journey, not a destination, hence students will be highly encouraged to integrate their formal book reading with their direct, personal, on-the-spot life experiences. There will be various "explorments" and "exercises" designed to provoke us into doing sociology rather than merely learning about it. Our dominant, established educational tradition is that your acquire knowledge through collecting stuff and knowing it-especially for exams. We will attempt to contest the authority of that tradition and celebrate thinking, experiencing, and creating rather than collecting, memorizing, and grading. (Offered as needed.) 3 credits
HON 222 - Honors Composition: Rhetorical Agency Across Genres	Prerequisite, acceptance to University Honors Program, or consent of instructor. Honors Composition prepares students to write effectively in response to on-going academic discussions in a number of different genres. This class is about writers learning to "situate" themselves in relation to texts and ideas, learning to analyze for rhetorical effect, and writing through those processes. (Offered as needed.) 3 credits
HON 224 - Shakespeare, Race, Ethnicity	Prerequisite, acceptance to the University Honors Program or consent of instructor. Several of Shakespeare's plays focus on characters who are marked as racially or ethnically different. In this class, students will use these plays as both a lens and a mirror to contemplate the origin, impact, and operation of racial/ethnic othering, with an eye to both minority and majority parties. Reading of the plays will be supplemented by film and stage productions, literary criticism, early modern cultural history, contemporary social science research, and first-person accounts. Letter grade. (Offered as needed.) 3 credits
HON 238 - The Power of Storytelling: Narrative Theory and Practice	Prerequisite, acceptance to the University Honors Program or consent of instructor and Honors Director. A distinctly human endeavor, storytelling can serve many purposes: interpreting past and present, projecting a future, encouraging empathy, providing testimony, giving voice to individual realities, and more. Through the composition of personalized writing projects that are critical and creative and through the analysis of narrative use in various genres and texts of established authors, students explore the humanistic value and rhetorical effect of storytelling in their own work and the works of others. This writing seminar will focus on the structure and function of narrative and its conventions, the persuasive use of narrators and narration, and the implications of interpretation and adaptation across media. Letter grade. (Offered as needed.) 3 credits



HON 240 - Anime and War	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Japanese animation or anime has become much more popular in the United States over the last three decades, and today Japan state policy sees the medium as an important "cultural asset." However anime is not new, nor is it a medium exclusive to Japan. One might even argue that many technologies of visual animation pre-date its live-action cinematic cousin. As Paul Virilio and others have argued, the history of both animated and live-action film are intimately related to the parallel histories of 20th century warfare. This course will trace the development of mid- and late-20th century Japanese animated films in terms of their relationship to war. Analyzing Japanese films on historical, narrative, diegetic, and formal levels, we will consider relations among image production and viewing, in terms of economic, cultural, social, and political parameters. Readings will include classic theoretical texts on war and cinema, as well as more recent historical and sociological readings specific to Japanese and Pacific contexts. This course will focus upon the following four sub-units: 1) "animation theory and modern Japanese visual history 2) the Pacific War and politics of memory 3) the Cold War, ideological alliances, and cultural-economic empires and lastly 4) animated projections and the War on Terror.  ** * (Offered as needed.) 3 credits
HON 242 - Beyoncé, Madonna, Nina Simone	Prerequisite, acceptance to the University Honors Program, or consent of instructor. In a New York Times conversation following Beyoncé's explosive 2016 Superbowl performance, critic Wesley Morris suggested that Beyoncé "lands somewhere between" Madonna and Nina Simone. This course brings these three artists from different generations together, situating their work historically, within contemporary critical discussions around race/gender/sexuality and cultural appropriation, and in dialogue with one another. The course offers a cultural studies-based examination of the work of the three artists; our method is not primarily sociological or biographical, though relevant biographical and sociological evidence may inform our analysis. We listen to the music of the three artists, watch their music videos, and read scholarship in critical race studies and feminist cultural criticism. Students develop collaborative oral presentations on each of the three artists and a final critical or creative mashup or disentangling of Beyoncé/Madonna/Nina Simone. Discussion-based seminar. (Offered as needed.) 3 credits
HON 254 - Symmetry	Prerequisite, acceptance to the University Honors Program. Symmetry is everywhere. The human fascination with it originates from our observations of the natural world where symmetric forms appear abundantly. Nature's symmetries range from very simple to extremely complex, from very concrete to very abstract, and they extend over scales ranging from subatomic to cosmological distances. For millennia symmetric forms have inspired artists, architects, musicians and scientists. Artists have explored symmetries of the natural world and the human body to create masterpieces that look harmonious and appeal to our senses of beauty, harmony and perfection. Observing symmetries in nature and developing their own symmetric standards, architects have learned to design beautiful buildings and ornamental art. Ancient Greeks associated rhythm, harmony and patterns in music with periodicity and variations of forms in mathematics. In more recent developments symmetry emerged as one of the deepest ideas of modern mathematics and science responsible for our significant advancement in understanding the world. In this course we will explore historical origins of symmetry and its wide applications by examining how the quest to understand symmetry leads to beautiful science describing the beautiful natural world. We will also briefly mention entertaining aspects of symmetry and demonstrate its use in games and puzzles, mostly in Rubik's Cube and mathematical tricks with playing cards. (Offered as needed.) 3 credits
HON 255 - Serving to Learn: Learning to Serve	This course serves as an introduction to service and cross-cultural engagement, and is heavily based in classroom discussion and local, external civic opportunities. Learning takes place in the context of supportive communal activity and self-awareness. This course aims to foster global citizenship and academic, political, and social diversity within the University Honors Program. At least three community service trips/events are required for this course. (Offered as needed.) 1 credit
HON 266 - Sound and Spirit	Prerequisite, admission to the University Honors Program. This course will explore the relationship of music and spirituality focusing on important questions: What is the unique quality of music that makes it the art form most essential to transcendent experience? How have different religions used music to achieve transcendence and express the divine? How are significant works in the western classical canon related to their roots in communal spiritual practice? And how do non-western traditions articulate the music / spirituality connection? The course will consider major works of the western classical tradition that span over 250 years and reflect different approaches to this relationship. We will also engage in experiential learning, as students engage with music in various spiritual contexts. Each week we will engage in one of Pauline Oliveros's Sonic Meditations (1974) - a way of connecting to each other and more deeply with the musical experience as well as critiquing conventional religious practices. Additionally, students will attend a musical event and make a class presentation. (Offered as needed.) 3 credits
HON 275 - Thinking and Risk Taking from Outside the Box	Prerequisite, acceptance to the University Honors Program. An introduction to advanced-level critical inquiry, on thinking outside the box, challenging the status quo, evaluating preconceived ideas, risk taking, and dealing with failure using scientific concepts and examples. P/NP. (Offered as needed.) 3 credits
HON 277 - Game of Thrones: Beyond the Wall	Prerequisite, acceptance to the University Honors Program. This course situates George R.R. Martin's Game of Thrones in contemporary dialogues about, multiple perspectives of, and various theoretical approaches to the literary, the visual, the political, and the historical. (Offered as needed.) 3 credits
HON 280 - Honors Forum	Prerequisite, acceptance to the University Honors Program. The Honors Forum meets three times a week to familiarize students with the academic and civic dimensions of the University Honors Program. 1. The academic component of Honors Forum introduces the Honors topic, and theories on the civic responsibility of citizenship. 2. The civic component of Honors Forum introduces not only theories regarding civic responsibility but also opportunities for practical application of those theories through engagement in efforts to address different needs in our local community. (Offered every semester.) 3 credits
HON 282 - Evolution, Morality, and Ethics	Prerequisite, acceptance to the University Honors Program. This course challenges the current and common belief that morality and ethics remains purely in the realm of theology, philosophy, and metaphysics. Morality and ethics are not only woven into the very fabric of life, they are also, in part, a product of evolution itself. The topics of evolutionary biology, evolutionary ethics, and different social and political systems and theories will be considered concurrently with the ethical theories of Divine Command Theory (Augustine), Deontology (Kant), Moral Emotions/Sentiments (Hume and Smith), Utilitarianism (Bentham and Mills), Virtue Ethics (Aristotle), Egoism (Rand), Ethical Relativism (Benedict), and Social Contract Theory (Rawls), in light of recent developments that attempt to integrate facts and values, science and ethics. (Offered as needed.) 3 credits
HON 286 - Origins	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Where did the universe come from? Why complexity? How did life originate? Was life inevitable? How does evolution work? Why did humans evolve? Were we inevitable? This is an honors class for students of all disciplines, science and non-science majors. It is a class that will explore origins at a reductionist scientific perspective, as well as from a philosophical perspective. P/NP. (Offered as needed.) 3 credits
HON 288 - Close Reading	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course focuses on small and subtle elements in a wide range of texts. Specific texts vary by semester but generally include a mix of visual images, television commercials, music videos, short films, short stories, op-ed pieces, stageplays, and feature-length films. In considering all of these texts, the objective is to delve into the details, observing and analyzing aspects of the text that often go unnoticed and unexamined. (Offered as needed.) 3 credits
HON 292 - The Art of Revenge	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course focuses on representations of revenge from classical antiquity to contemporary times. Specific texts vary by semester but typically include a mixture of stageplays, short stories, short films, and feature-length films, along with contextualizing religious writings and philosophical treatises. Our objective in considering these texts will be to analyze the ethical and aesthetic "grammar" of revenge. In other words, how do various authors and directors tell revenge stories in such a way as to shape, satisfy, modify, and/or confound our notions of right and wrong, offense and punishment, and justice and mercy? (Offered as needed.) 3 credits
HON 302 - Witnessing the World: The Art of Travel Writing	Prerequisite, acceptance to the University Honors Program or consent of instructor and Honors Director. Marcel Proust once said, "The real voyage of discovery consists not in seeking new landscapes but in having new eyes." Why do people desire travel? Can journeys of the imagination be as satisfying as firsthand travel experiences? Can traveling around a neighborhood stimulate us as much as trips to other continents? In this course, characterized as both a writer's workshop and a Socratic seminar, students examine the stages of travel from anticipation to return and uncover motivations behind the desire to witness the world and then write about it. Students analyze, according to artistic style, cultural bias and rhetorical impact, celebrated and representative examples of travel literature and media as well as create their own original travel writings. Letter grade. (Offered as needed.) 3 credits
HON 305 - Antigone and I	Prerequisite, acceptance to the University Honors Program. This course is structured as a series of seminars and takes both a theoretical and a practical approach to Antigone. It aims to survey Sophocles' masterpiece through the ages and starts with a script analysis, the basis of which is Socrates' famous quotation, "Al I know is that I know nothing." In today's changing world, it is more vital than ever that both young artists and individuals build emerging voices that are strong, critical, inspiring, and confident. "Antigone and I" aims for students to achieve just this as they become more familiar with a holistic process that is not just plainly intellectual, but one that evokes the senses, emotions, and instincts that will aid in a meaningfully exploration of the inner connections in the play. And then, when the understanding of the play increases, to bring the insight gained so as to not only live authentically but also to bring that understanding to personal creative expression be it through acting, telling a story, or directing a play or a film. In addition to its focus on strengthening students' ability to analyze Antigone and interpret it in the light of past, present and possible future criticism, the course will also assist in helping students develop their awareness of the political dimension within an artistic work and the power of the message with it. Above all, students will gain not only a powerful insight and understanding of the Sophocles' play but attain both the theoretical and practical tools to become wise observers, inspiring thinkers, fulfilled artists and successful professionals. Letter grade. (Offered as needed.) 3 credits
HON 307 - Topics in the Great Operas of the Western Tradition	Prerequisites, acceptance to the University Honors Program, or consent of instructor. An exploration of both the literary and the musical traditions of the finest operas written in western tradition (Italian, German, French and American) and their relationship to other literary genres and performing arts. Class will feature performances by invited faculty and students and field trip(s) to LA Opera. Class may be repeated for credit up to 6 credits, as the topic and operas covered will change each time it is offered. (Offered as needed.) 3 credits
HON 308 - Consciousness and Cognition	Prerequisite, acceptance to the University Honors Program. How is it possible that in a universe made of mindless atoms following physical laws, some of those atoms have the capacity to produce a first-person, subjective, conscious experience of the world? How can a hunk of brain matter produce an "inner life" of thoughts, perceptions, and "Feelings"? In short, how does mindless matter become mind? The existence of consciousness is a profound scientific mystery and our inability to explain it is arguably the biggest gap in our scientific understanding of reality. This course will focus on the problem of consciousness from the perspective of philosophy of mind, philosophy of science, cognitive neuroscience, cognitive science, and artificial intelligence. The course will be organized around the following major questions from each discipline. Philosophy: What is consciousness, and what is the problem? Can our current laws of physics account for consciousness? What would a scientific explanation of consciousness entail? Cognitive Neuroscience: How does consciousness emerge from non-conscious matter? How do my conscious cognitive experiences of thinking, feeling, remembering and perceiving relate to the physical processes going on in my nervous system? Cognitive Science: Are all cognitive processes conscious? Artificial Intelligence: Can computers be conscious? What would it take for a machine to be conscious? Get ready for an adventure as we attempt to understand the single most shocking and amazing feature of the universe! Come along for the ride as we use our consciousness to understand consciousness (how meta). "The almighty human brain: the only hunk of matter in the universe that can reflect upon its own existence." –Me. * (Offered as needed.) 3 credits
HON 310 - Experiencing Forms and Colors: Goethe's Approach to Science	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Is it possible to imagine a science that has subjective experience at its core, that acknowledges the primacy of daily experiences as mediated by the senses, all along without denying its own rigor, objectivity and predictive power? In this course we will attempt to find answers to these questions by taking Johann Wolfgang von Goethe's scientific work as a starting point. (Offered as needed.) 3 credits
HON 311 - Ethnicity, Race and Nationalism	Prerequisite, acceptance to the University Honors Program, or consent of instructor. All around us we see the rising tide of ethnic, racial, and national conflicts. From terrorist acts in New York City to war in Afghanistan, Bosnia, and Rwanda, we see people divided along ethnic, religious, and national identities. Is this inevitable? What are the possible causes and consequences of these conflicts? We will explore what we mean by identity and its various representations such as ethnic, religious, and national identities today. (Offered as needed.) 3 credits
HON 313 - Golden Opportunities: Immigration and the Arts in Southern California, 1900-1950	Prerequisite, acceptance to University Honors Program. Artists and intellectuals converged on southern California from all directions in the first half of the 20th century. Initially drawn by the landscape, the climate, and the promise of economic opportunity, and soon joined by refugees from oppression and war in Europe, they discovered a human landscape already rich with social and ethnic diversity. The resulting convergence of personalities and perspectives shaped an environment of cultural innovation, replete with challenges to received notions about modernity vs. tradition and elitism vs. populism. By midcentury, many of the immigrants had left, but their legacy still resonates today. This course will consider those who were here, those who came, and how their interactions changed the world. (Offered as needed.) 3 credits
HON 314 - Dante's Afterlife	Prerequisite, acceptance to the University Honors Program. This course is devoted to one of the most fascinating and influential masterpieces of Western literature, Dante Alighieri's Divine Comedy. Dante's poem relates one man's journey from the dark wood of error to the vision of truth, but readers do not only observe the pilgrim's journey through the afterlife, they participate in it as well. They encounter questions about the nature of evil, the possibility for spiritual improvement, and the experience of true happiness, and discover surprising parallels with their own time. While situating Dante's work within the intellectual and social context of the late Middle Ages, the course also challenges students to recognize Dante's presence in modern and contemporary global culture and mediascape. (Offered as needed.) 3 credits
HON 315 - Power and Imagination in the Italian Renaissance	Prerequisite, acceptance to the University Honors Program. The European Renaissance marked a time of a heightened quest for truth in different fields and of a conscious and deliberate attempt to change the way people thought and acted in the world. During this revolutionary period, Italy served as the crucible for the formation of new ideals as well as a new understanding of the role the intellectual artist should play in society. Considering class, gender, and religious differences. By analyzing and contextualizing a variety of representative texts-including poetry, visual arts, and scientific and political treatises-students will examine the complex relationship between art, imagination and power dynamics. The emphasis will focus upon epoch-making thinkers and artists, including Machiavelli, Da Vinci, Michelangelo, and Galileo. Letter grade. (Offered as needed.) 3 credits
HON 317 - Visual Literacy in a Generation of Visible Surplus: Its Theory, Practice and Applications	Prerequisite, acceptance to the University Honors Program, or consent of instructor. The generation of online social networking, competitive commerce, instantaneous global and local media, and excessive visual diversion is changing the way we filter, access, and understand the world around us. This course will explore the histories, theories, and strategies of visual literacy and apply them to personal experience as well as professional case studies, including business, social, political, and cultural applications. (Offered as needed.) 3 credits
HON 319 - Dinosaurs: In Science and Media	Prerequisite, acceptance to the University Honors Program, or consent of University Honors Program Director. This course will address the topic of dinosaurs from the perspectives of science and media. The scientific perspective will include how dinosaur remains are found, studied, and interpreted while the media perspective will focus on how dinosaurs are depicted in media as well as how dinosaur science was integrated into the Jurassic Park franchise movies. Students will write an article and a short script. P/NP. (Offered as needed.) 3 credits
HON 326 - Writing Food Culture	Prerequisite, acceptance to the University Honors Program. Food is increasingly surfacing to the foreground of cultural studies and various modes of writing and activism as an especially multifaceted and vital theme intersecting crucial issues of identity, culture, and environment. This course focuses on food writing across multiple genres of expression and its evolution over time across media and national borders. In response to their engagement with significant texts related to food, its production and consumption, students will compose creative and critical writing projects. Discussion-based seminar and writing workshop. Letter grade. (Offered as needed.) 3 credits
HON 328 - Elder Law and Juvenile Law	Prerequisite, acceptance to the University Honors Program or consent of instructor and Honors Director. Elder Law and Juvenile Law concerns legal issues involving the rights and needs of children and the elderly. Finance, physical, and mental health matters are central in the study of elder law but any issue which impacts a child or an elder's quality of life is included. In this course students will study the various issues and laws which confront children and the elderly, and compare and contrast how the law impacts these two groups. Letter grade. (Offered as needed.) 3 credits
HON 329 - Experimental Course	Prerequisite, acceptance to the University Honors Program or consent of instructor. Honors experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-3 credits
HON 330 - Bodies Under Construction	Prerequisite, acceptance to the University Honors Program. Often times, the body is an object that is taken for granted. What does it mean to have a body? This course will explore ways in which society and culture construct the body. Students will explore questions involving the classic Cartesian "mind-body" problem and literature exploring the "lived" experience of the body. They will then move into constructivist perspectives that explore how bodies as symbolic and disciplinary objects. After establishing several frameworks for how bodies are socially constructed, they will then explore how the body is a politicized object that intersects with various sites of power, including racism, sexism, and other forms of inequality. Students will then examine how the bodies is actively (re)constructed in various arenas. They will consider the following questions: To what extent are bodies culturally constructed? How does each researcher conceptualize the body? What is the role of biology in shaping the body? What are biological constraints and possibilities when exploring the body? How does power intersect with the body? Do some bodies matter more than other bodies? Letter grade. (Offered as needed.) 3 credits
HON 335 - The Enigma of Being Awake: Zen Buddhism	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course will involve a three-part study: 1) "we will explore the history of Buddhism in general and Zen Buddhism in particular, 2) "we will investigate the central concept of anatta, along with attendant Buddhist concepts and critically examine the Zen claim of immediacy, and 3) we will experimentally engage in drama practices employed by Zen. ** ** * (Offered as needed.) 3 credits
HON 338 - ThanaTourism: Traveling the "Dark Side"	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Using an interdisciplinary approach, we will focus on diverse travel narratives, literary works, and theoretical approaches to investigate the increasing allure of various tourist and historical sites that are associated with collective traumas and that raise questions about memory, commemoration, and exploitation. (Offered as needed.) 3 credits
HON 344 - Illustrating History/the World: Graphic Memoirs, Novels, and Reportage	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Using an interdisciplinary approach, this course will explore the ways in which history and culture, the "Other" and the "Self," are conveyed and/or challenged through visual texts, such as graphic memoirs, novels, and reportage. We will examine the relationship between text and image as well as the efficacy of representing individual and collective histories and experiences in "comic" form. (Offered as needed.) 3 credits
HON 345 - Immigration and Refugee Law and Policy	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Immigration and Refugee Law and Policy explores the causes and effects of illegal immigration, legal responses to immigration, challenges faced by immigrant communities, challenges faced by states and localities with high immigrant populations, the development and implementation of refugee law, and human trafficking. (Offered as needed.) 3 credits
HON 347 - Listening to Time: Area Studies in Ethnomusicology	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course examines various musical traditions from non-western cultures. Topics are approached with an emphasis on the sociohistorical climate at the time of each tradition's inception and throughout the path of its evolution. (Offered as needed.) 3 credits
HON 354 - Origin and Evolution of the Universe and Life	Prerequisite, acceptance to the University Honors Program. This course will cover the modern scientific understanding of the origin and evolution of the universe and life, beginning with the Big Bang and ending with the evolution of life on earth and the possibilities for life on exoplanets. We will cover the history and evolution of the universe from a fraction of a second to the present day and to its possible futures as governed by physical laws ascertained through the scientific method. We will discuss the creation of matter and the elements through Big Bang nucleosynthesis and stellar nucleosynthesis and characterize the evolution of large scale structures including planets, stars and galaxies. We will describe the evolution of our understanding of the concept of space and time, highlighting Einstein's Special and General Relativity and its implications on the fundamental nature of space-time and the recent experimental evidence. We will then proceed to build the earth, characterizing its geological evolution and the concomitant emergence of life and its evolution into the sentient beings capable of understanding the universe to the degree that it can modify its own evolution. This course is the story of our existence and the evolution of our understanding of physical reality through scientific rationalism. This course will require a qualitative and quantitative understanding utilizing basic math skills that will be reviewed during the course though a conceptual understanding will be emphasized. (Offered as needed.) 3 credits
HON 359 - Fundamentals of Deductive and Inductive Logic	Prerequisite, acceptance to the University Honors Program, or consent of instructor. A study of methods to distinguish good and bad reasoning. Students will learn how to "translate" natural language arguments into formal languages of sentential and predicate logic, to construct proofs in the language, and to understand the semantics (or model theory) for the language. (Offered as needed.) 3 credits
HON 360 - Performing Americas: Celebrating American Identities	Prerequisite, acceptance to the University Honors Program, or consent of instructor. As a public platform, the stage has long been a site for expressing or challenging individual, national, or group identities. Students will examine primary materials including plays, novels, vaudeville, minstrelsy, and circus entertainments from the nineteenth century, in conjunction with multidisciplinary critical and theoretical scholarship, to develop an understanding of the history of U.S. performance as a tool for political and social agency. (Offered as needed.) 3 credits
HON 362 - Philosophical Themes in the Films of Ingmar Bergman	Prerequisite, acceptance into the University Honors Program, or consent of instructor. The films of Ingmar Bergman offer a range of jumping-off points for some traditional debates in philosophy in areas such as the philosophy of religion, ethics, and value theory more broadly. Bergman's oeuvre also offers an entry point for a critical examination of existentialism. This course will investigate some of the philosophical questions posed and positions raised in these films within an auteurist framework. We will also examine the legitimacy of the auteurist framework for film criticism and the representational capacity of film for presenting philosophical arguments. (Offered as needed.) 3 credits

HON 363 - The Castaway Narrative in World Literature	Prerequisite, acceptance to the University Honors Program, or consent of instructor. While stories of drift and survival at sea are certainly as old as humanity's first attempts to float, the literary and cultural form of castaway narrative has its own history that is tied directly to the world-historical conditions of trans-oceanic travel and the accompanying geo-political relations between colony and colonizer. It is therefore possible to also see the castaway narrative, not as simply the result of any national cultural development, but instead a literary form that emerges simultaneously in various sites of cultural production. From a historical perspective, we might argue that the castaway narrative emerges throughout the globe at the very moment that circumnavigation is made possible and thus can be read an important transnational literary form in which competing ideas and visions of the newly imagined world are proposed and contested. As such, these stories of survival at sea, tend to also be fascinating ideological texts that allow us to see the interplay between concrete world historical conditions and more abstract categories of language, geography, ethnography, race, gender, and national identity. (Offered as needed.) 3 credits
HON 364 - Biology in Media and Reality	Prerequisite, acceptance to the University Honors Program, or consent of instructor. An introduction to advanced-level critical inquiry, focusing on basic understanding of biological principles and how they are depicted in news and media. (Offered as needed.) 3 credits
HON 367 - Pythagoras Revisited: A Quest for Interior Precision	Prerequisite, acceptance to the University Honors Program. Can precision and quantitative reasoning be integral parts of spirituality and introspection? How do we express a contemplative experience that does not renounce to exacting discrimination of inner and outer phenomena? In this course we will move at the intersection of mathematics, literature, philosophy and religion, to find possible answers to these questions. (Offered as needed.) 3 credits
HON 369 - Select Contemporary Problems: Religion and Politics	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Examination of current issues involving the interaction and conflict of religious beliefs and practices with the political process. Topics addressed include, but are not limited to: gay marriage, physician assisted suicide and religious expression and practice in the context of school, government or public settings. (Offered as needed.) 3 credits
HON 371 - The World of Fellini's Cinema	Prerequisite, acceptance to the University Honors Program or consent of instructor. Federico Fellini, Italy's greatest film director, was voted in 1992 as the most important film director in the history of the cinema by 100 directors and people in the industry (edging out Orson Welles); and, in a parallel vote on the best films during the same year, two of Fellini's-La strada and 8½- were selected for a list of the best 10 films ever made. More recently, Martin Scorsese stated that Fellini is "a good place to start" in the attempt "to refine our notions of what cinema is and what it isn't." This course investigates the nature, development, and impact of Fellini's artistic career, taken within its cultural and intellectual contexts. It will explore how a personal vision, even a poetic and intimate perspective, can become a groundbreaking career in the world of entertainment. Coursework entails the screening of Fellini's oeuvre, collaborative and creative projects based on unrealized scripts, and the investigation of Fellini's influence in global culture. Letter grade. (Offered as needed.) 3 credits
HON 373 - The Puppet Metaphor Across Media	Prerequisite, acceptance to the University Honors Program or consent of instructor and Honors Director. What is a puppet? What is its cultural history? Beyond the stage, how does the puppet enter people's lives and global popular culture? There are few artistic creations as intriguing, graceful and unsettling, and as revelatory of human nature, as the puppet. The course will begin with the exploration of the many manifestations of world puppetry and then move to a study of the most salient and memorable puppet images contained in literary, cinematic and other artistic texts. Seminar coursework includes collaborations, discussions and individualized projects. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
HON 374 - Philosophy of Science: Interdisciplinary Applications	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Through a chronological review of contemporary philosophical positions, students will critique the social construction of science. In the problem-based intellectual engagement, students will explore how science is practiced and how scientific progress is attained in different fields. (Offered as needed.) 3 credits
HON 376 - Sustainability in an Unsustainably Structured World	Prerequisite, acceptance to the University Honors Program, or consent of instructor and Honors Director. The students will be introduced to the fundamentals of sustainability including historic background, population trends, pollution control laws and regulations, carbon footprints, climate change impacts, ozone depletion, elements of life cycle assessments, and evaluating issues associated with fossil fuels and green energy/renewable energy sources. (Offered as needed.) 3 credits
HON 377 - Critical Animal Studies	Prerequisite, acceptance to the University Honors Program, or consent of instructor and Honors Director. How and when did animals come to be distinguished from humans? What other kinds of relationship to/with animals might we develop? What does the representation of animals in cultural productions suggest about the world views of the producers and consumers of those productions? This course engages with these and other related questions through in-depth study of the interdisciplinary field of Critical Animal Studies. Students engage with key articles, films, and books in Critical Animal Studies, and produce their own creative and critical projects in response. Discussion-based seminar. (Offered as needed.) 3 credits
HON 381 - Think for Yourself: From Socrates to Adorno	Prerequisite, acceptance to the University Honors Program, or consent of instructor and Director of Honors. This course analyzes texts that deal with the philosophical and literary concepts of the ideal individual, emphasizing reason and individualism rather than tradition. It covers selected periods from Classical Antiquity to the 20th Century. Letter grade. (Offered as needed.) 3 credits
HON 382 - The Fabric of the Universe: Space, Time, and Reality	Prerequisite, acceptance to the University Honors Program, or consent of instructor and Honors Director. Did you ever wonder what is the arena of our physical Reality, what is the Shape of the Universe, or what is the Arrow of Time? Through concrete examples and engaging exercises that teach mind-expanding ideas in an intuitive and informal way, we will learn connections between Geometry and recent developments in Cosmology. (Offered as needed.) 3 credits
HON 383 - Controversial Topics in Biology	Prerequisite, acceptance to the University Honors Program, or consent of instructor. An introduction to advanced-level critical inquiry, focusing on the biological topics that create controversy and how they are depicted in news and media. (Offered as needed.) 3 credits
HON 385 - Is Big Data Enough? A Conceptual Exploration of Data Science	Prerequisite, acceptance to the University Honors Program. In this course we will explore the computational, mathematical and philosophical concepts underpinning the use of large collections of data to solve problems. We will ask whether it is possible to preserve a role for our reason, when so much of what we understand and what we decide is ultimately shaped by data-driven algorithms. (Offered as needed.) 3 credits
HON 389 - The Science Blender	Prerequisites, acceptance to the University Honors Program, consent of instructor. In the Science Blender, teams composed of 5 students from disparate majors within Schmid and the Honors program will be coalesced around "grand challenge" projects designed to leverage their growing individual (disciplinary) knowledge bases, skill sets, and problem-solving abilities. As the teams delve deeply into their projects, identify the current knowledge gaps that prevent simple solutions to the grand challenges, and then develop strategies to address those gaps, the students will become more conversant in the languages of the different disciplines and will develop a highly sophisticated appreciation for how team-based problem solving can have a maximal impact on a specific scientific pursuit. Instruction and discussion will be augmented with frequent participation of guest speakers who will serve as mentors and guides for the student teams. (Offered as needed.) 3 credits
HON 392 - Adventures in Cosmologies	Prerequisite, acceptance to the University Honors Program, or consent of instructor. ADVENTURES IN COSMOLOGIES (with deference to Whitehead's Adventures of Ideas, 1933). Structure: The Ancient Greeks, The Renaissance, The Enlightenment, The 19th Century, The 20/21st Centuries. "Had we never seen the stars, and the sun, and the heaven, none of the words which we have spoken about the universe would ever have been uttered. But now the sight of day and night, and the months and the seasons of the year, have created number, and have given us a conception of time, and the power of inquiring about the nature of the universe; and from this source we have derived philosophy, than which no greater good ever was or will be given by the gods to mortal man." (Plato, Timaeus, my emphasis, in Ferris p19). Letter grade. (Offered as needed.) 3 credits
HON 393 - Tricksters and Cosmopolitans	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course explores U.S. narrative fiction in the twentieth century, approaching the figures of tricksters and cosmopolitans within the literary works and in the process of literary production. Writers include Charles Chesnut, Su Sin Far, Nella Larsen, F. Scott Fitzgerald, Ernest Hemingway, Charlotte Perkins Gilman, Philip Roth, Timothy Yu, and Edwidge Danticat. (Offered as needed.) 3 credits
HON 395 - Topics in Honors	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This is a special topics course to provide additional opportunities to explore subjects of special interest. Each topic will have a specific syllabi and bibliography. May be repeated for credit provided the course content is different. (Offered as needed.) 3 credits
HON 395H - Newton and the Scientific Revolution	Prerequisite, acceptance to the University Honors Program. This course will account for the intellectual complexity and apparent contradictory aspects of one of the main, if not the main champion of Western science and culture, Newton. The course will study the complexity of Newton figure and activity, for the apparent contradiction of his intellectual activity, for his works on the interpretation of prophecies and the philosopher's stone, for his anti-trinitarism, for his apparently strange (and today totally dismissed) "historical conception of the origins of civilization, for his tyrannical direction of the Royal Mint and the Royal Society. While expounding and discussing Newton major scientific outcomes (including infinitesimal calculus, theory of light and colors, rational mechanics, and universal gravitation), it will also reconstruct Newton's views on the Holy Scripture, his conception of God as supreme master, his anti-dogmatic (before than anti-trinitarist) theology, his adhesion to alchemic tradition and practice, his views on the history of humanity, and his political ambition and thirst for wealth and power. " (Offered as needed.) 3 credits
HON 396 - The Politics of Waste	Prerequisite, acceptance to the University Honors Program, or consent of instructor. The Politics of Waste is an interdisciplinary medical humanities course to be taught in the Honors Program. By waste, we are referring to effluent, garbage and industrial pollution. The medical humanities literature on world health points to sewer systems as one of the fundamental advances in terms of disease prevention in the 19th century. The field of medicine as well identifies water-based flush toilets as a major medical achievement. The history of these achievements however reveals the contested nature of eliminating waste from the environment. Our course has relevancy to current world challenges. Sewage disposal is a problem today for over 2.5 billion people who do not have access to proper sanitation. Numerous global initiatives such as the Gates Foundation's "Reinvent the Toilet Challenge" continue to seek effective responses to this never-ending problem. This course's outcome has value in informing a larger understanding of a worldwide concern and thus embodies the University's goal of producing students who live "inquiring, ethical, and productive lives as global citizens." This course examines - from perspectives of history, literature, psychology, politics and economics - the various ways that humanity has struggled to both accommodate and marginalize the greatest taboo. Our course not only contributes to expanding the breadth and depth of medical humanities inquiry, but it also addresses a topic that remains a global problem today. (Offered as needed.) 3 credits
HON 398 - Honors Tutorial	Prerequisite, acceptance to the University Honors Program. Each Honors Tutorial focuses attention on an important thinker, idea, or concept in-depth so as to supplement and enhance a liberal arts education. Individual course topics are chosen by the Instructor. Letter grade. Tutorials may be repeated for credit. (Offered as needed.) 1 credit
HON 398A - HONORS Tutorial, The Posthuman Condition	Prerequisite, admission to the University Honors program. Honors Tutorial: Each Honors Tutorial focuses attention on an important thinker, idea, or concept in-depth so as to supplement and enhance a liberal arts education. Individual course topics are chosen by the Instructor and may or may not repeat, and students may take as many Tutorials as they like. Topics already selected include Populism, Historical Memory, Descartes, Nietzsche, Marx, and Freud." The world finds itself in a moment of intense reality, where the belief in human exceptionalism is undergoing a necessary, critical scrutiny. What makes a person human? What makes a person exceptional? What if humans are not the world's principal actors, but instead the effects of a complex network of non-human entities? Through an immersion in a variety of "texts" and discourses-critical theory, literature, cinema and television, and even video games-this HONORS Tutorial will interrogate the rhetoric (re)examining and (re)inventing human and nonhuman being, developing students' critical inquiry into the frameworks of our perceived reality, its problematic opacities, and its potential for subversion. Letter grade. (Offered as needed.) 1 credit
HON 399 - Individual Study	Prerequisite, acceptance to the University Honors Program, or consent of instructor. The student initiates and conducts an in-depth study or research in a specific area in conjunction with an individual faculty member. May be repeated for credit. (Offered as needed.) ½-6 credits
HON 404 - Early Modern Sexualities: The Body, Gender, and Sex before Western Modernization	Prerequisite, acceptance to the University Honors Program or consent of instructor. Imagine sex. Imagine sex without psychology. Imagine sex before the Confession Box. This course explores notions of gender, sexuality, courtship, and the body in Japanese societies before the arrival of Western values associated with the historical modernization project of the Nation-State. In Classical Japanese there is a verb, onnau, which roughly translates as, "to become female/woman." An equivalent term has never been found in a modern Japanese dictionary. The disappearance of language, as limited in usage as it might appear to us, is certainly regrettable. However, in the case of Japan, the moment of the "early modern" (kinsei)-a time characterized by an ever-growing awareness of "The West" and the ideas of civilization-driven empire, scientific-rational conceptions of life, and Judeo-Christian concepts of religion, truth and propriety-is the moment in which historians now see the accumulation of these small acts of cultural elision and induced amnesia, particularly in terms of how the body, gender, and sexuality had other normative ways of being/becoming. With the establishment of regulations meant to severely limit contact with Westerners and access to foreign texts, weapons, maps, and other contraband, the study of the West became the prerogative of elite Rangaku (or "Dutch scholars"), Confucian, and medical specialists. As Japan encounters a radically new worldview through a regulated fascination with the West, it does so in a relatively controlled context and in piecemeal. It is not until the mid-19th c. and what came to be referred to as American Gunboat Diplomacy, that Japan fully capitulated to 19th c. American/ Victorian infused values, legal codes, and social concerns regarding the body, sexuality, and gender. The two hundred plus years that Japan was able to hold off colonization by the West allowed for a relatively long period of incubation and processing of Japanese identity vis-à-vis Western nations. It also means that there is a complex network of non-human entities? Through an immersion in a variety of "texts" and discourses-critical theory, literature, cinema and television, and even video games-this HONORS Tutorial will interrogate the rhetoric (re)examining and (re)inventing human and nonhuman being, developing students' critical inquiry into the frameworks of our perceived reality, its problematic opacities, and its potential for subversion. Letter grade. (Offered as needed.) 3 credits
HON 406 - Brain, Mind, and Film	Prerequisite, acceptance to the University Honors Program. This course explores aspects of the psychological and brain sciences through the lens of motion pictures. As such, the material engulfs interdisciplinary topics from neuroscience, psychology, philosophy, and film studies with an emphasis on a juxtaposition of cognition with the humanities. The course draws on aspects of philosophy (e.g., epistemology, general philosophy of science, philosophy of particular sciences, logic, foundations and philosophy of logic, rhetoric, and psychoanalysis), anthropology and sociology (e.g., ethnography, first-person versus third-person accounts, altered consciousness, transcultural effects, group trends), clinical applications and medicine, and the computational and engineering sciences. Letter grade. (Offered as needed.) 3 credits
HON 409 - Hermes Unbound: Divining Hermeneutics	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Reflections on Hermes, the messenger of the Greek gods, gave rise to hermeneutic, the art of interpretation. This art of interpretation, hermeneutics, is the discipline arising from reflection on the problems involved in the transmission of meaning from text or symbol to reader or hearer. This course will survey reflections on these problems from ancient times to our own. (Offered as needed.) 3 credits
HON 412 - "Seas of Stories": Postcolonial Literature and Theory	Prerequisite, acceptance to the University Honors Program, or consent of instructor. Using an interdisciplinary approach, we will explore diverse "seas of stories" (as Salman Rushdie terms it) from various parts of the world. We will focus on key issues involved in postcolonial theory as well as the complexities, possibilities, and challenges of this particular theoretical approach to the study of literature and culture. (Offered as needed.) 3 credits
HON 416 - Sex, Self, Society	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course explores the ways in which macro and micro institutions structure gender and sexual relations in society and how gender and sexual practices in turn structures and stratifies the social order. It addresses our sexual socialization, gender identities and the social consequences of gender stratification. It seeks to promote greater literacy regarding our lives as sexual beings, as gendered beings, and as romantic beings. This course is best suited for mature upper division students. (Offered as needed.) 3 credits
HON 418 - Critical Pedagogy: Teaching to Transgress	Prerequisite, acceptance to the University Honors Program, or consent of instructor. In this course, we will focus on different models of teachers for the purpose of challenging the oppressive structures of the social order so as to build a deeper and stronger democracy in which all peoples can participate and have a voice. We will also give credit to those institutions and values that need to be upheld and defended but we will not shrink from challenging institutions and social relations that are unfair or unjust. In other words, we seek to "speak truth to power." The course is designed to challenge fundamental preconceptions of what a teacher should be or how a teaching should be conveyed. (Offered as needed.) 3 credits
HON 419 - The Search for an American Voice: Huck Finn to Harlem	Prerequisite, acceptance to the University Honors Program, or consent of instructor. This course will explore how writers and composers have mined the vernacular in pursuit of an American style distinct from European practice. It begins with Ralph Waldo Emerson's call for a new American voice, distinct from the "courtly muses" of Europe, and traces the development of that voice through Walt Whitman, Emily Dickinson, Mark Twain, and Charles Ives into the 20th century urban voices of the Harlem Renaissance and George Gershwin. Students will attend special performances and lectures in conjunction with the Pacific Symphony's Ives and Gershwin festival. (Offered as needed.) 3 credits
HON 424 - Magic, the Occult and Art in the Early Modern Period	Prerequisite, acceptance to the University Honors Program, or consent of instructor. In this course, students will explore the surprisingly central role that magic and the occult played in the early modern period (Middle Ages and the Renaissance). Students will become familiar with definitions of popular magic, as well as magic savante (alchemy, geomancy and necromancy) as well as with artistic manifestations, such as relics, art objects, gems and talismans. Astrology, the art of divination and talismans will be considered in the context of the dreams of the Renaissance magus so that students may also consider how mysticism, magic and science were intertwined in the Medieval and Renaissance period. (Offered as needed.) 3 credits
HON 432 - Queer Theory	Prerequisite, acceptance to the University Honors Program, or consent of Honors Program, Director. Overview and in-depth study of selected issues in queer theory with emphasis on intersectionality, interdisciplinarity, and students' individual critical or creative research projects. The course will engage with foundational texts in queer theory, as well as contemporary queer theory, including, for instance, work in queer animal studies, queer disability studies, transgender theory, sexuality, and queer postcoloniality. Open question: What will ask include the following: Is "queer" different from "GLBT"? How does "queer" intersect/colide with race, class, gender, class, and racial identifications? How has queer theory impacted a variety of academic disciplines? Why has queer theory become so fashionable? What is the relationship between queer theory and political activism? In our pursuit of these and other questions, we'll work with texts from multiple genres and media (including films, music videos, internet memes, tweets, zines, literature, and critical theory) that articulate, enact, embody, defy, and complicate the sexy, exciting, challenging, and rapidly changing/expanding field of queer theory. Discussion-based seminar. Letter grade. (Offered as needed.) 3 credits
HON 435 - Race Matters	Prerequisite, acceptance to the University Honors Program. This course will begin with an examination of the racial narcissism of the ideology of white supremacy and its effects on black life in the US. It will then analyze how this ideology has informed and continues to inform US customs, institutions, and practices. This will be followed by examinations of responses to institutional racism. Throughout the course participants will (1) engage local activists and local activist organizations intent on exposing and uprooting institutional racism and (2) update or rewrite the Bulletin "Institutional Racism in Society: A Primer" and the book Institutional Racism in America. Letter grade. (Offered as needed.) 3 credits
HON 447 - The "Real" Westeros: Game of Thrones and Northern Ireland	Prerequisite, admission to the University Honors Program. This travel course situates George R.R. Martin's Game of Thrones in contemporary dialogues about, multiple perspectives of, and various theoretical approaches to the literary, the visual, the political, and the historical. We will examine Northern Ireland's tumultuous history and how this history is used, distorted, and/or problematized by tourism involving Game of Thrones (both literary texts and the television adaptation). Some sections of HON 447 will be taught with ENG 447. Fee: TBD. (Offered as needed.) 3 credits
HON 448 - The Beauty of Ideas: An Experience of Florence	Prerequisites, acceptance to the University Honors Program, consent of instructor. Florence, the birthplace of the European Renaissance, continues to represent Western ideals of civilization and artistry across the globe. The period that marked the beginning of modernity-a monumental shift in ways of thinking and managing politics, economics, and the arts-is inscribed in the very stones of the City of the Lily and continues to inspire new creations and ideas. It's the quintessential site for an examination of how beauty impacts political, cultural and economic processes. This course integrates individualized research projects with visits to Florence's major museums, historical and artistic monuments, encounters with different types of artisans, and exploration of how ideas and beauty intersect in a variety of fields. Letter grade. Fee: TBD. (Offered as needed.) 3 credits
HON 455 - Interpreting the Past: an Experience of Rome	Prerequisites, acceptance to the University Honors Program, consent of instructor. The myth of Rome has had a lasting and broad impact on Western civilization over the centuries. This course is a study of the cultural themes and artistic patterns that spring from antiquity and have been reinterpreted during the Renaissance, the Romantic period, and modern times, across artistic media and cultural traditions. This course integrates personalized research projects with visits to the Eternal City's most representative museums and archeological sites, an overview of its ancient and contemporary urban landscape, encounters with artists and artisans, and direct experience of the city's traditions. Letter grade. Fee: TBD. (Offered as needed.) 3 credits
HON 465 - Porn Studies	Prerequisite, admission to the University Honors Program. According to a 2012 businessinsider.com story, "Worldwide, pornography is reported to rake in anywhere from fifty-seven billion to a hundred billion dollars annually. In the United States, it generates more revenue than CBS, NBC, and ABC combined and more than all professional football, baseball, and basketball franchises." Pornography and the porn industry thus demand careful consideration as historical, social, cultural, political, and economic phenomena. Moreover, Chapman students have a special proximity to this topic, since the San Fernando Valley, less than 60 miles north of Chapman University, is still considered the porn capital of the world. The course will survey scholarship in the field of porn studies, including work by pioneering feminist and queer porn theorists like Linda Williams and Thomas Waugh, and more recent scholarship at the intersections of critical race studies and porn studies, and trans studies and porn studies. The class will focus mainly on the United States and on film and video. Rather than rehashing decades old pro- vs. anti-porn debates, students will be engaging with scholarship in the field of porn studies that refuses simplistic condemnations of pornography and other kinds of sex work. Students will consider the politics of race, class, gender, sexuality, and ability in pornography; questions of representation, production, and authorship; the porn industry from a business and economic perspective; and how new technologies, media, and platforms have transformed the production, consumption, and cultural meanings of pornography. In this course students will watch, read about, and discuss sexually explicit material-students should not enroll in this course if they are unwilling to do this. Student must be 18 or older to enroll in this course. Letter grade. (Offered as needed.) 3 credits
HON 490 - Independent Internship	Prerequisite, acceptance to the University Honors Program, consent of instructor. Supervised independent experience in an approved setting. P/NP. May be repeated for credit with different placement. (Offered as needed.) ½-3 credits
HON 496 - Honors Capstone Seminar	Prerequisites, acceptance to the University Honors Program, senior standing. Each senior Honors student is required to complete the Honors capstone in the spring semester of their senior year. Exceptions may be made in consultation with the Honors director. For the Honors capstone, students will complete an interdisciplinary project using the methodologies and perspectives of relevant disciplines. (Offered every semester.) 3 credits
HON 499 - Individual Study	Prerequisite, acceptance to the University Honors Program, or consent of instructor. The student initiates and conducts an in-depth study or research in a specific area in conjunction with an individual faculty member. May be repeated for credit. (Offered as needed.) ½-6 credits
HUM 101 - Etymology: Latin and Greek Roots for Vocabulary Building	This course focuses on the formation and use of English words derived from Greek and Latin roots. Recommended for all students who desire systematically to increase their English vocabulary. (Offered as needed.) 3 credits



HUM 102 - Introduction to Latinx and Latin American Studies	This course will focus on geopolitical and political economy issues within an historical perspective that help us to understand the complex relationship between the United States and Latin America, and ways in which they shape and reshape identities, culture, and citizenship. How do these histories shape the lives of Latinx communities in the United States? What counter narratives and forms of resistance do Chicana, Latinx, indigenous and people of African descent from Latin America engage as they challenge these geopolitical forces? This course will have a research component where macro-historical processes are understood from a place-based perspective tied to local communities. Letter grade. (Offered spring semester) 3 credits
HUM 103 - Introduction to Ethnic Studies	This course engages students in an interdisciplinary study of the histories, cultures, societies, arts, and community work of marginalized racial and ethnic groups in the United States. Students will learn about multiple cultures' social and historical context within the United States. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
HUM 129 - Experimental Course	(Offered as needed.) 1-6 credits
HUM 199 - Individual Study	(Offered every semester.) 3-6 credits
HUM 200 - Women's Realities	An introduction to women's studies as an academic discipline and a critical analysis of the traditional views of women as individuals, members of families, and societies. The perspective is historical as well as cross-cultural. (Offered every semester.) 3 credits
HUM 201 - Medical Terminology: Latin and Greek Roots for Health Care Professionals	This course focuses on the formation and use of scientific and medical terminology derived from Greek and Latin roots. The course is designed to equip students with specialized vocabulary in the fields of science and medicine. (Offered as needed.) 3 credits
HUM 205 - Introduction to LGBTQIA+ Studies	An introductory, interdisciplinary, intersectional survey of LGBTQIA+ Studies. Topics may include the interrogation of psychological and biological theories of sexual orientation and gender identity; historical and anthropological records of sexuality and gender in Western and non-Western societies; legal and political histories of LGBTQIA+ movements and activists; religious teachings on LGBTQIA+ issues; LGBTQIA+ art and artists; LGBTQIA+ representation in media; varieties of sexual identities and practices; non-binary gender identities; rainbow capitalism; homonormativity and homonationalism; LGBTQIA+ identities and race; LGBTQIA+ identities and class; colonialism, globalization, and LGBTQIA+ identities; biotechnologies and trans identities; and LGBTQIA+ communities. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
HUM 229 - Experimental Course	Humanities experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. Fee: TBD. (Offered as needed.) 1-3 credits
HUM 250 - Pop Culture and Pedagogy: Examining the Black Mirror	In this course, students will engage in an examination of popular culture as pedagogy; namely, Charlie Brooker's unsettling Netflix series Black Mirror. Brooker himself notes the ubiquity of these "black mirrors" -found on every wall, on every desk, in the palm of every hand: the cold, shiny screen of a TV, a monitor, a smartphone. But, what is embedded in the hidden curriculum of these episodes? By utilizing the narratives of the series, mise-en-scene analyses, and through related course readings, students will be able to reflect on their own relationships to technologies and discuss the societal complications that can come along with our innovations. Letter grade. (Offered spring semester.) 3 credits
HUM 290 - Intern Program	(Offered as needed.) 1-6 credits
HUM 310 - Theoretical Foundations of Latinx and Latin American Studies	Prerequisite, HUM 102 This course looks at the evolution of theories of development as they relate to the relationship between Latin America and the United States, and how these theories help us critically understand the lives of Latinx immigrants within the United States. The analytical trajectory includes modernization, dependency, world systems and de-colonial theories, transnational and global capitalism. Emphasis will be on structural processes such as trade, the military industrial complex and the narco-terror and border patrol industrial complex, and how these shape institutions (political, legal, educational, religious, economic, etc.) within the United States. The class will include social movement theories that can be applied to resistance efforts at local, national, and international levels. Within the Southwest United States, we look at the struggle and resistance of two significant communities, Chicanos/Mexicanos and Central Americans, drawing out implication for education projects and movements, such as ethnic studies and bilingual education. (Offered spring semester) 3 credits
HUM 311 - A Region of Fantasy: Journey through Emilia-Romagna, Italy	Italy is a country comprised of regions, each differing in identity, history and traditions. This course offers a way to understand the extraordinary complexity of Italy's regional life through the case study of one specific region, that of Emilia-Romagna, an area that has distinguished itself for its massive creative output in virtually all fields of cultural production, craft, cuisine, and industry. Students will be immersed in one of the most inventive and imaginative regions of the peninsula, exploring Medieval fortified hill towns, unique mountain and coastal environments, and cities such as Bologna, Rimini, Parma, Ferrara and Ravenna. Emilia-Romagna is the birthplace of most of Italy's chief filmmakers (Fellini, Bertolucci, Antonioni, etc.), the seat of Renaissance epic literature (Boardo, Tasso, Ariosto), the land of extraordinary poets such as Pascoli and Guerra. Furthermore, the region has expressed its creativity in many areas of craft, exporting its specialty foods, ceramics and sport cars all over the world. The course's objective is to understand the ways in which regional identity has expressed and continues to express itself in contemporary Italy, and to understand how traditions can be interpreted and kept vital in today's world. Some sections of this course may be taught with ITAL 311. Fee: TBD. (Offered as needed.) 3 credits
HUM 312 - Writing in the Legal Context	Writing in the Legal Context will teach students important basic writing skills, tailored to the kinds of questions and contexts that arise in legal environments. Students will be challenged to develop their expository skills, improve their persuasive writing, and learn to access, analyze, and digest both primary and secondary legal sources. Letter grade. (Offered spring semester.) 3 credits
HUM 313 - Community Based Research Methods in Latinx Studies	Prerequisite, HUM 102 This course introduces students to qualitative and quantitative data analysis methods and strategies that nurture community-based research projects. Students engage in problem identification, research design, and implementation. The course has a service-learning component, which allows for the development of community-university research tied to community projects in Santa Ana and Anaheim. (Offered spring semester) 3 credits
HUM 315 - Paris and the Modern Experience	Modernism is more than a movement; in fact, it is many movements and many experiments which constitute a true cultural revolution, a profound upheaval of beliefs that calls into question entire civilizations and cultures. In Paris, Modernism was a response to cultural crisis as the 19th century came to a close after 2 traumatic events: the Siege of Paris during the Franco-Prussian war (1870-1871), and the Paris Commune wherein Frenchmen were fighting against Frenchmen. Using the city itself as a text (including its neighborhoods, buildings, people, smells, and foods), this course will focus on the evolution of Parisian history and culture and examine the trajectories of the city's social, intellectual, economic, political and spiritual systems from the Belle Époque, to the postcolonial movement, up to the violent protests in the northern suburbs of Paris in 2005 and the attacks of November 2015 to explain how complicated social structures and hierarchies have affected French society. Letter grade. Fee: TBD. (Offered interterm.) 4 credits
HUM 317 - Unsung Stories and New Expressions (Same as FTV 317) Prerequisite, consent of instructor.	This class provides the opportunity for students to present untold and meaningful stories in today's evolving media environment, providing students with investigative and research technique as well as practical pitching and project development. This course will hone their qualitative research skills to deeply engage in the world around them though a humanistic understanding of inequality and social justice. This interdisciplinary course is designed to highlight social rights activism in the face of oppression and human rights abuse, through primary and secondary source research including books, oral histories, legal records, archives, personal interviews. This course will also examine how similar stories have been (mis)represented or appropriated in traditional media and explore issues of ethics in storytelling. Students will next create a proposal for a media project based upon their research and create a project presentation suited for any of the streaming, internet, tv or theatrical venues that are prevalent or emerging today. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered fall semester.) 3 credits
HUM 320 - Readings in Posthumanism	What does it mean to be human? And how are traditional definitions of "the human" being complicated (threatened?) by things like nanotechnologies, neuropharmacology, or genetic engineering? Posthumanism does not mean the "end" of the human; rather, it speaks to the conditions in a world where humans are no longer at the center of life on earth. This course will provide students with the tools to analyze key debates about how values and ethics are currently shaped around social institutions and structures, allowing them to think critically about how values and ethics have been historically shaped around structures and worldviews. The course will engage students in debates about posthumanist topics including human rights, the complicated webs of virtual and material realities, animal rights, the impact of innovation on ecosystems, the impact of media on consciousness, techno-utopianism, the mechanization of quotidian life, and the ethics of transformation. Particularly, this course asks students to consider where the lines are drawn between human life and posthuman life, and how these issues might continue to evolve in the future. Some guiding questions include: What might the augmented / non-biological human look like? What might be considered the "rights" of the cybernetic community? How will society evolve when faced with the biological / non-biological dichotomy? What becomes of (biological) human subjectivity in the posthuman world? What is the impact of exponential innovation on our natural world? What is the fate of the earth in the posthuman future? Letter grade. (Offered summer session.) 3 credits
HUM 325 - Preparing Competitive Fellowship and Scholarship Applications	This course guides students through the process of identifying and applying for external fellowship and scholarship awards, such as the Fulbright, Truman, Rhodes, and Marshall, among many others. Topics covered include researching appropriate fellowships, reviewing vocational goals, creating strong resumes and CV's, writing compelling research proposals and personal statements, and developing strong interviewing skills. At the completion of the course, students will have produced a full application package. Students will also learn research presentation skills, such as how to write conference abstracts, best practices in conference presentations, and effective research poster design. Though the focus is scholarships and fellowships, the skills gained in this class apply even more broadly to graduate school applications and job interviews. (Offered spring semester.) 3 credits
HUM 329 - Experimental Course	Humanities experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. Fee: TBD. (Offered as needed.) 1/2-4 credits
HUM 331 - Feminism and Freedom (Same as PHIL 331)	The liberal tradition in political philosophy prizes individual rights and freedom. Feminism is often seen as opposed to this tradition, valorizing collectivism over individualism and obligation over freedom. This interdisciplinary course interrogates that assumption by reviewing key historical feminist texts in philosophy, literature, and economics. Letter grade. (Offered as needed.) 3 credits
HUM 332 - Shakespeare's Sister	Shakespeare's female contemporaries found the means to write poetry, plays, short stories, and other forms of literature. Given that they did so at a time when patriarchal prescriptions against public forms of female expression were at their most absolute, literary scholars have had to ask new questions. Rather than exploring the conditions that limited women from writing, they now ask how it was that so many women were able to gain access to the tools and strategies necessary to become authors. What strategies did they use to circumvent commands that they stick to the needle rather than taking up the pen? What constitutes authorship and what a literary text? And why was it that, in a surprising number of cases, women actually helped construct the cultural milieu which were previously said to oppress them? Letter grade with Pass/No Pass option. (Offered spring semester, alternate years.) 3 credits
HUM 350 - Cities and Civilizations	From today's Los Angeles to classical Athens, cities have shaped and transformed Western civilization. Utilizing technology, this multi-disciplinary course investigates contemporary Los Angeles and its urban predecessors, such as Athens, Paris, London, and Vienna, as crossroads of cultural change. (Offered as needed.) 3 credits
HUM 351 - The Holocaust in German Literature and Film (Same as GER 351)	3 credits
HUM 352A - Area Topics in Latinx Studies	Prerequisite, HUM 102 or consent of instructor. Area topic in Latinx and Latin American Studies. Letter grade with Pass/No Pass option. May be repeated for credit with different topic. (Offered as needed.) 1-3 credits
HUM 352B - Topics in LGBTQ Studies	Prerequisite, HUM 205 or consent of instructor. Area topic in LGBTQ Studies. Letter grade with Pass/No Pass option. May be repeated for credit with different topic. (Offered as needed.) 1-3 credits
HUM 352C - Topics in Law and the Liberal Arts	This topical course will look at various topics in law and the liberal arts. Letter grade. May be repeated for credit. (Offered as needed.) 3 credits
HUM 352D - Topics in Disability Studies	Prerequisites, IES 150 or POSC 150 or PCST 160 and PCST 239 or POSC 239 or consent of instructor. Examination of various topics in disability studies. Letter grade with Pass/No Pass option. May be repeated for credit with a different topic. (Offered as needed.) 1-3 credits
HUM 353B - Topics in Historical Tours: A Literary History of the French Riviera and Provence (Same as FREN 353B)	3 credits
HUM 353C - Topics in Historical Tours: A Tale of Two Cities	The Tale of Two Cities is a famous novel by Charles Dickens about Paris and London at the time of the French Revolution. In this travel/study course by the same name students will spend ten days in each of these two cities during the interterm period. Instructors knowledgeable about these cities will offer tours, museum visits and theatre outings on a regular basis. However, at the center of this course is a self-chosen and self-designed research project that looks at some aspect of the life in and history of London and Paris. Letter grade. (Offered interterm.) 3 credits
HUM 399 - Individual Study	(Offered as needed.) 1-6 credits
HUM 499 - Individual Study	(Offered as needed.) 1-6 credits
ISP 363 - Cybersecurity 1	Prerequisite, CPSC 353 Students are exposed to the world of cybersecurity. Emphasis is placed on understanding, recognizing, and patching security exploits. Students will use standard industry tools and techniques to gain hands-on experience in this rapidly-growing field. Note that students majoring in computer science, computer engineering, software engineering, or data analytics may not use ISP 363 as an elective in the major if they are also minoring in Information Security and Policy. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
ISP 371 - Advanced Topics in Cybersecurity	Prerequisite, ISP 363 In this course students will be exposed to several in-depth topics in computer security through directed reading, guest speakers, hands-on labs and practicums. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered every year.) 1 credit
ISP 452 - Fundamentals of Digital Forensics	Prerequisite, ISP 363 This course introduces students to the methodologies and procedures associated with digital forensic analysis and investigations within a network infrastructure. Students will develop an understanding of core topics such as topologies, protocols, and various software tools required to conduct forensic analysis/investigations. Students will comprehend the network forensic principles, legal considerations, digital evidence controls, and proper documentation of forensic procedures and evidence collection. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
IES 101 - Self and Identity	William James' construct of the self-the reflective capacity of humans to be I and me, subject and object, knower and known-provides an entry point for this exploration of a unifying construct in psychology, sociology, and other behavioral and social sciences. Students will examine the historical underpinnings of the contemporary notion of the self, the reciprocal relationship between the self and society, and identity theory. Some sections may be restricted to IES majors and IES minors only. (Offered every semester.) 3 credits
IES 102 - Social Construction of Difference	Exploring the social construction of race, class, gender, sexuality, and disability, students will examine how systems of stratification are formed, perpetuated, and interconnected through language and social institutions, such as schools, public policy, and media. Students will also consider how individuals might, within institutional contexts, play a transformative role in the social construction of difference. Some sections may be restricted to IES majors and IES and SEED minors only. (Offered every semester.) 3 credits
IES 103 - Philosophy of Helping	This course engages foundational concerns of the helping professions from individual, communal, and societal perspectives. Questions explored in this course include: How does a society provide help in ways that are empowering and authentic for those being helped? What are the tensions that inevitably arise when people try to formalize the helping relationship? In addition to exploring the skills that lead to caring, competent, and effective practice, students will develop a personal philosophy of helping that is critical and reflective. Some sections may be restricted to integrated educational studies majors and minors and disability studies minors only. Letter grade. (Offered every semester.) 3 credits
IES 112 - Writing for Educators	Prerequisites, one 100-level IES course, and major in integrated educational studies, or minor in language and literacy, or consent of instructor. This course is designed primarily for students pursuing careers in formal pre-K-12 school settings and non-formal educational or community-based organizations where exemplary professional writing skill is necessary for success in the execution of their future work. Consideration will also be given to how written artifacts shape public images of teachers, students, schools and societies both past, present, and future. Some sections of this course may be offered as hybrid courses or online only. (Offered as needed.) 3 credits
IES 150 - Introduction to Disability Studies; Challenging Myths of Normalcy (Same as PCST 160 , POSC 150)	This course will provide an interdisciplinary introduction to the field of disability studies. The class will explore issues such as person-first and identity-first language, and the historical construction of normalcy, ableism and stigma. Readings and discussion will include the lens of intersectionality. Students will engage in media analysis using a disability studies lens, exploring diverse media such as film, television, social media, literature, fundraising media, and memoir. Students will explore accessibility in the built environment of Chapman University using Universal Design, as well as accessibility to learning in post-secondary education using Universal Design for Learning. This course is designed using fundamental principles of UDL, modeling how to provide flexibility for learners in materials, instruction and assessment. (Offered every year.) 3 credits
IES 204 - Exploring Theories of Learning	Prerequisite, IES 101 , or IES 102 , or IES 103 , or consent of instructor. This course explores questions related to how people learn, if they should be taught to learn, and why we forget so much of what was learned in school. To answer these questions, students will examine a body of theories of learning that include Socratic methods, behaviorism, constructivism, cognitive learning theories and situated learning. (Offered every semester.) 3 credits
IES 205 - Learning Across Boundaries: The Power of Cross Disciplinary Curricula	While people easily slide from one role to another (teacher, student, barista, athlete), formal learning and understanding in diverse disciplines is rare. This course asks students to recognize the similarities between disciplines of knowledge and develop strategies for use in their own discipline of study. (Offered every semester.) 3 credits
IES 206 - Schools in Society	Prerequisite, IES 102 , or consent of instructor. This course examines the history, sociology, and philosophy of education in the United States. In addition, the course reviews school formations, current policies and practices in education, and the relationships between schools, their communities, and the larger society. Students will examine how public and non-public schools are organized and operate and will explore factors impacting educational equity, access and student success. Some sections may be restricted to integrated educational studies majors, or minors, or secondary education minors only. (Offered every semester.) 3 credits
IES 207 - The Pursuit of Happiness and Knowledge: Walt Disney and Charles Darwin	Students all declare for happiness and knowledge. Walt Disney primarily entails the world of fantasy and Charles Darwin the reality of nature. Students will explore their creations and their beliefs, and delve into some profound ideas underpinning our origins and our happiness. Grading option is letter grade only. (Offered every semester.) 3 credits
IES 229 - Experimental Course	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) 1-3 credits
IES 290 - Independent Internship	Prerequisite, consent of instructor. An independent internship or observation, in which a lower division student develops a learning, observational contract in conjunction with an on-site supervisor and a Chapman Attallah College faculty advisor. Forty hours of observation/internship are required per credit hour. Up to three credits (1/2-3) per internship site per semester may be earned through internship courses. P/NP. May be repeated for credit. (Offered every semester.) 1/2-3 credits
IES 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline that develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered as needed.) 1-3 credits
IES 295 - Education Fieldwork	Open to all students. This course is designed to provide students with service experiences at public elementary, middle, and secondary schools, and a selection of after-school educational support centers. The course will integrate tutoring and mentoring activities developed to help enrich the learning of children and adolescents with seminar discussions of education topics arising from these activities. Every effort will be made to ensure students are assigned to settings whose students reflect the ethnic and racial composition of communities in Orange County. (Offered as needed.) 3 credits
IES 300 - Valuing Differences in American Society	Through a combination of presentations, exercises, discussion, films, and guest speakers, students will examine the causes and consequences of prejudice and discrimination and the role of economic and political factors in the formation, reproduction, and change of the American racial and ethnic structure. The course also examines the intersection of social class, gender, race and ethnicity, and sexual orientation. (Offered every semester.) 3 credits
IES 301 - Organizations, Ethics, and Society	Investigating the ubiquitous organization through a variety of theoretical and sociological constructs provides students with an opportunity to understand the complexity of modern organizations. Readings will consider issues of intra-organizational constraints, motivation, power and conflict, purpose and meaning, teamwork and how organizations work to satisfy human needs. Investigating basic concepts of policy construction and analysis help to shed light on the challenges faced by organizations and institutions as they identify and meet social needs. Some sections may be restricted to integrated educational studies majors, integrated educational studies and secondary education minors only. (Offered every semester.) 3 credits
IES 302 - Information, Communication and Management: Theoretical and Practical Issues	Giving, receiving, and using information; working with others, and managing tasks and time are skills needed by the effective professional. Students engage in academic and professional writing tasks, work on communication with colleagues, supervisors, and others and develop management systems to support their work. Some sections may be restricted to majors and minors only. (Offered every semester.) 3 credits
IES 303 - Education Through Life Transitions	Prerequisite, any IES 200-level course. Drawing on theories of human development, educational best practices, and social services, the course explores needs and supports for life transitions with a particular emphasis on vulnerable populations. Life transitions explored include developmental transitions but also social and institutional transitions and transitions within families. (Offered every semester.) 3 credits
IES 310 - LGBTQ Issues in Education	Lesbian, gay, bisexual, transgender, and questioning (LGBTQ) individuals make up a significant minority population in K-12 education. This course explores the experiences of LGBTQ individuals in educational systems and helps students to identify methods to improve inclusion, appreciation, and safety. Some sections may be restricted to integrated educational studies majors, or minors, or secondary education minors only. (Offered as needed.) 3 credits

IES 314 - Adult Learning: Theory, Practice, Experience and the Future	Prerequisite, IES 200-level course. This course explores adult learners, why they learn, and how they learn a range of formal and informal settings. Also explored are the philosophical foundations of adult learning theory and the changing dynamics of the profession taking into account global, economic, technological, and ethical issues. Some sections may be restricted to majors and minors only. (Offered every semester.) 3 credits
IES 315 - Non-Governmental Organizations: Policy and Practice	This course explores the nature and function of the non-profit sector within education, the arts, and the helping professions. The course will familiarize students with the advantages and the common challenges faced by such organizations and include fieldwork in NGO's in the Orange County area. Some sections may be restricted to majors and minors only. (Offered every semester.) 3 credits
IES 316 - Aesthetic Education: Philosophy and Practice	This course will nurture appreciative, reflective, cultural, participatory engagements with the arts. Students will explore art-making in dance, music, theatre, and visual arts and will gain heighten perception and challenge preconceived notions, creating the possibility for personal and community change. (Offered as needed.) 3 credits
IES 317 - Disability, Families, and Society: Issues of Professional Policy and Support	This course will explore the relationships of families and members of the helping professions and how these relationships can work collaboratively to increase the capacity of families and professionals to support inclusive approaches to community participation for people with disabilities. (Offered as needed.) 3 credits
IES 326 - Education Viewed through Feature Film and Television	Prerequisites, IES 102 , IES 206 , or consent of instructor. The participants view and analyze major feature films and television programs that portray a variety of specific aspects of schooling and education. Students will engage in class activities that use the media as focal points for professional self-examination and will consider ways of reconceptualizing and improving reflective practice. Consideration will also be given to how such films and television programming shape public images of teachers, students, and schools both past and present. (Offered as needed.) 3 credits
IES 340 - Literature and Literacy: Children and Adolescents	Prerequisite, written inquiry course. This course is designed to study the style, technique, and methods for introducing children and young adolescents to literature. Students develop perspectives of literature as instrumental in child development and lifelong learning. Students will identify characteristics of quality literature, understand its role in the curriculum and use instructional strategies to teach a range of students' needs and interests. Topics include literature genres, multicultural and international literature, censorship, technology, and current educational issues in reading K-12. Letter grade. (Offered as needed.) 3 credits
IES 351 - Ethnic Studies Curriculum and Pedagogy	This course provides a general overview of ethnic studies as a curricular project and movement. Central themes of this course will be around liberationist epistemologies and applying culturally and community responsive pedagogies with students and community organizations for interdisciplinary curriculum development. This course includes 10 hours of fieldwork at a K-12 school or a community organization to develop a curricular project utilizing the methodologies, pedagogies, ontologies, and concepts learned in class. Letter grade. (Offered spring semester.) 3 credits
IES 399 - Individual Study	Prerequisite, consent of instructor. Individual study and research is offered to students to research particular topics that are not provided for by regular curriculum offerings. Students design their individual research or projects under the guidance of a faculty member. May be repeated for credit. (Offered every semester.) 1-6 credits
IES 405 - Inquiry, Evidence and Decision-Making	Prerequisites, IES 102 , IES 206 , IES 301 , integrated educational studies major, consent of instructor. Good professional practice requires systematic inquiry to generate the types of information and insights needed for effective decision-making. Students investigate a topic of interest while exploring quantitative, qualitative, single-subject, action research, and program evaluation inquiry traditions and methods. (Offered every semester.) 3 credits
IES 412 - Teaching Writing K-12	Prerequisite, written inquiry course, and IES 112 , or IES 200-level course. This course is designed to introduce pre-service students to the research, theory, and practice of teaching writing in grades K-12. Participants will understand and be able to apply the theory and research of learning to write and writing to learn in a variety of genres and disciplines, using writing across the curriculum as well as single-subject emphases to explore the power of writing as a vehicle for learning. Letter grade. (Offered every semester.) 3 credits
IES 413 - Current Issues in Disability Studies and Services	This course introduces students to the field of disability studies and implications for working in disability-related careers. The course explores how disability is portrayed in society through the arts and mass media and reviews the critique of traditional stereotypes emerging from the disability rights movement. (Offered as needed.) 3 credits
IES 444 - Aesthetics and Learning: Florence, Italy (Same as EDUC 644.)	This course is taught in Florence, Italy. Students explore the catalytic change in intellectual and aesthetic processes, moving from the Middle Ages to the Renaissance, and the confluence of forces that shaped the creative explosion of the arts in both the sacred and everyday lives of people. They investigate the paradigm shift to a new perspective, one that supports the human potential to create the aesthetic in all modes of living. Students experience art and make connections to their own aesthetic processes. Fee: TBD. (Offered interterm.) 3 credits
IES 449 - Educating with Multiple Technologies (Same as EDUC 649.)	A focused look at selected current topics centered on the infusion of technology in the field of education. Provides experiences in the practical use of technology-based tools for teaching and learning, establishing a foundation for educators to become adept in the selection, evaluation, and implementation of current technological tools. Some sections offered online or blended. (Offered as needed.) 3 credits
IES 451 - Educational Application of Technology	This course provides an overview of the uses of the range of educational applications of technology in the classroom. It includes but is not limited to the following content: using technology to communicate with and support students and families; blended and online learning environments; the use and adaptation of a variety of technological resources, including assistive technology; modeling and developing digital literacy in students; promotion of digital citizenship and the associated legal implications for the use of technology (e.g., Creative Commons license, ISTE, fair use, internet security, etc.); effective teaching strategies aligned with internationally recognized educational technology standards (e.g., ISTE); virtual collaboration; personalized and technology-rich lessons offering students multiple means to demonstrate learning; the use of technology to support assessment administration and data analysis; and the responsible use of social media and digital platforms and tools as a professional educator. Meets the professional clear requirements for classroom application of computers. Some sections of this course are taught online. Some sections of IES 451 and EDUC 551 are held together. Letter grade. (Offered as needed.) 3 credits
IES 490 - Independent Internship	Prerequisite, consent of instructor. An independent internship or observation, in which an upper-division student develops a learning, observational contract in conjunction with an on-site supervisor and a Chapman Attallah College faculty advisor. Forty hours of observation/internship are required per credit hour. Up to three credits (½-3) per internship site per semester may be earned through internship courses. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
IES 491 - Student-Faculty Research/Creative Activity	Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
IES 492 - IES Senior Seminar Internship	Prerequisites, IES 405 , integrated educational studies major, senior standing, consent of instructor. Seminar-based practicum in which students meet regularly as a group with a faculty member to share, discuss and evaluate their experiences in schools and other community-based educational settings, assemble IES ePortfolios, and complete Senior Capstone Project. (Offered every semester.) 3 credits
IES 499 - Individual Study	Prerequisites, consent of the dean of the Attallah College of Educational Studies, approval of petition. An opportunity for specialized study in an area of concern to the student and a certain amount of flexibility in programming for superior students. Not intended as a substitute for an established course. (Offered every semester.) 1-3 credits
INTI 490C - International Internship - Placement in AUS, NZ, CHN, CHILE	Prerequisites, at least junior standing or consent of instructor and 3.00 GPA or higher. This course provides the opportunity for students to participate in an eight-week internship in Australia, New Zealand, Shanghai, or Santiago, Chile and apply classroom learning to a professional business setting, particularly in terms of the communication-processes involved. Students will attend a pre-departure orientation; participate in a multi-day, in-country program introduction, and are placed with appropriate sponsors in Australia, New Zealand, Shanghai, or Chile relative to their major. Some sections of INTI 490C and INTI 490D are combined. Letter grade. May be repeated for credit. Fee: TBD. (Offered summer.) 3 credits
INTI 490D - International Internship - Placement in Prague	Prerequisites, at least junior standing or consent of instructor and 3.00 GPA or higher. This course provides the opportunity for students to participate in an eight-week internship in Prague and apply classroom learning to a professional business setting, particularly in terms of the communication-processes involved. Students will attend a pre-departure orientation; participate in a multi-day, in-country program introduction, and are placed with appropriate sponsors in Prague relative to their major. Some sections of INTI 490C and INTI 490D are combined. Letter grade. May be repeated for credit. Fee: TBD. (Offered summer.) 3 credits
INTI 490E - International Internship - Placement in SK, TH	Prerequisites, at least junior standing, consent of instructor and 3.00 GPA or higher. This course provides the opportunity for students to participate in an eight-week internship in South Korea or Thailand and apply classroom learning to a professional business setting, particularly in terms of the communication-processes involved. Students will attend a pre-departure orientation; participate in a multi-day, in-country program introduction, and are placed with appropriate sponsors in South Korea or Thailand relative to their major. Some sections of INTI 490C and INTI 490D Letter grade. Repeatable for credit if the topic is different. Fee: TBD. (Offered summer session.) 3 credits
INTI 494 - International Internship - Placement in Madrid	Prerequisites, at least junior standing or consent of instructor and 3.00 GPA or higher with language proficiency equivalent to 5 semesters of college-level Spanish. This course provides the opportunity for students to participate in a seven and a half-week Spanish speaking internship program in Madrid and apply classroom learning to a professional business setting, particularly in terms of the communication-processes involved. Students will attend a pre-departure orientation; participate in a multi-day, in-country program introduction, reside in home stay arrangements, and are placed with appropriate sponsors in Madrid relative to their major. P/ NP. Fee: TBD. (Offered summer.) 3 credits
INTI 495 - International Internship - Placement in Dublin	Prerequisites, at least junior standing or consent of instructor and 3.00 GPA or higher. This course provides the opportunity for students to participate in an eight-week internship program in Dublin and apply classroom learning to a professional business setting, particularly in terms of the communication-processes involved. Students will attend a pre-departure orientation; participate in a multi-day, in-country program introduction, and are placed with appropriate sponsors in Dublin relative to their major. P/NP. Fee: TBD. (Offered summer.) 3 credits
INTI 496 - International Internship - Placement in Italy	Prerequisites, ITAL 201 , at least junior standing or consent of instructor and 3.00 GPA or higher. This course provides the opportunity for students to participate in an eight-week Italian speaking internship in Italy and apply classroom learning to a professional business setting, particularly in terms of the communication-processes involved. Students will attend a pre-departure orientation; participate in a multi-day, in-country program introduction, and are placed in an Italian speaking, immersive internship, with appropriate sponsors in Italy relative to their major. Students receive regular feedback, and engage in assignments aiming to develop an ethical and critical perspective. Letter Grades assigned. Course may be repeated for credit. Fee: TBD. (Offered summer.) 3 credits
INTP 290 - Independent Internship	This course serves as a place holder for the 290 level internship to be used for on-time financial aid eligibility. This course only serves as a place holder while the student works to secure an internship site and formally register for the internship course through the Internship Portal. Students enrolled in INTP are required to enroll in an internship course by the 5th week of the semester. The internship course replaces the INTP on the student's schedule. Any INTP courses not replaced by a formal academic internship by the end of the 5th week will be withdrawn. INTP credits are subject to regular tuition and Fees and follow the regular add/drop or withdrawal tuition refund policy. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
INTP 490 - Independent Internship	This course serves as a place holder for the 490 level internship to be used for on-time financial aid eligibility. This course only serves as a place holder while the student works to secure an internship site and formally register for the internship course through the Internship Portal. Students enrolled in INTP are required to enroll in an internship course by the 5th week of the semester. The internship course replaces the INTP on the student's schedule. Any INTP courses not replaced by a formal academic internship by the end of the 5th week will be withdrawn. INTP credits are subject to regular tuition and Fees and follow the regular add/drop or withdrawal tuition refund policy. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
ITAL 101 - Elementary Italian I	This course presents the first principles of Italian language, geography, and culture and will enable you to communicate in Italian from the first day of class. You will be involved in a broad variety of assignments and activities that help you build your proficiency in listening, speaking, reading and writing while learning about Italian language and culture. (Offered every semester.) 3 credits
ITAL 101a - Elementary Italian I	Offered on location in Italy as a summer or interterm travel course. This course presents the first principles of Italian language, geography, and culture and will enable you to communicate in Italian from the first day of class. You will be involved in a broad variety of assignments and activities that help you build your proficiency in listening, speaking, reading and writing while learning about Italian language and culture. This course will typically travel with other Italian course sections. Fee: TBD. (Offered as needed.) 3 credits
ITAL 102 - Elementary Italian II	Prerequisite, ITAL 101. This course continues to present the beginning curriculum of Italian language, geography, and culture, following 101. You will be involved in a broad variety of assignments and activities that aim to build grammatical competence as well as proficiency in listening, speaking, reading and writing, and a continuously broadening knowledge of culture in its many high (art) and low (everyday life) facets. (Offered every semester.) 3 credits
ITAL 102a - Elementary Italian II	Prerequisite, ITAL 101. Offered on location in Italy as a summer or interterm travel course. This course continues to present the beginning curriculum of Italian language, geography, and culture, following 101. You will be involved in a broad variety of assignments and activities that aim to build grammatical competence as well as proficiency in listening, speaking, reading and writing, and a continuously broadening knowledge of culture in its many high (art) and low (everyday life) facets. This course will typically travel with other Italian course sections. Fee: TBD. (Offered as needed.) 3 credits
ITAL 199 - Individual Study	(Offered as needed.) 1-6 credits
ITAL 201 - Intermediate Italian I	Prerequisite, ITAL 102 This course continues to present the beginning curriculum of Italian language, geography, and culture, following 102. Emphasis is on the fundamentals of listening, speaking, reading and writing. "Real-life" activities will expose students to day-to-day contexts likely to be encountered in Italy, thus reinforcing more advanced grammatical structures learned in class and increasing functional skills. (Offered every semester.) 3 credits
ITAL 201a - Intermediate Italian I	Prerequisite, ITAL 102 Offered on location in Italy as a summer or interterm travel course. This course continues to present the beginning curriculum of Italian language, geography, and culture, following 102. Emphasis is on the fundamentals of listening, speaking, reading and writing. "Real-life" activities will expose students to day-to-day contexts likely to be encountered in Italy, thus reinforcing more advanced grammatical structures learned in class and increasing functional skills. This course will typically travel with other Italian course sections. Fee: TBD. (Offered as needed.) 3 credits
ITAL 202 - Intermediate Italian II	Prerequisite, ITAL 201 This course provides support for students needing additional practice in preparation for upper division courses. In this class, students review and deepen grammar structures acquired during their first three semesters of Italian and further expand their vocabulary. Particular attention is given to the development of reading and writing skills. Some sections of this course may be taught with ITAL 344. (Offered as needed.) 3 credits
ITAL 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
ITAL 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-6 credits
ITAL 301 - Conversation and Composition: Italian Regional Culture and Tradition	Prerequisite, ITAL 201 , or consent of the instructor. Students will practice conversational Italian and continue to build their skills in writing, reading, and listening. While the focus is on accuracy and fluency, the study of Italian culture will be integrated throughout. Students will read historical, literary and journalistic excerpts, and engage in a number of creative and critical activities focusing on specific regions and cities of Italy. In order to explore the various manifestations of Italian regional life, the coursework will entail the experience and examination of the peninsula's visual and musical culture, landscapes and cityscapes, folk arts and craft, and food culture. The various components of the course will flow into a semester-long creative writing assignment for which each student will research and compose a short life story of a fictional Italian character living in a specific area of Italy. The class will be conducted in Italian and paced to build linguistic competence. (Offered as needed.) 3 credits
ITAL 301a - Conversation and Composition: Italian Regional Culture and Tradition	Prerequisite, ITAL 201 , or consent of the instructor. Offered on location in Italy as a summer or interterm travel course. Students will practice conversational Italian and continue to build their skills in writing, reading, and listening. While the focus is on accuracy and fluency, the study of Italian culture will be integrated throughout. Students will read historical, literary and journalistic excerpts, and engage in a number of creative and critical activities focusing on specific regions and cities of Italy. In order to explore the various manifestations of Italian regional life, the coursework will entail the experience and examination of the peninsula's visual and musical culture, landscapes and cityscapes, folk arts and craft, and food culture. The various components of the course will flow into a semester-long creative writing assignment for which each student will research and compose a short life story of a fictional Italian character living in a specific area of Italy. The class will be conducted in Italian and paced to build linguistic competence. This course will typically travel with other Italian course sections. Fee: TBD. (Offered as needed.) 3 credits
ITAL 340 - History and Culture of Food in Italy	Prerequisite, ITAL 201 , or consent of the instructor. The courses proposes food history as an interdisciplinary approach to studying Italian culture and society, and as a framework for analyzing important aspects of Italian history. During the semester students will examine the changes that have occurred in Italian food throughout history and the important role played by food in shaping Italian national and regional identities. While continuing to develop language skills and knowledge, students will explore topics such as: the representations of food production and consumption in cinema and literature, industrialization of food production vs. and counter-culture movements, and the evolution of the cook book in Italy. The course includes field trips to Italian food companies in Southern California, visits by guest speaker, and cooking demonstrations. (Offered as needed.) 3 credits
ITAL 341 - Italian Cinema: Politics, Art, and Industry (Same as FS 443F)	This course is a survey of the history of Italian cinema. We will study how cinema has embodied Italian collective consciousness and identity and how it has evolved artistically at different moments during the 20th century. Particular attention will be given to Italian cinema's relationship with other national cinemas and Hollywood. We will read about and screen some of the most representational and influential films by directors such as Rossellini, De Sica, Fellini, Antonioni, Pasolini, Leone, Bertolucci and others. Among the topics discussed are: the birth of Italian cinema, silent cinema, cinema during Fascism, the aesthetic and ethical heritage of Neorealism, auteur cinema, collaboration practices, existential and abstract cinema, comedy Italian style, the advent of TV and the new genres of the 60s and 70s, and recent trends. Taught in English. (Offered as needed.) 3 credits
ITAL 342 - Advanced Italian Grammar and Stylistics	Prerequisite, ITAL 201 , or consent of instructor. Through inductive analysis, language play, textual interpretation, and writing activities, students will undertake an in-depth study of the subtle aspects of the Italian language. Students will read and study different types of texts including: the descriptive, the narrative, the lyrical, the essay, and the epistolary. Among the linguistic elements addressed by the class are: advanced grammar structures, lexical interferences between English and Italian, common rhetorical tropes, Italian idiomatic expressions, and patterns of linguistic variations across time and space. In addition to improving linguistic awareness and refining communication skills in Italian, the course aims to develop aesthetic appreciation and affective use of the language. (Offered as needed.) 3 credits
ITAL 344 - Advanced Italian Conversation and Composition	Prerequisite, ITAL 201 , or consent of instructor. Exercises in conversational Italian and composition. Discussions may be based on current activities and periodicals. Presentation of films. Content varies each time offered. Some sections of this course may be taught with ITAL 202 May be repeated for credit if a different topic. (Offered as needed.) 3 credits
ITAL 345 - Conversation and Composition: Introduction to Contemporary Italy	Prerequisite, ITAL 201 , or consent of instructor. Students will practice conversational Italian and continue to build their skills in writing, reading, and listening. While the focus is on accuracy and fluency in speaking, practice with other skills and the study of Italian culture will be integrated throughout (including different types of historical, literary and journalistic excerpts). Students will investigate topics such as national identity, terrorism, economy, family, immigration, emigration, criminality, politics and otherness as reflected in number of contemporary films and documentaries. The class will be conducted in Italian and paced to build linguistic competence. (Offered as needed.) 3 credits
ITAL 346 - Italian Translation for Tourism and Cultural Promotion	Prerequisite, ITAL 201 , or consent of instructor. The course opens with a brief history of tourism and examination of travel literature by Italian writers and about Italy as well as films providing varied representations of Italy. Students read and analyze texts on cultural marketing and hospitality management, identifying the strategies by which cultural sites and products are marketed to the world as part of the Made in Italy brand. Alongside its cultural discourse, the course also provides an introduction to the basic theories and principles of translation, a contrastive analysis of the Italian and English languages, and key translation strategies for the Italian-English language pairing. Assignments develop critical thinking and linguistic skills to translate the most common texts for the tourist, hospitality and cultural sectors. Taught in Italian. (Offered as needed.) 3 credits
ITAL 347 - Business Italian: Professional Language and Culture	Prerequisite, ITAL 201 , or consent of instructor. This course is designed to enhance the students' speaking, reading and writing skills, in addition to helping them build a strong foundation in business vocabulary and formal speech. The course aims to prepare students to accomplish tasks such as: write a curriculum vitae and a business letter; give a job interview; describe and promote a product; and read, prepare and present a business plan. Teaching approach allows opportunities for students to focus on their own particular professional needs and objectives. While developing linguistic skills, the course also aims to explore the current nature of the Italian economy and its social and historical ramifications. (Offered as needed.) 3 credits
ITAL 349 - The Forms of Italian Theater: History and Practice	Prerequisite, ITAL 201 , or consent of the instructor. Students engage in a study of various forms of Italian theater from the Renaissance till the Twentieth century, including Commedia dell'Arte, the puppet theater, and the work of playwrights such as: Niccolò Machiavelli, Carlo Gozzi, Carlo Goldoni, Giovanni Verga, Luigi Pirandello, Eduardo De Filippo and Dario Fo. As a means to better understand Italian culture, the texts are studied in relationship to the specific social environments that they represent. The literary, cultural, and historical discussion will be integrated with the development of communicative proficiency, through various exercises and creative activities. Taught in Italian. (Offered as needed.) 3 credits
ITAL 350 - The Made in Italy: Fashion, Design, and Material Culture	Prerequisite, ITAL 201 or consent of instructor. This course will provide students with a deep understanding of how Italian fashion culture has developed since the Renaissance within a unique craftsmanship and artisan context, and eventually rose to become a major influence on the global fashion arena. Emphasis will be placed on the "Made in Italy" brand, both in terms of its economic, cultural, and artistic significance. By analyzing a variety of texts and media that demonstrate the intersection of fashion and cultural history, students will learn to discuss design styles, trends, traditions, and their deeper implications. Letter grade. (Offered as needed.) 3 credits



ITAL 353 - The Short Narrative in Italian Culture: Oral Tradition, Literature, and Cinema	Prerequisite, ITAL 201 , or consent of instructor. This course examines the phenomenon of the short narrative in the Italian oral tradition, literature, and cinema. Storytelling has been a staple of Italian culture since the dawn of time, leading to a rich body of regional folk stories, works such as Boccaccio's Decameron, extraordinary collections of novellas, short stories, and short films in modern and contemporary times. In addition to introducing students to the style and cultural context of a number of modern narrators, the texts - characterized by suddenness, brevity, and rhythm - serve as the basis for critical analysis, and oral and written practice in the language. To encourage linguistic creativity, students will also be invited to produce their own short stories. (Offered as needed.) 3 credits
ITAL 354 - Songs of Italy: Voices of Yesterday and Today	Prerequisite, ITAL 201 or consent of instructor. This course guides students through the universe of Italian song with its historical, regional, and artistic complexity, while enabling them to develop language skills and knowledge of modern and contemporary Italian society through critical and creative activities. Though focusing on the work of the most influential modern and contemporary singer-songwriters, the course also traces intersections between the lyrical and musical traditions of Medieval and Renaissance times and considers Italy's many regional voices. (Offered as needed.) 3 credits
ITAL 357 - Serious Laughter: Italian Comedy of Yesterday and Today	Prerequisite, ITAL 201 , or consent of instructor. This course aims to provide an introduction to the cultural peculiarities of Italian humor as well as to develop the student's ability to currently interpret and produce humor in Italian. The curriculum entails the study of the tradition of Italian comedy in both high and lowbrow domains, in works of literature and theater from the Renaissance to modern times, in today's mainstream cinema, and in oral and popular culture and practices. (Offered as needed.) 3 credits
ITAL 375 - Masterpieces of Italian Literature	Prerequisite, ITAL 201 or consent of instructor. This course focuses on a number of authors who have embodied and shaped the literature and culture of Italy, from the Middle Ages until modern times. Students will analyze the style and context of significant works by authors such as Dante, Petrarca, Boccaccio, and Machiavelli. The readings will serve as a starting point for oral and written activities aimed at improving linguistic skills, critical thinking, and creativity. Students will engage in a number of self-directed projects exploring the creative potentials inherent in Italian literature of yesterday and today. Taught in Italian. (Offered as needed.) 3 credits
ITAL 377 - The New Italians: Immigration and Globalization in Twenty-First Century Italy	Prerequisite, ITAL 201 , or consent of instructor. In recent decades, Italy has transformed from being an emigrant country into one of Europe's main immigrant destination countries. This course explores causes and ramifications of this transformation, addressing topics such as racism, assimilation, citizenship, globalization, and tradition. By discussing and analyzing a selection of literary and filmic texts, some of which produced by immigrants, students develop their language skills and expand their understanding of the complexities of contemporary Italian society. The course features opportunities to directly engage with representative individuals and groups operating in Italy. (Offered as needed.) 3 credits
ITAL 385 - From Page to Screen: Literature and Film in Italy	Prerequisite, ITAL 201 , or consent of instructor. This course explores the evolution of the relationship between literature and film in Italy, focusing on their national and cultural functions, cases of collaborations between writers and directors, and especially strategies employed by filmmakers to adapt literary works to the screen. By engaging in detailed comparisons between cinematic adaptations and the novels, plays, and short stories on which they are based, students will learn about key Italian authors and develop their analytical skills in Italian. (Offered as needed.) 3 credits
ITAL 387 - Italian American Cinema (Same as FS 444M)	This course explores the connection between popular Hollywood film genres and Italian-American images such as the Latin lover, the prizefighter, and the gangster. Course readings provide a background for the critical discourse on Italian American immigration experience and ethnic identity, while the discussion takes into account different aspects of Italian American cultural production to further contextualize the films. The first part of the course is devoted to an exploration of the construction of negative and positive stereotypes of ethnicity in Hollywood films from the beginning of the 20th century to the 1970s, and to the analysis of influential films by Francis Ford Coppola and Martin Scorsese. The second part of the course focuses on the work of recent art film directors who have attempted to dislodge stereotypes and explore new perspectives, and examines recent developments of the representation of Italian-Americans in popular media culture in the US and Italy. Taught in English with optional coursework in Italian. (Offered as needed.) 3 credits
ITAL 399 - Individual Study	(Offered as needed.) 1-6 credits
ITAL 399a - Individual Study	Advanced coursework in Italian Studies integrating cultural and linguistic objectives. Offered on location in Italy as a summer or interterm travel course. This course will typically travel with other Italian course sections. Fee: TBD. (Offered as needed.) 3 credits
ITAL 490 - Independent Internship	Prerequisites, ITAL 201 , consent of instructor. Internships provide for integration of a student's academic and/or career interests with productive work experiences. P/NP. May be repeated for credit. (Offered as needed.) ½-6 credits
ITAL 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
ITAL 498 - Junior/Senior Seminar	Prerequisite, ITAL 201 or consent of instructor. Students will select a research topic on a subject related to film, literature, and/or linguistics in function with other disciplines related to the history, society, and culture of Italy. Students will conduct primary and secondary source research on the topic of their choice as they write entirely in Italian a 20-page (5,000 words not including the bibliography) capstone research paper. Letter grade. (Offered as needed.) 3 credits
ITAL 499 - Individual Study	(Offered as needed.) 1-6 credits
JPN 101 - Elementary Japanese I	Mastery of elementary level of Japanese Grammar, sentence structure and vocabulary, an overview of Japanese culture and customs. The class emphasizes communicative activities such as role-plays and interviews. 10 hours per semester of lab required. (Offered every year.) 3 credits
JPN 102 - Elementary Japanese II	Prerequisite, JPN 101 Mastery of elementary level of Japanese Grammar, sentence structure and vocabulary, an overview of Japanese culture and customs. The class emphasizes communicative activities such as role-plays and interviews. 10 hours per semester of lab required. (Offered every year.) 3 credits
JPN 199 - Individual Study	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 3-6 credits
JPN 201 - Intermediate Japanese I	Prerequisite, JPN 102 , or consent of instructor. Mastery of intermediate level of Japanese grammar, sentence structure and vocabulary. This course also provides students with ample practice of intermediate level conversational skills. Students will develop skills to apply learned vocabulary and phrases to similar occasions in real life. (Offered every year.) 3 credits
JPN 202 - Intermediate Japanese II	Prerequisite, JPN 201 , or equivalent, or consent of the instructor. More detailed review of intermediate level of Japanese grammar, sentence structure, kanji and vocabulary. This course also provides students with ample practice for intermediate level conversation. This class should be taken prior to Advanced Japanese Grammar (JPN 343 ) class or Business Japanese class. (Offered as needed.) 3 credits
JPN 301 - Intensive Kanji Study	Prerequisite, JPN 202 , or consent of instructor. Japanese sentences are written with a combination of kanji, hiragana and katakana. This course aims to extend a student's kanji vocabulary and to master 700-800 kanji through intensive study of independent characters and compounds. The course also addresses the history of the Japanese written language and other topics related to kanji, such as compound formation, orthographic aesthetics, and issues of literacy and new media (Offered as needed.) 3 credits
JPN 343 - Advanced Japanese Grammar and Composition	Prerequisite, JPN 202 , or consent of instructor. Designed for students who have a foundation in grammar, vocabulary, and written Japanese. Students perform exercises in conversational Japanese through activities such as discussions and debates, interviewing native speakers, and listening to Japanese used by native speakers in mass media and oral presentations. Selected films and videos on Japanese society and culture are presented. (Offered as needed.) 3 credits
JPN 345 - Japanese Conversation	Prerequisite, JPN 202 , or consent of instructor. Designed for students who have a foundation in grammar, vocabulary, and written Japanese. Students perform exercises in conversational Japanese through activities such as discussions and debates, interviewing native speakers, and listening to Japanese used by native speakers in mass media and oral presentations. Selected films and videos on Japanese society and culture are presented. (Offered as needed.) 3 credits
JPN 346 - Japanese Culture: Past and Present	Prerequisite, JPN 202 or consent of instructor. Mastery of fundamental intermediate grammar and cultural awareness to enhance READING skills for primary sources such as newspaper articles. The course also emphasize WRITING skills built around idiomatic expressions and complex grammatical structures. Letter grade. (Offered as needed.) 3 credits
JPN 347 - Business Japanese	Prerequisite, JPN 202 or consent of instructor. This course will assist the student in mastering Japanese communication skills in a business setting through oral practice, roleplaying, and exercises. This course will also provide the student with abundant background knowledge and information about Japanese culture, customs, and business protocol through lectures, videos, and discussions. Letter grade. (Offered as needed.) 3 credits
JPN 348 - Reading Japanese History	Prerequisite, JPN 202 or consent of instructor. The study of the geography, culture in different historical periods, people and society in contemporary Japan, and Japan's place and roles in the world. The class will be conducted in Japanese. Student-centered class with discussion and research. Letter grade. (Offered as needed.) 3 credits
JPN 349 - Advanced Japanese: Topics in Literature and Cinema	Prerequisite, JPN 202 or consent of instructor. This course is an advanced Japanese language course using authentic literary and cinematic texts as the basis for exploring social, aesthetic, and historical issues in Japan. Letter grade. May be repeated for credit. (Offered as needed.) 3 credits
JPN 350 - Topics in Japanese Cinema	Prerequisite, JPN 202 or consent of instructor. The course will be conducted entirely in Japanese, immersing students in a mode of thinking in the target language. As a topic course, the content will change every time it is offered. Close observation of Japanese films with attention to invisible impacts of filmic forms and assumptions on our emotions and thoughts. Students will examine works by Miwa Nishikawa, Kenji Uchida, Masahide Ichii, Nagisa Oshima, and Ozu Yasujiro. The complex relationship between images and sound, individual and the nation-state as well as cultural forms and its ideological effects will be discussed. The class will learn how to focus on subtle nuances behind generic storytelling by sampling various techniques and interpretative habits. Themes will include: gender and class, patriarchy and modernity, freedom and family tradition, Americanism and consumerism, identity and differences, technological mediation of consciousness, etc. Letter grade. May be repeated for credit. (Offered as needed.) 3-6 credits
JPN 399 - Individual Study	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 3-6 credits
JPN 490 - Internship	Prerequisite, consent of instructor. Internship courses give students the opportunity to earn academic credit while gaining practical work experience, an increased understanding of and exposure to a given career field, opportunities to translate classroom knowledge into "real-world" application, technical skills and more. By successfully completing internships, students become increasingly competitive candidates in the job market. Letter grade. This course is repeatable to a maximum of 3 credits. (Offered as needed.) 1-3 credits
JPN 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Letter grade. May be repeated for credit. (Offered every semester.) 1-3 credits
JPN 498 - Junior/Senior Seminar	Prerequisite, JPN 202 or consent of instructor. Students will select a research topic on a subject related to literature and/or linguistics in function with other disciplines related to the history, society or culture of Japan. Students will conduct primary and secondary source research on the topic of their choice as they write entirely in Japanese a 20-page (5,000 words not including the bibliography) capstone research paper. Letter grade. (Offered fall semester.) 3 credits
JPN 499 - Individual Study	Prerequisites, consent of instructor, seniors who have fulfilled advanced courses in Japanese. A student presents his/her research theme to an instructor at the beginning of the semester. A theme must be related to Japanese culture, arts, language, and society. Once an instructor and the Department approve the theme, the student presents more concrete plan that includes methods, resources, bibliography, and such. The student starts his/her research with an instructor's guidance. The thesis has to be written in Japanese. (Offered every year.) ½-6 credits
LAT 101 - Elementary Latin I	This course introduces Latin as the root of modern European languages; it emphasizes the relationship of the Romance languages and the Romance roots of the English vocabulary. No previous knowledge of Latin is required. (Offered as needed.) 3 credits
LAT 102 - Elementary Latin II	Prerequisite, LAT 101 This course introduces Latin as the root of modern European languages; it emphasizes the relationship of the Romance languages and the Romance roots of the English vocabulary. No previous knowledge of Latin is required. (Offered as needed.) 3 credits
LAT 201 - Intermediate Latin I	Prerequisite, LAT 102 Continue with mastery of basic vocabulary and structural patters, pronunciation, and discussion of issues of classical Roman culture. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
LAT 340 - Vergil and the Christian Poets	Prerequisite, LAT 201 This course examines the global influence of the Roman poet Vergil on the Christian poetic imagination from Late Antiquity to the Modern Era. We will devote the first half of the semester to reading Vergil's Fourth "Eclogue", known since its Christian reception as the "Messianic Eclogue" due to its perceived prediction of the birth of Christ, along with passages from "Aeneid" Book 6, whose depiction of the underworld continues to influence Christian notions of Hell. In the second half of the semester we will examine Vergil's impact on the development of a Christian poetics by reading works such as the "centos" of Proba, poems made up entirely of half-lines taken from the Vergilian opus and recombined to narrate stories from Scripture, and the martyr poems of the poet Prudentius, which rely on the epic language of the Aeneid to elevate the heroes of the Church. We will continue to explore Vergil's legacy in the Christian poetry of the Middle Ages through to the Modern Era by reading selections from Dante's "Divine Comedy" (in English translation) and Milton's "Paradise Lost", works indebted to the "Aeneid" in subject matter and structure. We will end the course by looking at recent allusions to Vergil in the work of poets from around the globe who are writing in an increasingly secularized world and ask whether a de-Christianized reception of the poet brings us any closer to an original context. (Offered as needed.) 3 credits
LAT 499 - LAT 499 Individual Study	(Offered as needed.) ½-6 credits
LEAD 101 - Introduction to Leadership: Principles and Practices	Foundational survey of leadership in which students develop an understanding of the essence of leading and leadership. Provides an overview of essential leadership theories, principles and practices. Through readings, discussion, self-assessment and experiential exercises, students clarify and implement their leadership philosophy. Topics include: vision, values, ethics, goal-setting, decision- making, team-building, change and potential participation in a co- curricular leadership project. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
LEAD 229 - Experimental Course	Prerequisite, LEAD 101 , or leadership studies minor, or consent of instructor. This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest in leadership. Some sections of this course may be restricted to leadership studies minors only. May be repeated for credit if course content is different, up to a maximum of 6 credits. (Offered as needed.) 1-3 credits
LEAD 240 - Leadership, Communication and Conflict Resolution	Prerequisite, sophomore standing, or consent of instructor. Examines conflict in everyday life with a particular focus on the role that communication plays in the development and resolution of conflict situations. Explores the development and understanding of self-concept and its relationship to interpersonal awareness, group interaction, group development and the maintenance of interpersonal/professional relationships, effective communication skills, and conflict management skills with a special emphasis on leadership roles. Students develop effective conflict resolution facilitation skills relevant to both personal and professional settings. (Offered interterm.) 3 credits
LEAD 260 - The Leader as Teacher and Coach	Prerequisite, integrated educational studies major or minor or leadership studies minor or consent of the instructor. Examines the intersection of leader as teacher, coach, and facilitator in a range of educational settings (e.g., high schools, training and development in organizations etc.). Examines leading as a way of being and doing, the challenges of courageously leading and teaching from authentic vulnerability, as well as a critical exploration of ways that the leader as teacher can create change in organizations. Topics include: Integrity, courage; the teacher as servant, coaching, facilitating, authentic leadership, building community in classroom settings, accountability, leading change. May be used to satisfy the "Leading with Integrity" or "Leading Change" requirement in the LEAD minor. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
LEAD 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
LEAD 301 - Theory and Practice of Leadership	Prerequisite, leadership minor, or cluster, or consent of instructor, or program coordinator. Examines leadership from theoretical and practical perspectives, including trait, behavioral and contingency models. Focuses on skills essential for creating organizations in which people can develop their potential as leaders. Topics include: leadership styles, communication, motivation, decision-making, integrity, teams, culture, diversity, and change. May be used by upper class or transfer students in the leadership studies minors to substitute for LEAD 101 Some sections of this course may be restricted to leadership studies minors only. (Offered every semester.) 3 credits
LEAD 302 - Developing Effective Teams: Understanding Yourself and Others	Prerequisite, LEAD minor, or LEAD cluster or consent of instructor. Explores theory and practice of team-building and benefits of team-based/shared leadership. Enhances participants' understanding of themselves and others, with emphasis on how personality type impacts group interactions. Topics covered through lecture, self-assessments, experiential exercises and hands-on team consulting projects include: Emotional intelligence, Jungian theory (temperament, interaction style, cognitive processes), stages of group development, conflict and collaboration, leadership communication, emotional intelligence, and the facilitation process. Includes participation in an adventure-based weekend retreat. (Offered every semester.) 4 credits
LEAD 303 - Organizational Administration: A European Context (Cannes)	Examination of European context of administration, with emphasis on France. Topics include: post-war economic transformation, socio-political system, dilemma of the welfare state, unemployment, health, retirement and French organizational culture, and origins and operations of the EU. 3 credits
LEAD 310 - Emotional Intelligence, Leadership and the Good Life	Prerequisite, LEAD 101 , or LEAD 301 , or integrated educational studies major, or minor, or declared leadership studies minor, or cluster, or consent of instructor. Develops emotional intelligence capacity for intentional personal and collective change. Develops self-awareness, leadership capability, relationship and collaboration skills. Interactive work with classmates enhances ability to relate to, collaborate with and potentially lead groups of diverse individuals. Topics include: Mindfulness, career and life aspirations, vision and values, neuroscience of emotional intelligence, innovation and initiative, managing conflict, coaching others, demonstrating citizenship. May be used to satisfy the "Leading With Integrity" elective in the LEAD minor. (Offered as needed.) 3 credits
LEAD 315 - Diversity and Inclusion in Leadership	Prerequisite, admission to the Leadership Studies Program or Women's Studies Minor or Women's and Gender Studies Minor or declared Leadership Themed Inquiry (Cluster) or consent of instructor. Experts agree there is an irreversible trend towards increasing workplace diversity. Explores importance of embracing inclusive practices that value cultural differences in the workplace and society particularly as applied to leadership. Topics address communication, teamwork, decision-making, and problem-solving, with special attention to primary dimensions of diversity (race, class, gender, sexual orientation, ability status, etc.). Reading, writing, research, and discussion are supplemented with exercises, role-plays, and simulations. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
LEAD 320 - Great Leaders: Ethics, Passion and Service	Prerequisite, leadership studies minor, or declared leadership-related cluster, or consent of instructor. Explores the role and origins of personal integrity, passion, and commitment to service in leadership. Examines the nature of leadership by delving into the psyche of leaders like Mahatma Gandhi, Eleanor Roosevelt, Dr. Martin Luther King, Jr. and Albert Schweitzer. Films, readings, case studies, and research into a famous leader's life and experiences. Some sections of this course may be restricted to leadership studies minors only. May be used to satisfy the Leading with Integrity requirement in the LEAD Minor. (Offered every year.) 3 credits
LEAD 333 - Theory and Practice of Career and Professional Development: Leading Your Life, Managing Your Career	Explores the career planning process, equipping students with vital career development skills to effectively assess, articulate, and secure professional career opportunities and managing one's career over a lifetime, including transitions and dual-career lifestyles. Topics include: work-life balance, developing an awareness of interests and strengths, initial career strategies (targeted resumes, cover letters, networking, interviewing skills, LinkedIn profile), building a career consonant with enduring Chapman values and norms (e.g., leading a life of service, preparation for an inquiring, ethical and productive life as a global citizen), dual career management, dealing with setbacks. Offered in collaboration with the Office of Career and Professional Development. P/NP. (Offered every semester.) 3 credits
LEAD 360 - Sports in Contemporary Society: A Leadership Perspective	Prerequisite, LEAD 101 , or LEAD 301 , or consent of instructor. A critical examination through the lens of leadership of the role of sports in contemporary society, across a wide range of social issues and topics, including: gender, race, class, power, aggression and violence, and community. Preference is given to students in the LEAD minor, or one of the IM clusters in leadership. (Offered fall semester.) 3 credits
LEAD 365 - Ethical Controversies in Sports and Leadership	Prerequisite, leadership studies minor or LEAD cluster or IES major or consent of instructor. Addresses contemporary/historical ethical controversies/dilemmas in sports and leadership. Focuses on the ideology of sport and how ethical leadership translates on - and beyond - the playing field. Topics may include: Steroid/PED's abuse, prejudice, sportsmanship, cheating, violence, accountability, fan behavior, mascots, nationalism, Olympic/FIFA bribery scandals, race and gender. Letter grade. (Offered every semester.) 3 credits
LEAD 382 - Principles of Effective Facilitation	Prerequisite, integrated educational studies (IES) major or minor or leadership studies minor or leadership themed inquiry (GE cluster) or consent of instructor. Explores the facilitation process as a core competency for teachers and leaders. Participants' skills are enhanced through a combination of class discussion, self-assessments and community-based facilitation to promote lasting learning and the ability to distinguish between training, coaching, presenting and facilitating. Topics include: Methods of engagement and stages of group development; Promoting inclusive learning environments by removing obstacles to participation; Creating and facilitating effective workshops; and more. Requires an outside community commitment t.b.d. Some sections may be designated for LEAD minors and/or LEAD cluster students only. Pass/No Pass. (Offered every year.) 3 credits
LEAD 383 - Critical Discourse, Social Change, and Positive Peace (Same as PCST 383) Prerequisite, integrated educational studies	How do we move from passive inaction to more active participation in response to oppression in its many forms? This course examines individuals and movements that have addressed both historical and contemporary gross violations of human rights including genocides and other atrocities. Students consider political, philosophical, and systemic theories of how change happens and explore their leadership implications. May be used to satisfy the "Leading Change" (applied capstone) requirement in the LEAD minor. (Offered every year.) 3 credits

LEAD 384 - Ethnic Studies Activism: Theory and Practice	Prerequisite, LEAD 101 , or LEAD 301 , or leadership studies minor, or declared leadership cluster, or consent of the instructor. Students study and practice Ethnic Studies social activism and community organizing, including participation in a campus event co-designed with community representatives. Topics focus on: The foundations of Ethnic Studies social justice; diversity, and equity, confronting racial prejudice and oppression; barriers to diversity and inclusion; theory and practice of social activism, service and leadership. May be used to satisfy the "Leading Change" (applied capstone) requirement in the LEAD minor. (Offered spring semester.) 3 credits
LEAD 385 - Democracy, Leadership and Civic Engagement	Prerequisite, leadership studies minor or declared leadership themed inquiry (GE cluster) or leadership related cluster or at least one previous course in LEAD or consent of instructor. Application of social change models of leadership to civic engagement and social justice issues in American society. Includes participation in a significant service-learning activity. Topics include: Social change model of leadership; power and collaboration; service and social responsibility; citizenship in a democratic society. May be used to satisfy the applied capstone requirement for the leadership studies minor. Some sections of this course may be restricted to leadership studies minors only. Pass/No Pass. (Offered every semester.) 3 credits
LEAD 390 - Service in Action Internship	Prerequisites, leadership studies minor and consent of instructor or leadership studies program office. Hands-on civic engagement or service-learning project in which students invest their humanity by seeking and finding how to serve (Schwelter). Students apply principles of servant leadership to link serving and learning through ongoing journaling, contextual analysis and reflective analysis of their experience. 40 hours of total effort (combined class time, reflection and writing, and on-site experience time) are required per credit hour. Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 1½-3 credits
LEAD 396 - Gender and Leadership	Prerequisite, LEAD 101 or LEAD 301 or LEAD 414 or consent of instructor. Examines gender differences in the practice of leadership, communication, ethical decision-making, and moral development. Topics include men's and women's approaches to influence, power, collaboration, leadership relationships, change, service, conflict and competition, and the forging of mutual purposes. (Offered interterm.) 3 credits
LEAD 397 - Leading as a Way of Serving: Pursuing Your Purpose in Life and Work	Prerequisites, LEAD 302 , and declared leadership studies minor, or consent of instructor. Contrasts Western conceptions of leadership with Eastern, Native American, and feminist models. Participants explore their purpose, work/wholeness and life-work balance, and focus on leading as a way of serving. Leadership theories are supplemented by experiential exercises, case studies, self-assessments, and a required weekend retreat. P/ NP. (Offered every year.) 4 credits
LEAD 401 - Mindfulness, Leadership and Organizations	Prerequisite, integrated educational studies major or leadership studies minor or leadership cluster or consent of the instructor. This course will delve into the theory and practice of mindfulness, the context surrounding mindfulness, leadership and organizations, the neuroscience of mindfulness, and contemporary applications of mindfulness in organizations. Topics include: Reasons to meditate, Methods of mindfulness, contemplative practices, mindfulness at work, mindfulness and the self, mindfulness and creativity, mindfulness and the inner work of leadership. Letter grade. (Offered as needed.) 3 credits
LEAD 410 - The Leader as Global Citizen: Democracy, Service and Collaboration in the European Union	Prerequisites, declared LEAD minor or LEAD Cluster or IES major or MLD student and consent of instructor through a competitive application process. Examines the intersection between democracy, service and leadership in the EU (European Union) with a particular emphasis on how these themes reflect one's preparation - and responsibilities - as a "global citizen." Topics include: Living a life of service (Albert Schweitzer); Leadership competencies for democracy; principles for living together as equals in culturally diverse societies; Servant leadership in international contexts; Citizenship, the economy, and government; service (collaboration, egalitarianism, and freedom) vs. power orientations (individualism, oppression, and authoritarianism). Travel Course. Fee: TBD. (Offered summer.) 3 credits
LEAD 429 - Experimental Course	Prerequisite, LEAD 101 , or leadership studies minor, or declared leadership-related cluster, or consent of instructor. This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest in leadership. May be repeated for credit if course content is different, up to a maximum of 6 credits. (Offered as needed.) 1-3 credits
LEAD 475 - Introduction to Students Affairs in Higher Education	Prerequisite, leadership studies minor, or declared leadership-related cluster, or integrated educational studies major, or consent of instructor. Explores the role of student affairs in higher education, including professional principles guiding student and campus life. Exposes students with interests in this area to the theoretical and philosophical foundations of student affairs and the range of student affairs programs and services. Seminar format. Topics include: Student development, campus culture, creating an inclusive climate, contemporary issues and trends, leadership and service. (Offered as needed.) 3 credits
LEAD 485 - Leadership in Times of Crisis: Case Studies in Disaster Response	Prerequisite, LEAD 101 or declared LEAD minor, or declared leadership-related cluster or consent of instructor. Examines leadership during times of (inter)national crisis to improve individual and community capacities to effectively address natural disasters and promote civic engagement during inflection points in social change. Contemporary leadership models (Relational Leadership, Servant Leadership) are applied to comprehensive case-study analysis of the 2005 Hurricane Katrina disaster as well as more recent events (e.g., Florence & Michael/2018; Harvey & Maria/2017; Sandy/2012). Topics include civic engagement, climate change, disaster preparation and relief, environmental and social justice, and governance responsibility. Includes travel to New Orleans to engage in service-learning/rebuilding efforts. May be used to satisfy the "Leading with Integrity" or "Leading Change" (applied capstone) requirements for the LEAD minor. P/NP. Fee: TBD. (Offered interterm.) 4 credits
LEAD 490 - Leadership in Action, Independent Internship	An independent practicum in which a student develops a learning contract in conjunction with an on-site supervisor and a Chapman leadership faculty advisor. 40 hours of total effort are required per credit hour of LEAD 490. P/NP. (Offered every semester.) ½-4 credits
LEAD 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
LEAD 492 - Leadership in Action, Seminar Internship	Seminar-based practicum in which interns meet regularly as a group with a faculty member to share, discuss, and evaluate their experiences. P/NP. (Offered as needed.) ½-4 credits
LEAD 495 - Selected Topics in Leadership and Organization Studies	Prerequisite, leadership studies minor, or declared leadership-related cluster, or consent of instructor. Covers special topics related to leadership and/or organization studies, subject to emerging situational, student and/or employer demands. Topics vary. May be repeated for credit if course content is different. (Offered as needed.) 1-3 credits
LEAD 497 - Senior Seminar: Leadership Integrative Capstone	Prerequisites, leadership studies minor, senior standing. Capstone course devoted to examining contemporary leadership issues and challenges. Students prepare a comprehensive leadership philosophy, covering both theory and practice. Includes a required retreat or fieldtrip. Progress toward LEAD Program objectives and career implications are also assessed. Letter grade. (Offered every semester.) 3 credits
LEAD 499 - Individual Study	Prerequisites, one previous course in LEAD, junior standing, consent of instructor, and leadership studies minor, or declared leadership-related cluster. Students engage in directed reading and/or research and then write a major paper on a special problem or topic related to leadership and organization studies. Intended for junior and senior students only. May be repeated for credit to a maximum of 6 credits. (Offered every semester.) 1-3 credits
MGMT 316 - Management of Organizations	Prerequisites, ACTG 210 , ECON 200 , ECON 201 , and MATH 109 , or MATH 110 Contemporary issues in management designed to improve managerial skills. Focuses on the three primary tasks of managers: managing strategy, managing structure, and managing behavior. Develops skills in strategic planning, organization design, motivation, leadership, decision-making, and implementing change. (Offered every semester.) 3 credits
MGMT 360 - Human Resources Management	Prerequisite, MGMT 316 This course examines the management of human resources in organizational settings. A systems model of human resources management is used as a framework for understanding the competitive advantages of strategically managing an organization's human resources. The goals of the course are to teach students to successfully design, implement, and evaluate human resource programs including planning, performance management, recruitment, selection, training, development, and compensation. Students examine the influence of internal organizational variables and external environmental variables on the ways that organizations manage their human resources to successfully compete in today's market. Letter grade. (Offered every year.) 3 credits
MGMT 470 - International Business Management	Prerequisites, ECON 200 , ECON 201 , MKTG 304 , MGMT 316 A course of study designed to examine the role of business firms in the international business environment. The thrust of the course is to study the environmental relationships, cultural and political impacts, and the effects on the community of nations as the international business community grows and spreads. Specific management problems that are inherent in multinational activities are of prime importance. (Offered every semester.) 3 credits
MGMT 480 - Human Behavior in Organizations	Prerequisite, MGMT 316 The purpose of this course is to familiarize students with the use of basic theories of individual, group, and macro-organizational behavior in addressing managerial and enterprise challenges. Case studies and experiential exercises are used to allow students to apply theory to practice. (Offered every year.) 3 credits
MGMT 484 - Digital Transformation of the Entertainment Industries	Prerequisites, ECON 200 , ECON 201 , MKTG 304 , MGMT 316 The digitization of entertainment goods - goods like books, music, movies, and television - has profoundly impacted the way that such goods are produced, sold, and promoted. It has weakened the effective strength of copyright and altered the balance of power in existing industries. And the changes are far from over. This course will examine the fundamental economic principles behind how firm and consumer behavior have changed in these industries and attempt to use these principles to predict what changes we can expect to see ongoing, how firms should respond, and where there is opportunity to proactively shape the future of entertainment. (Offered every year.) 3 credits
MGMT 496 - Special Topics in Management	Some sections of this course may require prerequisites or corequisites In-depth study of a specific area; content of course changes every semester. May be repeated once. (Offered as needed.) 3 credits
MGMT 499 - Individual Study	Prerequisite, approval of petition. For students who wish to pursue a special area of study not included in the curriculum. Maximum of 6 credits. (Offered every semester.) 1-3 credits
MGSC 209 - Introductory Business Statistics	Prerequisite, MATH 109 , or MATH 110 Emphasis on the use of statistics as an aid in reaching business decisions. Central tendency and dispersion, probability theory; discrete and normal distributions, sampling theory, sampling distributions, and statistical inference in business-related problems. Testing hypotheses in large and small samples. Correlation and regression analyses. (Offered every semester.) 3 credits
MGSC 220 - Foundations of Business Analytics	Prerequisite, MGSC 209 or MATH 203 or PSY 203 This course focuses on building models and describing data in spreadsheets to solve business problems. Topics in descriptive, predictive and prescriptive analytics are covered including data visualization, multiple regression, simulation and linear optimization. Emphasis is placed on theory, application of theory using appropriate software and on managerial interpretation of results. (Offered every semester.) 3 credits
MGSC 300 - Management Information Systems	Prerequisites, ACTG 210 , ECON 200 , ECON 201 and MATH 109 , or MATH 110 Builds a basic understanding of the value and uses of information systems for business operations, management decision making, and strategic advantage. (Offered every semester.) 3 credits
MGSC 310 - Statistical Models in Business Analytics	Prerequisite, MGSC 220 A rigorous introduction to descriptive and inferential statistics in analytics with applications in accounting, finance, marketing and operations. The course focuses on data mining: logistic regression, nearest neighbor, decision trees, naive Bayes and others, following a review of basic introductory statistical methods. The course introduces theories and concepts in estimation including choice of technique, model choice and false discovery. Students are required to implement and interpret modeling scripts in using R statistical software. Letter grade. (Offered every year.) 3 credits
MGSC 346 - Production and Operations Management	Prerequisite, MATH 203 , or MGSC 209 Study of the production/operations management function. Topics include operations strategy, forecasting, inventory control, scheduling, queuing theory, project management, facilities layout, and quality assurance. The focus of this class will be on problem solving. Computer software will be used extensively. (Offered every semester.) 3 credits
MGSC 406 - Advanced Experimental Design and Statistics	Prerequisites, MATH 203 or MGSC 209 or equivalent and behavioral and computational economics major. Advanced statistics as employed in the construction and optimization of experimental designs and subsequent analysis of data. Between-designs and one- and two-way ANOVA in detail from a linear modeling and least squares perspective (to match basic econometrics); power planning; general tests of contrasts; within-designs and repeated measures designs. Letter grade. (Offered spring semester.) 3 credits
MGSC 410 - Applied Business Analytics	Prerequisites, MGSC 310 , CPSC 392 This course provides a hands-on opportunity for students to integrate and apply the analytics skills and knowledge learned throughout the course to real world data. The course will reinforce the analytics and techniques typically used in analytics including data preparation, building and evaluating wide variety of models and interpreting and presenting the results. Students work in teams on a large scale analytics project. At the end of the course, students submit a report summarizing their analyses and study outcomes, and present their results to the class. (Offered every year.) 3 credits
MGSC 496 - Special Topics in Management Science	In-depth study of a specific area, content of course changes every semester. May be repeated once. (Offered as needed.) 3 credits
MGSC 499 - Individual Study	Prerequisite, approval of petition. For students who wish to pursue a special area of study not included in the curriculum. Maximum of 6 credits. (Offered every semester.) 1-3 credits
MKTG 304 - Marketing	Prerequisites, ECON 200 , ECON 201 , ACTG 210 and MGSC 209 , or MATH 203 and MATH 109 , or MATH 110 The marketing of goods and services and the role of marketing in the economy. Topics include: the marketing environment and the marketing management function; market analysis including buyer behavior and market segmentation; marketing mix policies including product, channel, promotion, and pricing; and public policies toward marketing. (Offered every semester.) 3 credits
MKTG 305 - Fundamentals of Marketing for Non-Majors	Prerequisite, non-ASBE majors. An introductory course in marketing for non-business majors. The primary objectives of this course are to develop an understanding of the marketing philosophy, the marketing processes and institutions, and to develop management-oriented decision-making skills. (Offered every semester.) 3 credits
MKTG 404 - Advertising and Promotion Strategy	Prerequisite, MKTG 304 , or MKTG 305 This course examines the role of advertising and sales promotion and other promotional techniques in the total marketing effort including the setting of goals and objectives, message strategy, message tactics, media strategy, and media topics. Some sections may be restricted for majors or minors only. (Offered every year.) 3 credits
MKTG 405 - Digital Marketing	Prerequisite, MKTG 304 , or MKTG 305 This course provides a contemporary perspective on how the Internet and social media can be used to develop and maintain effective customer relationships. (Offered every year.) 3 credits
MKTG 406 - International Marketing	Prerequisites, MGMT 316 , and MKTG 304 , or MKTG 305 Study of international marketing opportunities and constraints, including cultural differences, political and legal issues, and economic concerns. (Offered every semester.) 3 credits
MKTG 407 - Marketing Research	Prerequisites, MGSC 209 , or MATH 203 , and MKTG 304 , or MKTG 305 Application of analytical tools to marketing problems including markets, products, distribution channels, sales efforts, and advertising. Emphasis on planning, investigation, collection, interpretation of data, and presentation of results. (Offered every year.) 3 credits
MKTG 408 - New Product Development	Prerequisite, MKTG 304 , or MKTG 305 New products and services are essential to increase sales, profits and even company survival rate in many industries. Unfortunately, the failure rate of new product/service introductions is increased because of a lack of understanding of the new product development process itself. This course examines new product/service development form opportunity identification through launch. Best industry practices, development team dynamics, integration of products and services to offer higher value/benefits to users, sales forecasting and a semester-long marketing plan project are all cornerstones of the course. (Offered every year.) 3 credits
MKTG 409 - Consumer Behavior	Prerequisite, MKTG 304 , or MKTG 305 Consumer Behavior studies consumers as social beings, within families and organizations, as well as acting as individuals. In addition to purchase decision making, this course examines consumer experiences, and the rituals and patterns often associated with products and services. Consumer behavior borrows tools and theories from all the social sciences, and this multidisciplinary approach is an integral part of this course. (Offered every year.) 3 credits
MKTG 420 - Marketing Analytics	Prerequisites, MGSC 220 , MKTG 304 This course's primary objective is to help students learn tools and techniques for analyzing data and developing insights that improve the effectiveness of marketing-related managerial decisions. Letter grade. (Offered every semester.) 3 credits
MKTG 455 - Sales Management	Prerequisites, MGMT 316 , and MKTG 304 , or MKTG 305 Selling principles, prospecting, communication skills, building rapport, presentation skills, negotiation, closing and customer service/follow-up. Sales forecasting, planning, and management of sales teams. Selection, training, motivation, compensation, and control of sales force. (Offered as needed.) 3 credits
MKTG 457 - Marketing Strategy	Prerequisite, MKTG 304 The primary objective of this course is to explore issues in strategic marketing and key factors that influence the formulation of marketing strategy. The course devotes a fair amount of attention to marketing issues confronting multi-product, multi-market, and multinational organizations. The course emphasizes learning-by-doing with the objective that students internalize rather than memorize strategy-related issues, concepts, and approaches. Students are also expected to learn to present persuasive oral and written reports. The course features a semester-long marketing simulation project, several case analyses, and involves substantial amount of work in teams. (Offered every year.) 3 credits
MKTG 458 - Services Marketing	Prerequisite, MKTG 304 Marketing principles applied to service companies. Principles and strategies for marketing services and non-manufactured products. Consumer behavior and expectations of service industries, delivery, and pricing issues. (Offered as needed.) 3 credits
MKTG 496 - Special Topics in Marketing	Prerequisite, MKTG 304 (Some topics may require additional prerequisites). In-depth study of a specific area; content of course determined by student interest and instructor. May be repeated once for credit. (Offered as needed.) 3 credits
MKTG 499 - Individual Study	Prerequisite, approval of petition. For students who wish to pursue a special area of study not included in the curriculum. Maximum of 6 credits. (Offered every semester.) 1-3 credits
MACI 311 - Teaching and Learning Math Concepts, Skills and Critical Thinking Prerequisites, admission to integrated education	The focus of this course is to prepare teacher candidates for teaching K-12 math concepts, skills and critical thinking in California's public schools. Candidates will become familiar with the California Common Core State Standards (CCSS) and the principles underlying how students learn math. Candidates will learn effective ways to design instruction in order to include all learners in accessible and rigorous problem-solving to develop both conceptual and procedural skills. The class will explore psychological aspects of mathematics learning, such as math anxiety and encouraging all students to see themselves as mathematicians. Students will participate in a praxis to tutor elementary and/or secondary students. Letter grade. (Offered spring semester.) 5 credits
MACI 312 - Contextual Teaching and Learning of Science	Prerequisites, junior standing, consent of instructor and admission to integrated educational studies major or M.A. in Curriculum and Instruction program or STEM education minor or secondary education minor. Given the diverse nature of California's populations, this course prepares future teachers with the background knowledge, skills and abilities they will need to engage K-12 students in ways that promote mastery of science content and a love of learning. Aligned with the Next Generation Science Standards and Common Core State Standards, the content focus of this course will include the Science and Engineering Practices, Disciplinary Core Ideas in the biological and physical sciences, Cross Cutting Concepts, as well as differentiating instruction for students who represent different ability, language, and experiential backgrounds. Letter grade. (Offered as needed.) 3 credits
MACI 313 - Teaching History/Social Studies for Diverse Learners	Prerequisites, junior standing, consent of instructor and admission to integrated educational studies major or M.A. in Curriculum and Instruction program or STEM education minor or secondary education minor. This course prepares future teachers K-12 in the methods of teaching history/social studies from critical multicultural and social justice frameworks to all students, especially those who are racialized, classed and gendered in society. The course examines the transformative potential of history/social studies grounded in students' lives and civic engagement. Opportunities to use models of culturally responsive teaching that support student engagement, critical thinking and character/ethical development will be used-with application of current state standards and integration of inquiry skills into history/social studies curriculum and assessment. Letter grade. (Offered as needed.) 3 credits
MACI 409 - Literacy and Learning: Teaching of Reading	Prerequisite, admission to the MACI track. This course is about K-12 literacy learning and development from a sociocultural framework in the context of teaching diverse student populations. This course is designed to give teacher candidates an understanding of the elements of research-based literacy learning, including content area literacy, within the context of a balanced literacy paradigm. Candidates will understand connections between reading, writing, speaking, and listening in language arts learning and instruction. Candidates will learn evidence-based instructional strategies in a balanced literacy program between explicit and authentic literacy experiences. The course pays special attention to students from diverse racial, cultural, linguistic, neurodiverse, socio-economic, and other areas of difference and the material consequences of literacy acquisition. Students will participate in a 25-hour praxis to tutor a primary grade student. Letter grade. (Offered as needed.) 5 credits
MACI 430 - Second Language Acquisition and Academic Development in Multicultural Settings	Prerequisites, admission to MACI track, junior standing, Integrated Educational Studies major, consent of instructor. Given California's diverse socioeconomic and cultural-linguistic student populations, this course prepares candidates to teach K-12 students who are acquiring English as a second language. This course provides pedagogical, curricular, and community strategies for fostering key knowledge, skills, and abilities English learning students need to access, engage with, and achieve in grade-level academic content for language arts and other subjects. The course builds upon relevant research and theories of general English Language Development (ELD) and integrated ELD models that emphasize ELD in the content-areas. Students in the course will examine the differences between a language disability and language acquisition and how to address the differences in the IEP assessment process. The course includes a fieldwork component. Some sections may be offered in blended/hybrid format. (Offered as needed.) 3 credits
MACI 431 - Developing Effective Educational Environments	Prerequisite, admission to the MACI track. This course is designed to give teacher candidates a broad overview of educational environments including current research, theoretical perspectives, and practical applications. Candidates will begin developing pedagogical approaches and classroom management strategies that are contextually and culturally responsive, inclusive, equitable, and restorative, in order to create positive and productive learning environments. Candidates also will critically reflect on their own identities, beliefs, and educational experiences, the prevailing beliefs and practices of current teachers, and the implications for working in culturally diverse classrooms and schools. Letter grade. (Offered as needed.) 3 credits
MACI 464 - English Language Acquisition and Issues of Diversity	Prerequisite, admission to the MACI track or special education credential program. This course explores current theories on language acquisition and the practical applications of theoretical knowledge as they pertain to K - 12 and special education. The course focuses on issues involved in first and second language acquisition, assessment and literacy development from a socio-psycholinguistic point of view, including socio-cultural and political factors. It addresses the State English Language Development (ELD) standards, assessment, planning for literacy and content area instruction and program options. Students in the course will examine the differences between a language disability and language acquisition and how to address the differences in the IEP assessment process. Some sections of MACI 464 and EDUC 564 are held together. Letter grade. (Offered fall semester.) 3 credits



MACI 493 - Instructional Design and Educational Assessment	Prerequisites, admission to MACI track, consent of instructor. This course introduces teacher candidates to relevant research and applicable theories that pertain to instruction and assessment. Candidates will develop a more complete understanding of curriculum design, as it relates to content knowledge acquisition and student developmental needs. Instructional design and assessment development and application will focus on the application of principles of Universal Design for Learning. This course also introduces candidates to research and practices in educational assessment, including reliability, validity, bias, and fairness. Other topics include summative and formative assessment, testing and standards, student and teacher assessment, and use of assessment results in developing present levels of performance and IEP goals for students with disabilities. Group variations in test performance, and the educational and political uses of achievement tests, will be critically examined. Letter grade. (Offered spring semester.) 3 credits
MATH 100 - Learning Mathematics for Understanding I	Corequisite, MATH 100L This course is designed to support students in becoming self-sufficient learners regardless of their concentration. The main goal is to focus student attention on critical engagement, exploration, discussion and communication related to studying mathematics for understanding. The material is based on familiar algebra topics such as solving equations and inequalities, exponents and rational expression operations, concepts of polynomial, exponential and logarithmic functions. The course provides an introduction to how to succeed in a non-calculus based university level quantitative inquiry course. P/NP. (Offered every semester.) 3 credits
MATH 100L - Lab - Learning and Studying Mathematics for Understanding I	Consquisite, MATH 100 The lab is designed to support and enhance the material covered during class time. Students will be able to engage analytically with the assigned material. This lab is a component of MATH 100 P/NP. (Offered every semester) 1 credit
MATH 101 - Learning and Studying Mathematics for Understanding II	Corequisite, MATH 101L This course is designed to support students in becoming self-sufficient learners regardless of their concentration. The main goal is to focus student attention on critical engagement, exploration, discussion and communication related to studying mathematics for understanding. The material is based on familiar pre-calculus topics such as functions and graphs, polynomial, rational, exponential, logarithmic and trigonometric functions. The course provides an introduction to how to succeed in a calculus based university level quantitative inquiry course. Pass/No Pass. (Offered every semester.) 3 credits
MATH 101L - Lab - Learning and Studying Mathematics for Understanding II	Consquisite, MATH 101 The lab is designed to support and enhance the material covered during class time. Students will be able to engage analytically with the assigned material. This lab is a component of MATH 101 Pass/No Pass. (Offered every semester.) 1 credit
MATH 108 - The Nature of Mathematics	Prerequisite, MATH 100 or equivalent. The course will explore a range of practical mathematical topics including problem solving, financial management, logic, sets and probability. Problem solving is a main focus of the course. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
MATH 109 - Calculus with Applications in Business and Social Science	Prerequisite, MATH 100 or equivalent. In this course, students study the mathematical theory of continuous change with an emphasis on using the theory to analyze real-world phenomena. The key ideas have to do with how quantities (cost, for example) relate to their rate of change (marginal cost). Study includes limits, theory and interpretation of differentiation and integration, and the key linking idea: the Fundamental Theorem of Calculus. Applications include marginal analysis, optimization, modeling by differential equations. Students who take MATH 109 or MATH 110 may not also receive credit for MATH 115 Some sections of this course may be offered as hybrid courses or online only. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
MATH 110 - Single Variable Calculus I	Prerequisite, MATH 101 or equivalent. Students study single variable functions, limits and continuity, differentiation, applications of derivatives (approximations, curve plotting, optimization), antiderivatives, the definite integral, and applications of integration. Students who take MATH 109 or MATH 110 may not also receive credit for MATH 115 Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
MATH 111 - Single Variable Calculus II	Prerequisite, MATH 110 or MATH 115 Further techniques and applications of integration, transcendental functions, exponential models, logistic equations, infinite and power series, Taylor's theorem, parametric equations, and polar coordinates. Students who take MATH 111 or MATH 210 may not also receive credit for MATH 116 Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
MATH 115 - Accelerated Calculus Part I: Differentiation and Integration	Prerequisite, MATH 101 or equivalent. This course is an intensive introduction to the calculus of elementary functions and its applications to science. Students study fundamental concepts of limits, continuity, and derivatives, and explore the derivatives and integrals of polynomials, rational functions, exponentials, logarithms, and trigonometric functions, followed by the chain rule, implicit differentiation, logarithmic differentiation, applications of differentiation, optimization, definite integrals, Riemann sums and the fundamental theorem of Calculus, applications of integration, integration techniques and methods, sequences and series, introduction to differential equations, power series. Students who take MATH 109 or MATH 110 may not also receive credit for MATH 115. Letter grade. (Offered fall semester.) 4 credits
MATH 116 - Accelerated Calculus Part II: Series, Differential Equations and Multivariable Calculus	Prerequisite, MATH 115 This course is the second part of an intensive introduction to the calculus of elementary functions and its applications to science. Students will explore Taylor Series, model exponential growth, sinusoidal oscillation, and logistic convergence through simple differential equations, continue with calculus of functions of two or more variables and of vector-valued functions. Optimization of functions of several variables, Lagrange multipliers, multiple integrals and integration of vector fields, divergence and curl, line and surface integration, Green, Stokes, and Divergence Theorems. This is the second part of a two-semester accelerated Calculus course. Students who take MATH 111 or MATH 210 may not also receive credit for MATH 116. Letter grade. (Offered spring semester.) 4 credits
MATH 199 - Individual Study	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-6 credits
MATH 203 - Introduction to Statistics	Prerequisite, MATH 100 or equivalent. This course provides a progressive, detailed, and practical introduction to essential topics in classical statistics. The main concepts covered in this class include the following: design of experiments and sampling, descriptive statistics methods, correlation and regression analysis, probability and probability distribution, sampling distributions, and inferential statistics methods. This course is intended for students in a wide variety of areas of study so a variety of examples from different fields are used to illustrate the concepts. The course is taught in an interactive setting where students will learn how to use statistical software while learning introductory statistics concepts. Some sections of this course may be offered as hybrid courses or online only. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
MATH 208 - Foundations of Geometry	Prerequisite, MATH 100 or equivalent. Students in this course will examine the fundamentals of geometry through rigorous proofs. Students will come away with an understanding of Euclidian and non-Euclidian geometries, systems of axioms, classical theorems, and geometric transformations. The main objective of this course is to provide students with a solid understanding of the history, development, and philosophical significance of geometry in the context of its mathematical foundations. This course prepares students for further proof-intensive mathematics courses. It is also recommended for future mathematics teachers. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MATH 210 - Multivariable Calculus	Prerequisite, MATH 111 Students learn the calculus of functions of two or more variables, vector-valued functions, multiple integrals, and integration in vector fields. Students who take MATH 111 or MATH 210 may not also receive credit for MATH 116 Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
MATH 211 - Linear Algebra	Prerequisite, MATH 111 or MATH 116 Students study vector spaces, inner product spaces, linear transformations, matrices, determinants, systems of linear equations, eigenvalues and eigenvectors. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MATH 215 - Introduction to Linear Algebra and Differential Equations	Prerequisite, MATH 111 or MATH 116 Introduction to the solutions of ordinary differential equations and their connection to linear algebra. Topics include matrix algebra, systems of linear equations, vector spaces, inner product spaces, linear transformations, eigenvalues and eigenvectors, differential equations, systems of linear differential equations, and the Laplace transform. (Offered fall semester.) 3 credits
MATH 220 - Scientific Computing I (Same as PHYS 220)	3 credits
MATH 229 - Experimental Course	May be repeated for credit. (Offered as needed.) 3 credits
MATH 250 - Discrete Mathematics I	Prerequisite, MATH 101 or equivalent. This course provides the student with an introduction to the fundamental mathematics of discrete phenomena and computation. This is a key course in the CPSC curriculum as it provides the theoretical background needed for many upper-division courses including Data Structures (combinatorics, formal languages), Logic Design (Boolean algebras, number representation) and Integrated Circuit Design (automata theory, finite state minimization, graph layout). Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
MATH 260 - Number Theory	Prerequisite, MATH 111 or MATH 115 This course covers the ring of integers, divisibility, prime numbers and factorization, number-theoretic functions such as the Moebius function and the Euler function, congruences, Moebius inversion, perfect numbers, Diophantine equations, and quadratic residues. Letter grade. (Offered as needed.) 3 credits
MATH 280 - Mathematics Tutoring	Prerequisite, MATH 101 or equivalent. The course will provide an exploration of the theory and practice of math peer tutoring and will provide training in the knowledge and fundamental skills useful to math tutors. Through readings, lectures, class discussions, group work, and activities, students will be introduced to the academic and personal skills that characterize effective tutors. The course will provide an introduction to contemporary learning theories and learning enhancement techniques and will assist students in developing appropriate applications to individual and group learning situations. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
MATH 290 - Independent Internship	May be repeated for credit. (Offered as needed.) 1-6 credits
MATH 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
MATH 299 - Individual Study	Prerequisites, freshman, or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-6 credits
MATH 303 - Biostatistics	Prerequisite, MATH 101 This course will provide a comprehensive introduction to various statistical methods with emphasis on applications in biology, medicine, and public health. Main concepts such as sampling distributions, contingency tables, linear, logistic and survival analysis will be studied with a mathematically rigorous approach. Letter grade. (Offered as needed.) 3 credits
MATH 310 - History of Mathematics	Prerequisite, MATH 110 or MATH 115 Chronological study of the development of mathematics. Emphasis on the solution of selected mathematical problems associated with historical periods. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MATH 315 - Linear Algebra II (Advanced Linear Algebra)	Prerequisite, MATH 211 or MATH 215 This course covers vector spaces, inner product spaces, linear maps, matrices, determinants, eigenvalues and eigenvectors, operators on inner product spaces, operators on complex vector spaces. (Offered spring semester.) 3 credits
MATH 330 - The Origins of Western Civilization: Mathematics and Philosophy in Magna Graecia and Ancient Sicily (Same as CO 330)	3 credits
MATH 350 - Differential Equations	Prerequisite, MATH 211 or MATH 215 This course covers first-order differential equations, linear equations of higher order, introduction to systems of differential equations, linear systems of differential equations, and Laplace transform methods. (Offered fall semester.) 3 credits
MATH 352 - Discrete Mathematics II	Prerequisite, MATH 250 This course provides the mathematical background and computational tools needed for many applications such as artificial intelligence, automatic theorem proving, bioinformatics, and data mining. This is an important course in the MATH and CPSC curriculum with topics including logic, relations, ordered sets, graphs, trees, sorting, Boolean algebras, digital circuits, automata and Turing machines. (Offered spring semester, alternate years.) 3 credits
MATH 360 - Probability Theory	Prerequisite, MATH 116 or MATH 210 This course introduces the fundamental concepts of probability theory. Topics include counting techniques, probability, conditional probability, Bayes theorem, multivariate distributions, discrete and continuous probability distributions, functions of random variables, marginal distributions, Central Limit Theorem and sampling distributions. This course is a prerequisite for Mathematical Statistics. Letter grade. (Offered fall semester, alternate years.) 3 credits
MATH 361 - Mathematical Statistics	Prerequisite, MATH 360 This course introduces the fundamental concepts in statistics. Topics include modes of convergence, maximum likelihood, UMVUE, Rao-Kramer theorem, sufficiency and completeness, Lehmann-Scheffe theorem, confidence intervals, hypothesis testing, generalized likelihood ratio test, tests for genetic association, contingency tables, linear models. (Offered spring semester, alternate years.) 3 credits
MATH 370 - Special Topics in Mathematics	May be repeated for credit. (Offered as needed.) 3 credits
MATH 380 - Introduction to Abstract Algebra	Prerequisite, MATH 250 A first course on algebraic structures, including semigroups, monoids and groups, with many examples, some basic concepts and results about these structures (subalgebras, homomorphisms, Cayley's theorem, Lagrange's Theorem, isomorphism theorems, modular arithmetic) and applications to error-correcting codes and cryptography Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
MATH 390 - Introduction to Differential Geometry	Prerequisite, MATH 116 or MATH 210 Students will learn elements of elementary differential geometry. They will study the classification of curves and surfaces in the Euclidean space, as well as enter the world of abstract curves and surfaces. Letter grade. (Offered spring semester, alternate years.) 3 credits
MATH 399 - Individual Study	Prerequisite, consent of instructor. (Offered as needed.) ½-6 credits
MATH 440 - Topology	Prerequisite, MATH 211 or MATH 215 Topology studies the general concept of continuity and those properties of spaces that are preserved by continuous functions. Some important topics include construction of topological spaces and continuous functions, nets and filters, density, connectedness, compactness, metrizable spaces, separation axioms (especially Hausdorff separation.) Scott topologies, and sober spaces. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
MATH 450 - Real Analysis	Prerequisite, MATH 116 or MATH 210 A course in advanced calculus and real analysis. Students will explore properties of the real number system, sequences and series of real numbers, the Heine-Borel and Bolzano-Weierstrass Theorems, continuity and uniform continuity, sequences, and series of functions. Letter grade with Pass/No Pass option. (Offered fall semester, alternate years.) 3 credits
MATH 451 - Complex Analysis	Prerequisite, MATH 450 Rigorous treatment of basic complex analysis: complex numbers, analytic functions, Cauchy integral theory and its consequences, power series, residue calculus harmonic functions, and conformal mapping. (Offered as needed.) 3 credits
MATH 453 - Foundations of Quantum Mechanics (Same as PHYS 453)	3 credits
MATH 454 - Numerical Analysis	Prerequisite, MATH 211 or MATH 215 Students study and come to understand the basic algorithms of numerical computation as used in approximation, numerical integration and differentiation, solution of equations, and solution of differential equations. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
MATH 460 - Modern Algebra	Prerequisite, MATH 380 Concepts from group theory are extended to cover rings, integral domains, fields, vector spaces and Galois theory, with applications to geometry, algebraic coding theory and solvability of polynomials by radicals. (Offered spring semester.) 3 credits
MATH 481 - Auction and Market Design (Same as ECON 481)	3 credits
MATH 490 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) 1-6 credits
MATH 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
MATH 499 - Individual Study	Prerequisites, B average in mathematics courses, consent of instructor. Independent research/study in many different aspects of mathematics, from algebra and analysis to applied mathematics. May be repeated for credit. (Offered every semester.) ½-6 credits
MUS 097 - Rudiments of Sight Singing	Prerequisite, consent of instructor. Rudiments of Sight-Singing is a preparatory course, covering material that all incoming students with voice as their primary instrument are expected to have already mastered. The purpose of this course is to address: Melodic and rhythmic notation reading skills; Skills in pitch recognition and reproduction; note naming; basic music vocabulary; score reading. P/NP. (Offered fall semester.) 2 non-degree credits
MUS 098 - Rudiments of Music	Prerequisites, music major, or minor only, and consent of instructor. Rudiments of Music is a preparatory course, covering material that all incoming BM and BA music students are expected to have already mastered. This course will cover pitch and rhythmic notation, scales, key signatures, intervals, triads, basic music reading skills, and aural skills. P/NP. (Offered spring semester.) 3 non-degree credits
MUS 101 - Introduction to Music	For non-music majors and minors only. A course designed to give the student a grasp of the major styles and trends of Western music, from Gregorian chant to the present. (Offered every semester.) 3 credits
MUS 102 - Compendium of Western Music History	Prerequisites, music major, or minor, and pass MUS 133 with a "C" or better, or consent of instructor. For music majors and music minors only. A course designed to give the music student a grasp of the major styles and trends of Western music, from Gregorian chant to the present. (Offered every semester.) 3 credits
MUS 102A - Compendium of Western Music History I	Prerequisites, music major or minor and pass MUS 133 with a "C" or better, consent of instructor. For music majors and music minors only. A course designed to give the music student a grasp of the major styles and trends of Western music, roughly c. 500 to 1780. Letter grade. (Offered fall semester.) 3 credits
MUS 102B - Compendium of Western Music History II	Prerequisites, music major or minor and pass MUS 133 with a "C" or better, pass MUS 102A with a C or better, consent of instructor. For music majors and music minors. A course designed to give the music student a grasp of the major styles and trends of Western music, roughly c. 1750 to present. Letter grade. (Offered spring semester.) 3 credits
MUS 103 - Guitar	Prerequisite, MUS 133, or consent of instructor. All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240. per credit for music majors and minors; \$520. per credit for others. (Offered every semester.) 1-4 credits
MUS 104 - Piano	All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240. per credit for music majors and minors; \$520. per credit for others. (Offered every semester.) 1-4 credits
MUS 105 - Voice Class	The study of beginning singing technique and literature in a small group situation. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$100. (Offered every semester.) 1 credit
MUS 106 - Voice	All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240. per credit for music majors and minors; \$520. per credit for others. (Offered every semester.) 1-4 credits
MUS 107 - Collaborative Piano	All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240. per credit for music majors and minors; \$520. per credit for all others. (Offered every semester.) 1-4 credits
MUS 111 - Accompanying Class	Prerequisite, consent of instructor. The development of skills in piano accompaniment of vocal or instrumental performance. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$100. (Offered every semester.) ½ credit
MUS 112 - Introduction to Alexander Technique	Prerequisites, music or theatre or dance major or minor and consent of instructor. An interactive class introducing and exploring the principles of the Alexander Technique. Material covered will include providing a physical understanding of poise and improved coordination in practice, rehearsals, and performance; developing skills to reduce anxiety and reactions to stress; learning to reduce unnecessary muscular tension that can lead to physical discomfort and pain. Pass/No Pass. This course may be repeated for credit. Fee: \$100. (Offered spring semester.) 1 credit
MUS 113 - Beginning Guitar Class	An introductory course in playing the guitar. The emphasis will include basic sitting position and technique, music notation, first year repertoire, and pedagogy of guitar. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$100. (Offered every semester.) 1 credit
MUS 116 - Studio Class	Prerequisite, consent of instructor. Periodic meetings of students enrolled in similar private lesson instruction to study solo and ensemble repertory, pedagogical materials and teaching methods. (section CON, conducting; section KB, keyboard; section KCA, keyboard collaborative arts; section OR, orchestral instrument; section GU, guitar; section VO, voice.) Some sections of MUS 116 will be offered with MUS 316 P/NP. May be repeated for credit. (Offered every semester.) ½ credit
MUS 122 - Musical Cultures of the World	Prerequisite, non-music major, or minor. A survey of non-western musical traditions with an emphasis on the musical, aesthetic, and anthropological factors that help to define culture: Africa, Asia, the Americas. (Offered every semester.) 3 credits

MUS 123 - Orchestral Instruments	All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240, per credit for music majors and minors; \$520, per credit for others. (Offered every semester.) 1-4 credits
MUS 123A - Jazz Improvisation	Prerequisites, consent of instructor. Applied private instruction in jazz improvisation. All private music lesson instruction courses carry a variable load; MUS 123A may be taken for 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$240, per credit for music majors and minors. Fee: \$520, per credit for other students. (Offered every semester.) 1-4 credits
MUS 124 - String Methods Class	The technique and pedagogy of stringed instruments. No special fee is charged. (Offered fall semester.) 1 credit
MUS 125 - Woodwind Methods Class	The technique and pedagogy of woodwind instruments. No special fee is charged. (Offered spring semester.) 1 credit
MUS 126 - Brass Methods Class	The technique and pedagogy of brass instruments. No special fee is charged. (Offered spring semester.) 1 credit
MUS 127 - Percussion Methods Class	The technique and pedagogy of percussion instruments. No special fee is charged. (Offered fall semester.) 1 credit
MUS 128 - Fundamentals of Music Theory	Prerequisite, music technology minor, or any other non-music major, or non-music minor. This course is designed for students who wish to further their knowledge of the inner-workings of music. The objective is to develop musical vocabulary and critical listening skills, which will include in-depth analysis of song forms. The course will cover music notation, scales and modes, key signatures, intervals, triads, lead-sheet notation, chords, and basic aural skills. (Offered as needed.) 3 credits
MUS 129 - Experimental Course	(Offered as needed.) 1-3 credits
MUS 130 - Fundamentals of Aural Skills	Prerequisites, consent of instructor. Exercises in singing major and minor scales and diatonic intervals. Exercises in sight singing and prepared singing of diatonic melodies in both major and minor mode. Sight and prepared rhythmic exercises in simple and compound meters. Interval recognition. Beginning triad and seventh chord quality recognition. Melodic dictation using diatonic melodies in major and minor modes. Letter grade. (Offered fall semester.) 2 credits
MUS 133 - Theory I	Prerequisite, consent of instructor. This course covers music notation, rhythm, scales, key signatures, intervals, triads, seventh chords and figured bass and diatonic harmonic progression. Exercises in species counterpoint. Four-part voice-leading and simple compositional exercises including non-harmonic tones. Diatonic harmonic analysis from 18th and early 19th century literature. Introduction to chromaticism. MUS 133 can be met by passing the appropriate section of the music theory placement exam. Letter grade. (Offered fall semester.) 2 credits
MUS 134 - Theory II	Prerequisite, pass MUS 133 with a "C" or better, or pass music theory placement exam. Prerequisite for B.M. composition major, pass MUS 133 with a "B" or better, or pass music theory placement exam. Overview of chromaticism including review of secondary functions: Modulation, mode mixture, Neapolitan triad, augmented sixth chords. Introduction to cadences, phrases, periods, simple part-forms, invertible counterpoint. 2-part invention, 3-part invention. Continuing exercises in harmonic analysis, 4-part voice leading, and composition. MUS 134 can be met by passing the appropriate section of the music theory placement exam. (Offered spring semester.) 2 credit
MUS 135 - Aural Skills I	Prerequisite, pass freshman diagnostic examination, or MUS 098 Exercises in singing major and minor scales and diatonic intervals. Exercises in sight signing and prepared singing of diatonic melodies in both major and minor mode. Sight and prepared rhythmic exercises in simple and compound meters. Interval recognition. Triad and seventh chord quality and inversion recognition. Melodic dictation using diatonic melodies in major and minor modes. Diatonic harmonic progression dictation including inversions. MUS 135 can be met by passing the appropriate section of the music theory placement exam. (Offered fall semester.) 1 credit
MUS 136 - Aural Skills II	Prerequisite, pass MUS 135 with a "C" or better, or pass aural skills placement examination. Prerequisite for B.M. composition major, pass MUS 135 with a "B" or better, or pass aural skills placement examination. Exercises in singing major and minor scales and chromatic intervals. Exercises in sight singing and prepared singing of chromatic melodies in both major and minor mode. Sight and prepared syncopated rhythmic exercises and exercises in changing asymmetrical meters. Melodic dictation using chromatic melodies in major and minor modes. Chromatic harmonic progression dictation including inversions. MUS 136 can be met by passing the appropriate section of the music theory placement exam. (Offered spring semester.) 1 credit
MUS 198A - Studio Recital, Accompanied	Prerequisite, consent of instructor. Studio recitals are not required for degree. Sophomores/Freshman with a major in B.M. Performance, B.M. Music Education and/or B.M. Composition may perform in a studio or showcase recital. The recital will be shared with students from your studio (or combined studios) with a minimum of 3 students on the program. One recital date is allowed per studio per semester. Exceptions can be made for performance or composition majors on a case-by-case basis, at the discretion of the area director, if the director determines the student is ready and should perform a full solo recital in that case, the student would register for MUS 298 appropriate section. P/NP Fee: \$150. (Offered every semester.) 0 credit
MUS 198B - Studio Recital, Unaccompanied	Prerequisite, consent of instructor. Studio Recitals are not required for degree. Sophomores/Freshman with a major in B.M. Performance, B.M. Music Education and/or B.M. Composition may perform in a studio or showcase recital. The recital will be shared with students from your studio (or combined studios) with a minimum of 3 students on the program. One recital date is allowed per studio per semester. Exceptions can be made for performance or composition majors on a case-by-case basis, at the discretion of the area director, if the director determines the student is ready and should perform a full solo recital in that case, the student would register for MUS 298 appropriate section. P/NP No Fee. (Offered every semester.) 0 credit
MUS 199 - Individual Study	Prerequisites, music major, or minor, and consent of instructor. Individual study. Topics will vary. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-6 credits
MUS 201A - History of Rock	Open to non-music majors. This course examines the evolution of rock music in American and global history and culture. The class aims to explore the reflection of American politics and popular culture in the popular music of each generation (focusing on the rock music tradition). Non-American music and non-rock music will be viewed in the context of its influence and connection to US culture and music of the times. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 201B - Music, Race and Place in the U.S.	Open to non-music majors. This course will explore how popular music serves to define and articulate racial identities, as well as physical and imagined spaces, in the United States. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 201C - Protest Music	Open to non-music majors. This course will focus on the rich and varied traditions of protest music in American and Global popular culture. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 201D - Country Music	Open to non-music majors. This course will explore country music, also known as country-western music, and will include the historical, economic, religious, and racial milieu in which the music was produced. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 201E - Popular Music: LGBTQ Perspectives	Open to non-music majors. This course will examine musical cultures of the 20th and 21st centuries that are created by or are of interest to lesbians, gay men, bisexuals, transgender people, and other sexual minorities. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 201F - All That Jazz	Open to non-music majors. This course will explores the significant historical and sociological impacts of jazz, America's original art form. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 201G - Popular Music: Music of the 1980s	Open to non-music majors. This course will explore social, political, and historical context to some of the most popular and most influential music of the 1980s as well as politics, gender, and sexuality in the United States and England during this era, with a particular emphasis on the HIV/AIDS crisis. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 201H - Music of the Classic Rock Era	Open to non-music majors. This course examines the rapid development and expansion of rock music during the 1960's and 1970's. The class aims to explore the influence of American politics and popular culture in the rock music of this period. The course will critically reflect upon the expansion of rock into new subgenres and styles, and how these branches contrast and overlap with each other, as well as other non-rock styles of music. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 201I - Music, Politics and Social Movements	Open to non-music majors. This course examines the historical context and development of popular American musical forms from the nineteenth century until the present day in our contemporary global society. Specifically, this music as how Americans have used music as a vehicle for dissent, mobilization, and political expression. The class aims to explore the reflection of American politics and popular culture in popular musics from different generations. Non-American music will be viewed in the context of its influence and connection to US culture and music of the times. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
MUS 202 - Music and Gender	Open to non-music majors. This course is for students who wish to explore some of the interfaces between two fundamental aspects of human culture and identity-music and gender. Certain basic qualities of gender very strongly resemble basic qualities of music--each is a kind of performance, yet each is intrinsically embodied. Starting from this fundamental tension-in-common, we will explore the binaries that constrain our thinking about gender and the intersections of gender and music with sex, social class, and race, through their manifestations in a range of Western European and U.S. musics. (Offered as needed.) 3 credits
MUS 203 - Global Popular Music	Open to non-music majors. This survey of global pop explores musical thought and processes through an examination of the development of "world music" and "world beat," including its meaning and importance to contemporary culture as well as its history and impact. Intended to provide students with a basic understanding of the international popular music scene from its explosion at the close of the 20th century thru the present day, this course questions the meaning and importance of this trend in contemporary culture. It explores the complex relationships of music and mass media while addressing themes of nationalism, popular resistance and subversion, censorship, transnational identity, gender representation, and cultural hegemony. (Offered as needed.) 3 credits
MUS 205 - Singing for Actors and Dancers	Prerequisite, theatre, or theatre performance, or screen acting major, or dance major. The study of singing technique and performance in a small group situation. Class is structured toward performance of musical theater literature for the theater and dance major. May be repeated for credit. Fee: \$100. (Offered every semester.) 1 credit
MUS 207 - University Choir	Prerequisite, consent of instructor. The University Choir, a selected ensemble, is open to students of all disciplines at Chapman University upon successfully passing an interview and audition. Some sections of MUS 207 may be held with MUS 307 Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 209 - University Singers	Prerequisite, consent of instructor. The University Singers, a selected ensemble with major emphasis on chamber literature, is open to students of all disciplines at Chapman upon successfully passing an interview and audition. Some sections of MUS 209 may be held with MUS 309 Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 210 - Opera Chapman	Prerequisite, consent of instructor. A class of selected students devoted to the study of scenes, ensembles and arias from the standard operatic or musical theatre literature, with emphasis on the singing actor, stage deportment, and the special techniques of the operatic singer. Performances of scenes, or complete operas, or musicals. Some sections of MUS 210 may be held with MUS 310 Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered spring semester.) 1 credit
MUS 214 - University Women's Choir	Prerequisite, consent of instructor. The university women's choir, a selected ensemble, is open to students of all disciplines at Chapman University upon successfully passing an interview and audition. Some sections of MUS 214 may be held with MUS 314 Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 215 - Wind Symphony	Prerequisite, consent of instructor. The wind symphony offers performance experience to qualified students at Chapman University. Some section of MUS 215 will be held with MUS 315 Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 217 - From the Page to the Stage: A Course for Singers	Prerequisite, MUS 108 This is an introductory movement and acting course for singers. The course will explore stagecraft terms, score preparation, operatic etiquette, character development, non-restrictive movements, improvisation, and audition techniques. (Offered fall semester.) 2 credits
MUS 218 - Big Band	Prerequisite, consent of instructor. The big band offers rehearsal and performance experience of traditional, modern, and original Big Bang Jazz repertoire to qualified students at Chapman University. Some sections of MUS 218 may be held with MUS 318 Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 219 - Opera Chapman Scenes	Prerequisite, consent of instructor. A class of selected students devoted to the study of scenes and arias from the standard operatic or musical theatre literature, with emphasis on the singing actor, stage deportment and the special techniques of the operatic singer. Performances of scenes in a small ensemble setting. Some sections of MUS 219 may be held with MUS 319 Letter grade. May be repeated for credit as course content changes every semester. (Offered fall semester.) 1/2 credit
MUS 221 - The Chapman Orchestra	Prerequisite, consent of instructor. Study and performance of standard and contemporary music literature, open to qualified students of Chapman University and members of the community. Public concerts on campus and in the community. Concert tour may be included during interterm. Some sections of MUS 221 may be held with MUS 321 Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 223 - Diction for Singers I - English and Italian Diction	An in-depth study of the International Phonetic Alphabet, its pronunciation and application for singers to English and Italian. (Offered fall semester.) 1 credit
MUS 225 - Diction for Singers II - German Diction	Prerequisite, MUS 223, or consent of instructor. An in-depth study of the International Phonetic Alphabet, its pronunciation and application for singers to German. (Offered spring semester.) 1 credit
MUS 227 - Diction for Singers III - French Diction	Prerequisite, MUS 223, or consent of instructor. An in-depth study of the International Phonetic Alphabet, its pronunciation and application for singers to French. (Offered fall semester.) 1 credit
MUS 229 - Experimental Course	May be repeated for credit. (Offered as needed.) 3 credits
MUS 230 - Introduction to Composition and Songwriting	Prerequisite, MUS 128, or consent of instructor. Open to non-music majors. Intended for musicians who are not music majors, this course assists students in writing their own music, breaking down essential components of music theory, song structure and basic compositional techniques common to many musical styles. The course format involves lecture, workshoping of works in progress, in class performance, improvisation and discussion. (Offered as needed.) 3 credits
MUS 231 - Introduction to Music Education	Introductory course in Music Education intended to provide historical, philosophical, and practical foundations for the teaching of music. This course includes a lecture and required laboratory component held at different times, as well as a fieldwork requirement. (Offered spring semester.) 3 credits
MUS 233 - Theory III	Prerequisite, pass MUS 134 with a "C" or better or for B.M. in composition major must pass MUS 134 with a "B" or better or pass music theory placement exam. Overview of harmonic practice during the late 19th-century including the Neapolitan chord, mode mixture, secondary chords to mode mixture and Neapolitan, augmented sixth chords, enigmatic dominant, and altered dominants. Introduction to large forms including sonata form (and its hybrids), rondo form, inventions, 3 and 4-voice fugues. MUS 234 can be met by passing the appropriate section of the music theory placement exam. Letter grade. (Offered fall semester.) 2 credits
MUS 234 - Theory IV	Prerequisites, pass MUS 102, MUS 233 with a "C" or better, or pass music theory placement examination. Prerequisites for B.M. composition major, pass MUS 102, MUS 233 with "B" or better, or pass music theory placement examination. Overview of the materials, techniques and structure of western art music since 1900, including neotonalilty, atonality, serialism, minimalism, linear counterpoint, and aleatory. (Offered spring semester.) 2 credits
MUS 235 - Aural Skills III	Prerequisite, pass MUS 136 with a "C" or better, or pass aural skills placement examination. Prerequisite for B.M. composition major, pass MUS 136 with "B" or better, or pass aural skills placement examination. Exercises in sight singing and prepared singing of chromatic melodies including highly disjunct melodies and modulating melodies and modulating textures. Exercises in sight singing a counter melody. Continued rhythmic exercises using all metrical types and including sight reading counterhythms. Melodic dictation using chromatic melodies in major and minor modes including modulating melodies. Chromatic harmonic progression dictation including modulating progressions and notation of soprano and bass lines. (Offered fall semester.) 1 credit
MUS 236 - Aural Skills IV	Prerequisites, pass MUS 102, MUS 235 with a "C" or better, or pass aural skills placement examination. Prerequisites for B.M. composition major, pass MUS 102, MUS 235 with "B" or better, or pass aural skills placement examination. Exercises in singing seven, six, and five note modes and scales. Exercises in identifying neotonal sonorities. Prepared and sight reading of modal, atonal, and serial melodies. Melodic dictation using modal, atonal, and serial melodies. Rhythmic transcription including polymetric textures. (Offered spring semester.) 1 credit
MUS 238 - Improvisation: Techniques and Experiments	Prerequisites, pass MUS 102, MUS 135 with a "C" or better, or consent of instructor. The study of western and non-western improvisational technique (including jazz), theory, application, and aesthetic, with immediate and hands-on application by student-participants. (Offered every semester.) 1 credit
MUS 239 - Film Music	Prerequisites, introductory-level understanding of basic musical elements, consent of instructor. This course will cover the role of music in American, European, and World cinema, changes in film music style from the early silents to the current day, cross-cultural differences in the scoring of films, the compositional process when writing for film, and the process of adding music to film in post-production. (Offered spring semester.) 3 credits
MUS 244 - Principles of Music Technology	Prerequisite, pass MUS 098 or pass MUS 128 with at least a C or pass diagnostic exam or consent of instructor. Students must possess basic skills and knowledge of music notation, fundamentals of music, and computer literacy. This course will introduce students to necessary skills for the production of electronic music, computer music notation, the musical instrument digital interface (MIDI), sound recording and editing techniques, digital data management, and electronic music history. (Offered every semester.) 2 credits
MUS 248 - Audio-Video Concert Recording and Archiving	Prerequisite, consent of instructor, pass diagnostic examination in computer literacy and basic AV recording skills. Students must possess basic skills and knowledge of microphone set-up, audio and video software. This course will introduce students to necessary skills for audio and video archiving and delivery of sound and video formats on the internet. (Offered every semester.) 3 credits
MUS 249 - Film Music Composition I	Prerequisites, proficiency in basic western harmony, notation, and orchestration practices, and consent of instructor. This introduction to the role of music in film examines how to achieve an effective score. Topics include spotting: the practical and psychological considerations of music placement; methods of synchronizing score to picture; and the dramatic utilization of melody, harmony, rhythm, and orchestral texture. Student composers write and record cues. (Offered as needed.) 3 credits
MUS 251 - Sophomore Vocal Coaching	Prerequisite, sophomore standing, consent of instructor. An introductory course which focuses on the fundamental aspects of vocal coaching in a group setting. Students will study operatic arias and art song in Italian, French, German, and English. Discussion of musical considerations relating to style and textual considerations. May be repeated for credit. Fee: \$100. (Offered every semester.) 1 credit
MUS 260 - Electroacoustic Music I	Prerequisite, MUS 244, or consent of instructor. This course forms the first semester of the electroacoustic composition course sequence. Aspects of musique concrete, acousmatic, signal processing, digital recording, and an intro to live-electronic music are covered. In its approach the course will provide a combination of theoretical background and hands-on instruction, in order to familiarize the student with work in the studio (hardware, signal flow) and to facilitate the use of various software applications in a creative context. (Offered fall semester, alternate years.) 2 credits
MUS 277 - Music Composition	Prerequisites, B.M. composition major, sophomore standing, consent of instructor. A structured approach to composing music, from small to larger complex forms. May be repeated for credit as course content changes every semester. (Offered every semester.) 2 credits
MUS 280 - Music Information Literacy	This course provides an overview of what is necessary for music information literacy, from the introductory to the advanced level. Though taken in students' second year, the topics covered will inform the work they produce throughout their music studies and will prepare them for writing program notes, senior capstone research projects, and even for graduate work. It is required for all music majors. P/NP. (Offered every semester.) 0 credit
MUS 290 - Intern Program	Prerequisites, music major, or minor, and sophomore standing, consent of instructor, consent of department chair. This course provides students with the opportunity to receive credit for internships with off-campus music organizations. P/NP. May be repeated for credit. (Offered every semester.) 1/2-3 credits
MUS 297 - Applied Private Instruction in Composition	Prerequisites, music major, or minor, and consent of instructor. Applied private instruction in music composition. All private music lesson instruction courses carry a variable load; MUS 297 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$100, per credit. (Offered as needed.) 1-3 credits
MUS 297A - Applied Private Instruction in Conducting	Prerequisite, consent of instructor. Applied, private instruction in conducting. All private music lesson instruction courses carry a variable load; MUS 297A may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$100, per credit. (Offered every semester.) 1-3 credits
MUS 297B - Applied Private Instruction in Score Reading	Prerequisite, consent of instructor. Applied, private instruction in score reading. All private music lesson instruction courses carry a variable load; MUS 297B may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$100, per credit. (Offered every semester.) 1-3 credits
MUS 298A - Junior Recital - Half Solo Program, Accompanied	Prerequisite, consent of instructor. Junior recitals are not required for degree. Juniors with a major in B.M. Performance, B.M. Music Education and/or B.M. Composition may perform a shared recital. There must be a minimum of two students on the program. Juniors must have passed their UDP to perform a recital. Exceptions can be made for performance or composition majors on a case-by-case basis, at the discretion of the area director, if the director determines the student is ready and should perform a full solo junior recital. P/NP. Fee: \$250. (Offered every semester.) 0 credit



MUS 298B - Junior Recital - Half Solo Program, Unaccompanied	Prerequisite, consent of instructor. Junior recitals are not required for degree. Juniors with a major in B.M. Performance, B.M. Music Education and/or B.M. Composition may perform a shared recital. There must be a minimum of two students on the program. Juniors must have passed their UDP to perform a recital. Exceptions can be made for performance or composition majors on a case-by-case basis, at the discretion of the area director, if the director determines the student is ready and should perform a full solo junior recital. P/NP: No fee. (Offered every semester.) 0 credit
MUS 298C - Junior Recital - Full Solo Program, Accompanied	Prerequisite, consent of instructor. Junior recitals are not required for degree. Juniors with a major in B.M. Performance, B.M. Music Education and/or B.M. Composition may perform a shared recital. There must be a minimum of two students on the program. Juniors must have passed their UDP to perform a recital. Exceptions can be made for performance or composition majors on a case-by-case basis, at the discretion of the area director, if the director determines the student is ready and should perform a full solo junior recital. P/NP: Fee: \$400. (Offered every semester.) 0 credit
MUS 298D - Junior Recital - Full Solo Program, Unaccompanied	Prerequisite, consent of instructor. Junior recitals are not required for degree. Juniors with a major in B.M. Performance, B.M. Music Education and/or B.M. Composition may perform a shared recital. There must be a minimum of two students on the program. Juniors must have passed their UDP to perform a recital. Exceptions can be made for performance or composition majors on a case-by-case basis, at the discretion of the area director, if the director determines the student is ready and should perform a full solo junior recital. P/NP: No fee. (Offered every semester.) 0 credit
MUS 301 - Music History and Literature I	Prerequisite, pass MUS 102 or MUS 102B with a "C" or better. Prerequisite for B.M. composition major, pass MUS 102 or MUS 102B with a "B" or better. The study of Western music styles and genres in historical and cultural context; the periods of Antiquity, Medieval, and Renaissance music. up to c. 1600. (Offered fall semester, alternate years.) 3 credits
MUS 302 - Music History and Literature II	Prerequisites, pass MUS 102 or MUS 102B with a "C" or better, and MUS 134 with a "C" or better. Prerequisites for B.M. composition major, pass MUS 102 or MUS 102B with a "B" or better, and MUS 134 with a "B" or better. The study of Western music styles and genres in historical and cultural context. Covers the transition to the Baroque period through transition to the Classical period c. 1580-1750. (Offered fall semester, alternate years.) 3 credits
MUS 303 - Music History and Literature III	Prerequisites, pass MUS 102 or MUS 102B with a "C" or better, and MUS 233 with a "C" or better. Prerequisites for B.M. composition major, pass MUS 102 or MUS 102B with a "B" or better, and MUS 233 with a "B" or better. The study of Western music styles and genres in historical and cultural context. Covers the Classical and Early Romantic periods, c. 1750-1850. (Offered every semester.) 3 credits
MUS 304 - Music History and Literature IV	Prerequisites, pass MUS 102 or MUS 102B with a "C" or better, and MUS 234 with a "C" or better. Prerequisites for B.M. composition major, pass MUS 102 or MUS 102B with a "B" or better, and MUS 234 with a "B" or better. The study of Western music styles and genres in historical and cultural context. Covers the late Romantic period and early 20th century, c. 1850-1950. (Offered fall semester.) 3 credits
MUS 305 - Advanced Guitar	Prerequisite, junior standing. All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240, per credit for music majors and minors; \$520, per credit for others. (Offered every semester.) 1-4 credits
MUS 306 - Advanced Voice (Non-Performance Majors)	Prerequisites, consent of instructor, junior standing, and music major, or minor. Advanced study in vocal technique. All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240, per credit for music majors and minors; \$520, per credit for others. (Offered every semester.) 1-4 credits
MUS 307 - University Choir	Prerequisite, consent of instructor. The University Choir, a selected ensemble, is open to students of all disciplines at Chapman University upon successfully passing an interview and audition. Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 309 - University Singers	Prerequisite, consent of instructor. The University Singers, a selected ensemble with major emphasis on chamber literature, is open to students of all disciplines at Chapman upon successfully passing an interview and audition. Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 310 - Opera Chapman	Prerequisite, consent of instructor. A class of selected students devoted to the study of scenes, ensembles and arias from the standard operatic or musical theatre literature, with emphasis on the singing actor, stage deportment, and the special techniques of the operatic singer. Performances of scenes, or complete operas, or musicals. Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered spring semester.) 1 credit
MUS 311 - Vocal Coaching	Prerequisites, two years of private vocal instruction, junior standing, consent of instructor. Students will study operatic arias and art song in Italian, French, German, and English. Discussion of musical considerations relating to style and textual considerations. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240, per credit. (Offered every semester.) 1-4 credits
MUS 312 - Instrumental Coaching	Prerequisite, two years of private instruction on major instrument, consent of instructor, junior standing. An intensive course in instrumental coaching which focuses on collaborative music-making and interpretation of sonata repertoire. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240, per credit. (Offered every semester.) 1-4 credits
MUS 314 - University Treble Choir	Prerequisite, consent of instructor. The university women's choir, a selected ensemble, is open to students of all disciplines at Chapman University upon successfully passing an interview and audition. Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 315 - Wind Symphony	Prerequisite, consent of instructor. The wind ensemble offers performance experience to qualified students at Chapman University. Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 316 - Studio Class	Prerequisite, consent of instructor. Periodic meetings of students enrolled in similar private lesson instruction to study solo and ensemble repertory, pedagogical materials and teaching methods. (section KB, keyboard; section KCA, keyboard collaborative arts; section OR, orchestral instrument; section GU, guitar; section VO, voice.) P/NP: May be repeated for credit. (Offered every semester.) ½ credit
MUS 316A - Score Analysis	Prerequisite, consent of instructor. This course will include a thorough study of form, texture, non-harmonic tones, style, orchestration, and performance practice in order to develop the skills and experience needed to prepare scores for performance. Letter grade. May be repeated for credit as content changes each semester. (Offered every semester.) ½ credit
MUS 318 - Big Band	Prerequisite, consent of instructor. The big band offers rehearsal and performance experience of traditional, modern, and original Big Bang Jazz repertoire to qualified students at Chapman University. Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 319 - Opera Chapman Scenes	Prerequisite, consent of instructor. A class of selected students devoted to the study of scenes and arias from the standard operatic or musical theatre literature, with emphasis on the singing actor, stage deportment and the special techniques of the operatic singer. Performances of scenes in a small ensemble setting. Letter grade. May be repeated for credit as course content changes every semester. (Offered fall semester.) ½ credit
MUS 321 - The Chapman Orchestra	Prerequisite, consent of instructor. Study and performance of standard and contemporary music literature, open to qualified students of Chapman University and members of the community. Public concerts on campus and in the community. Concert tour may be included during interterm. Letter grade with Pass/No Pass option. May be repeated for credit as course content changes every semester. (Offered every semester.) 1 credit
MUS 322A - Small Ensemble: Guitar	Prerequisite, consent of instructor. In this course students studying guitar have the opportunity to be coached and perform in small ensembles such as trios, quartets and quintets. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322B - Small Ensemble: Strings	Prerequisite, consent of instructor. Chamber music ensemble such as a string quartet, woodwind quintet, brass quintet, jazz ensemble, new music ensemble, early music ensemble, vocal chamber ensemble, vocal jazz ensemble, percussion ensemble, piano quartet, etc. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322C - Chapman Percussion Ensemble	Prerequisite, consent of instructor. The Chapman Percussion Ensemble is designed to rehearse and perform advanced percussion-focused chamber music, providing an outlet for percussion majors to cultivate their awareness of contemporary percussion. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322D - Small Ensemble: Piano	Prerequisite, consent of instructor. In this course, students studying piano have the opportunity to be coached and perform in small ensembles such as duos, trios and quartets, with other pianists and with strings and other instruments. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322E - Small Ensemble: Woodwinds	Prerequisite, consent of instructor. In this course, students studying wind instruments will have the opportunity to be coached and perform in small ensembles such as trios, quartets and quintets of varying wind instruments. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322F - Small Ensemble: Brass	Prerequisite, consent of instructor. In this course, students will have the opportunity to be coached and perform in small ensembles such as trios, quartets and quintets, with a variety of brass instruments. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322G - New Music Ensemble	Prerequisite, consent of instructor. The ensemble features the works of renowned composers as well as those of local composers and students at Chapman. All genres of new music are explored. Performers in the ensemble vary participation in pieces according to the requirements of the repertoire being performed. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322H - Small Ensemble: Saxophone	Prerequisite, consent of instructor. In this course, students of saxophone will have the opportunity to be coached and perform in chamber ensembles, primarily quartets, however, also occasionally duos, trios and combinations up to a double quartet. Repertoire from various eras and styles will be studied and performed. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322I - Jazz Combos	Prerequisite, consent of instructor. In this course students will have the opportunity to perform selected jazz repertoire, representing a vast array of jazz styles, while learning authentic stylistic and idiomatic qualities as well as jazz technique. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322K - Vocal Jazz	Prerequisite, consent of instructor. In this course, students will study and perform varied choral literature appropriate for a university vocal jazz ensemble. May be repeated for credit as course content changes every semester. (Offered as needed.) ½ credit
MUS 322M - Early Music Ensemble	Prerequisite, consent of instructor. In this course students will have an opportunity to learn the techniques of playing early music-style, intonation, technique, historical context. Repertoire will cover Medieval, Renaissance, Baroque and Rococo periods. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322N - Chapman Celebrates Small Ensemble	Prerequisite, consent of instructor. A class of selected students devoted to the study of scenes and production numbers from the standard musical theatre literature, with emphasis on the singing actor, stage deportment and the special techniques of musical theater. May be repeated for credit. (Offered fall semester.) ½ credit
MUS 322O - Pep Band	Prerequisite, consent of instructor. In this course, students will have the opportunity to be coached and perform in a small winds marching band ensemble. May be repeated for credit as course content changes every semester. (Offered every semester.) ½ credit
MUS 322P - Mariachi Panteras	Prerequisite, consent of instructor. This ensemble course will trace the cultural heritage and transnational influences on mariachi style, repertoire and technique. Students will perform on various mariachi instruments, appreciate the cultural heritage and history of mariachi music and prepare for teaching mariachi in K-12 schools. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered every semester.) ½ credit
MUS 322Q - Chapman Jams	Prerequisite, consent of instructor. Chapman Jams is a jam-session inspired ensemble course designed for any student with some music background, formal or informal, and for any instrument or voice. This course provides opportunities for students to collaborate and perform various styles of music in informal jam sessions. Topics include blues, rock, Latin styles, and various folk traditions. Course content changes every semester. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered every semester.) 1 credit
MUS 323 - Advanced Orchestral Instruments	Prerequisite, junior standing. All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240, per credit for music majors and minors; \$520, per credit for others. (Offered every semester.) 1-4 credits
MUS 323A - Advanced Jazz Improvisation	Prerequisites, consent of instructor. Advanced private instruction in jazz improvisation. All private music lesson instruction courses carry a variable load; MUS 323A may be taken for 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$240, per credit for music majors and minors. Fee: \$520, per credit for other students. (Offered every semester.) 1-4 credits
MUS 324 - Audio Recording Techniques	Prerequisites, pass MUS 244 with a "C" or better and pass MUS 128 or MUS 133 with a C or better. This course will introduce students to sound recording techniques in a modern studio environment using audio equipment and media in the digital and analog domains. (Offered as needed.) 3 credits
MUS 325 - Contemporary Guitar	Prerequisites, junior standing, consent of instructor. All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Letter grade. This course may be repeated for credit. All music lessons have a fee per credit: Fee: \$240, per credit for music majors and minors; Fee: \$520, per credit for others. (Offered every semester.) 1-4 credits
MUS 326 - Musical Cultures of the Caribbean and Latin America	Open to non-music majors. This course is an introduction to musical styles of the Caribbean, South America and Latin America with emphases on theory, forms, instruments, and sociological implications. The course introduces the student to ethnomusicology - the study of music in a people's way of life. This treats music as a distillation of cultural styles, approaching diverse musical styles with the desire to understand them on their own terms, as the people who make the music the music would understand them. By region we examine life histories and autobiographies that are essential to understanding the meaning and purpose of musical performances: additional musical, sociological, geopolitical, and cultural-spiritual elements are studied to lead to understanding. (Offered as needed.) 3 credits
MUS 329 - Experimental Course	(Offered as needed.) ½-3 credits
MUS 330 - Form and Harmonic Analysis	Prerequisites, junior standing, pass MUS 234 , MUS 236 with a "C" or better, or for composition majors pass MUS 234 , MUS 236 with "B" or better. A critical, in-depth study of the formal aspects of Western Art Music, from the Renaissance to the 21st century. An emphasis will be placed on works that not only exemplify traditional structures (starting from simple structural elements, binary and ternary forms, to larger forms), but also expand the horizons of formal design. (Offered every semester.) 2 credits
MUS 332A - Musical Cultures of Africa/Middle East	Prerequisites, pass MUS 102 with a "C" or better, and music major, or minor. This course will explore the non-Western musical traditions of Africa and the Middle East. (Offered as needed.) 3 credits
MUS 332B - Musical Cultures of Asia/Pacific	Prerequisites, pass MUS 102 with a "C" or better, and music major, or minor. This course will explore the non-Western musical traditions of Asia, Australia, and the Pacific Islands. (Offered as needed.) 3 credits
MUS 332C - Musical Cultures of the Americas	Prerequisites, pass MUS 102 with a "C" or better, and music major, or minor. This course will explore the non-western musical traditions of the Americas. (Offered as needed.) 3 credits
MUS 336 - Music Theatre Singing and Dancing	Prerequisites, MUS 128 or MUS 133 and performance, vocal emphasis major or consent of instructor. A team-taught performance course focused on learning musical theatre singing style and the skills needed to sing and dance simultaneously. Letter grade. May be repeated for credit since content changes every semester. (Offered fall semester.) 2 credits
MUS 337 - Popular Singing Styles	Prerequisites, MUS 128 or MUS 133 and performance, vocal emphasis major or consent of instructor. A performance course focused on the popular singing styles of jazz and pop. Letter grade. May be repeated for credit since content changes each semester. (Offered spring semester.) 2 credits
MUS 339 - Principles of Arranging	Prerequisite, MUS 233 A study of the various aspects of instrumentation and arranging for various ensembles, found in K-12 system and beyond, using examples drawn from existing repertoire for band, choir, orchestra and other ensembles. The primary emphasis will be placed on learning about instrumentation, different types of voices and arranging for various ensembles in a series of practical exercises, which will focus on learning the principles of vocal writing, instrumental transposition, notation of score and parts, voicing the chords and combining parts in the score to create a variety of textures. Letter grade. (Offered spring semester.) 2 credits
MUS 340 - Instrumentation and Beginning Orchestration	Prerequisites, pass MUS 234 with a "C" or better, junior standing. Prerequisite for B.M. composition major, pass MUS 234 with "B" or better. An introductory but in depth study of the various aspects of instrumentation and beginning orchestration for various ensembles. The primary emphasis will be placed on works that exemplify common notation systems and orchestration techniques present in the orchestral and chamber music repertoire. (Offered every semester.) 2 credits
MUS 342 - Alexander Technique Coaching	Prerequisites, MUS 112 , or consent of instructor, and music major. Private instruction in the Alexander Technique with focus on exploring the principles of this Technique in musical performance. Material covered will provide procedures to: diminish unnecessary tension while singing or playing an instrument; diminish the burden of performance anxiety; develop poise; enhance understanding of the coordination involved in breathing. P/ NP: May be repeated for credit. Fee: \$240, per credit. (Offered every semester.) 1-2 credits
MUS 344 - Advanced Topics in Music Technology	Prerequisite, pass MUS 244 with a "C" or better, or consent of instructor. Course will examine specific topics in music technology in depth. Variable topic course, topics vary from semester to semester and include: Ableton Live, Reason, Logic, computer music notation, performance of electronic music, etc. May be repeated for credit since topic varies. (Offered spring semester.) 3 credits
MUS 345 - History of Musical Theatre	Prerequisites, junior standing, and music, or theatre, or dance major, or minors, or consent of instructor. The history and analysis of American musical theatre from the early twentieth century to the present. (Offered as needed.) 3 credits
MUS 346 - Music and Interactive Technology with MAX/MSP	Prerequisite, pass MUS 244 with a "C" or better, or consent of instructor. This course explores the use of Max MSP, an interactive graphical programming environment for music and audio. This course will introduce students to the basics of Max's programming interface and teach students to construct their own patches, thus enabling them to create sound generation, sampling, and video playback/manipulation that can be controlled with external controllers. Students will gain an understanding of the way digital audio works, how to navigate and create with Max software, and how to interface common sensors with microcontrollers. (Offered as needed.) 3 credits
MUS 347 - Post-production Editing and Processing Techniques	Prerequisite, MUS 244 , or pass a diagnostic examination in computer literacy and basic audio recording skills. Students must possess basic skills and knowledge of microphone set-up, signal path, and digital audio workstation software. This course will introduce students to techniques for audio enhancement after the initial tracking has been completed. These include mastering workflows, addition of effects such as compression and reverb, noise reduction, pitch correction, time correction and basic editing. (Offered as needed.) 3 credits
MUS 348 - Introduction to Music Synthesis	Prerequisite, MUS 244 , or consent of instructor. It is the goal of this course that each student-upon successful completion-gains a working knowledge of electronic synthesizers and the components of the synthesis process (oscillators, filters, envelope generators, etc.) for the creation, shaping, and design of sound. (Offered as needed.) 3 credits
MUS 350 - Principles of Piano Technology	Prerequisites, consent of instructor, students must possess basic skills and knowledge of the piano. The piano technology course is designed as an overview of basic concepts in piano tuning, repair, regulating, and voicing. Letter grade. (Offered fall semester, alternate years.) 1 credit
MUS 360 - Electroacoustic Music II	Prerequisites, MUS 260 , MUS 344 , or consent of instructor. This course forms the second semester of the Electroacoustic Composition course sequence and builds on topics introduced in the first course. Focus is on the advanced application computer software and the live application of electronic music, issues of synchronization, triggering and automatic score followers. The course also surveys the repertoire of historically important works combining instrumental performance and new media. (Offered spring semester, alternate years.) 2 credits
MUS 398A - Senior Recital in Piano Collaborative Arts-Half Solo Program	Prerequisites, consent of instructor, senior standing. Half solo recital on piano. A minimum of a half solo recital is required for the Bachelor of Music (Pre-Certification, Music Education) Instrumental and Vocal Emphasis, and the Bachelor of Music in Performance, Instrumental Emphasis - Keyboard Collaborative Arts degrees (solo piano performance.) Pass/No Pass. (Offered every semester.) 0 credit
MUS 398B - Senior Recital in Music Education, Instrumental Emphasis - Half Solo Program, Unaccompanied	Prerequisites, senior standing, consent of instructor. Half solo recital on an instrument for music education majors. A minimum of a half solo recital is required for the Bachelor of Music (Pre-Certification, Music Education) Instrumental and Vocal Emphasis, and the Bachelor of Music in Performance, Instrumental Emphasis - Keyboard Collaborative Arts degrees (solo piano performance.) P/NP: No Fee. (Offered every semester.) 0 credit
MUS 398C - Senior Recital in Music Education, Vocal Emphasis - Half Solo Program, Accompanied	Prerequisites, senior standing, consent of instructor. Half solo recital in voice for music education majors. A minimum of a half solo recital is required for the Bachelor of Music (Pre-Certification, Music Education) Instrumental and Vocal Emphasis, and the Bachelor of Music in Performance, Instrumental Emphasis - Keyboard Collaborative Arts degrees (solo piano performance.) P/NP: Fee: \$200. (Offered every semester.) 0 credit
MUS 398D - Senior Recital in Music Education, Instrumental Emphasis - Half Solo Program, Accompanied	Prerequisite, consent of instructor. Half solo recital on an instrument for music education majors. A minimum of a half solo recital is required for the Bachelor of Music (Pre-Certification, Music Education) Instrumental and Vocal Emphasis, and the Bachelor of Music in Performance, Instrumental Emphasis - Keyboard Collaborative Arts degrees (solo piano performance.) P/NP: Fee: \$200. (Offered every semester.) 0 credit
MUS 399 - Individual Study	Prerequisite, consent of instructor, junior standing, and music major, or minor. Topics will vary. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-6 credits

MUS 402 - Advanced Compendium of Western Music History	Prerequisite, consent of instructor. For music majors and music minors on the 2018-19 catalog and before to incorporate second semester of Compendium into their programs. This course will focus broadly on the major styles and trends of Western music, with some depth in specific style periods and genres. Some sections of MUS 402 will be offered with MUS 102A and/or MUS 102B Letter grade. May be repeated for credit. (Offered as needed.) 3 credits
MUS 404 - Advanced Piano	Prerequisite, junior standing. All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240. per credit for music majors and minors; \$520. per credit for others. (Offered every semester.) 1-4 credits
MUS 405 - Music History and Literature V	Prerequisites, pass MUS 102B and MUS 234 with a "C" or better, or consent of instructor. Prerequisites for B.M. composition major, pass MUS 102B and MUS 234 with a "B" or better, or consent of instructor. The study of Western music styles and genres in historical and cultural context, c. 1950-present. Letter grade. (Offered spring semester.) 3 credits
MUS 406 - Advanced Voice (Performance Majors)	Prerequisites, performance major with vocal emphasis, consent of instructor. Advanced study in vocal technique and artistry. Elements will include breathing/breath management, healthy phonation and balance of resonance with attention to articulation and correct diction in several languages. These elements will be integrated into songs and arias. Vocal Performance majors will work towards performing a full solo recital during their senior year of study. All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240. per credit. (Offered every semester.) 1-4 credits
MUS 407 - Advanced Collaborative Piano	All private music lesson instruction courses carry a variable load of 1 to 4 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$240. per credit for music majors and minors; \$520. per credit for all others. (Offered every semester.) 1-4 credits
MUS 411 - Collaborative Piano Class	Prerequisite, consent of instructor. The development of skills in piano accompaniment of vocal or instrumental performance. No audit allowed. Must be taken for a letter grade. May be repeated for credit. Fee: \$100. (Offered every semester.) ½ credit
MUS 427 - Advanced Counterpoint	Prerequisite, pass MUS 340 with a "C" or better, or consent of instructor. Prerequisite for B.M. composition major, pass MUS 340 with "B" or better, or consent of instructor. Study of the principles of linear counterpoint from 1800 to the present. Analytical exercises focusing on the contrapuntal music of Beethoven, Brahms, Schoenberg, Hindemith, Bartok, Ligeti, Takemitsu, and others. Applied exercises in composition. (Offered as needed.) 2 credits
MUS 429 - Experimental Course	(Offered as needed.) 1-3 credits
MUS 433 - Foundations of Music Education	Prerequisites, MUS 231, consent of instructor. The purpose of this course is for students to gain an overview of the historical, cultural, and philosophical foundations that have shaped and directed music education in America and abroad, and, thereby, to provide the tools for formulating a personal philosophy of music education. Some sections of MUS 433 may be taught with MUS 533. (Offered as needed.) 3 credits
MUS 435 - Chapman Music Teachers Institute	Prerequisites, pass MUS 102, MUS 234, MUS 236 with a "C" or better, MUS 231, and MUS 457, or MUS 458, or MUS 459 The purpose of the course is to provide opportunities for students that will effectively assist them in their development as teachers, leading to their ultimate success in the classroom. Focus is on the practical application of learned teaching methods. (Offered as needed.) 3 credits
MUS 439 - Topics in Film Music	Prerequisites, MUS 134, MUS 239 or consent of instructor. This course examines specific film music topics in depth. Variable topic course, topics include: The Role of Music in Film (Advanced), Music in Film Noir, Music in Science Fiction Film, Musicals on Film, Music for Animation, Music in Comedy vs. Drama. The work of a specific composer of film music, Music in the films of a specific filmmaker. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered spring semester.) 3 credits
MUS 440 - Advanced Orchestration	Prerequisite, pass MUS 340 with a "C" or better, or consent of instructor, or Prerequisite for B.M. composition major, pass MUS 340 with "B" or better, or consent of instructor. A critical and in depth study of the various aspects of orchestration and extended instrumental techniques used in music of the 20th and 21st centuries. The primary emphasis will be placed on works that exemplify current notation systems and orchestration techniques present in the orchestral and chamber music repertoire since 1950. (Offered as needed.) 2 credits
MUS 449 - Film Music Composition II	Prerequisite, MUS 249 or consent of instructor. This course explores how to achieve an effective film or media score. Student composers will work on both class projects and their own composition projects, writing and recording cues. During most spring semesters, students will have an opportunity to work with film production students in scoring their films. The course will develop students' experience in spotting, methods of synchronizing score to picture, and the dramatic utilization of melody, harmony, rhythm, and orchestral texture. Course content changes every semester. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered spring semester.) 3 credits
MUS 450 - Choral Conducting I	Prerequisites, pass MUS 234, MUS 236 with a "C" or better, or consent of instructor. Patterns and techniques used in development and training of choral groups. (Offered fall semester.) 2 credits
MUS 451 - Choral Conducting II	Prerequisite, MUS 450, or consent of instructor. Continuation of Choral Conducting I, including choral repertory. (Offered as needed.) 2 credits
MUS 452 - Instrumental Conducting I	Prerequisites, pass MUS 234, MUS 236 with a "C" or better, or consent of instructor. Baton techniques, score reading, interpretation, repertory, laboratory practice. (Offered as needed.) 2 credits
MUS 453 - Instrumental Conducting II	Prerequisite, MUS 452, or consent of instructor. Continuation of Instrumental Conducting I. (Offered spring semester.) 2 credits
MUS 454 - Principles of Conducting	Prerequisites, pass MUS 234, MUS 236 with a "C" or better, or consent of instructor. Basic techniques of baton, score study, analysis, and interpretation appropriate for leading choral and instrumental groups. Letter grade with Pass/No Pass option. (Offered as needed.) 2 credits
MUS 456 - Song Literature and History	Prerequisite, pass MUS 102 or MUS 102B with a "C" or better, or consent of instructor. An overview of song literature from the late Renaissance to the present in historical and cultural context. Includes selected literature of composers and poets from Western and Eastern Europe, and the Americas. Some sections of MUS 456 may be taught with MUS 556. (Offered spring semester.) 3 credits
MUS 457 - Practicum in Choral Literature and Pedagogy	Prerequisites, pass MUS 231, MUS 233, MUS 235 with a "C" or better, or consent of instructor. Intensive study of literature appropriate for high school choirs and smaller vocal ensembles. This course includes a lecture and required laboratory component held at different times, as well as a fieldwork requirement. (Offered as needed.) 3 credits
MUS 458 - Practicum in Instrumental Literature and Pedagogy	Prerequisites, pass MUS 231, MUS 233, MUS 235 with a "C" or better, or consent of instructor. Intensive study of literature appropriate for junior and senior high school bands and orchestras. This course includes a lecture and required laboratory component held at different times, as well as a fieldwork requirement. (Offered as needed.) 3 credits
MUS 459 - Practicum in Elementary School Literature and Pedagogy	Prerequisites, pass MUS 231, MUS 233, MUS 235 with a "C" or better, or consent of instructor. Study of literature and materials appropriate for K-8, including the most recent materials used in elementary and junior high classrooms. This course includes a lecture and required laboratory component held at different times, as well as a fieldwork requirement. (Offered as needed.) 3 credits
MUS 460 - Orchestral Literature	Prerequisite, pass MUS 102 with a "C" or better, or consent of instructor. An historical overview of orchestral/symphonic literature from the Baroque to the present. (Offered fall semester, alternate years.) 2 credits
MUS 461 - Psychology of Music (Same as PSY 461)	This interdisciplinary course will explore the human perception and cognitive organization of music. Topics covered will include the neurobiology of music, psychoacoustics/music perception, music cognition, music and emotion, the cognitive development of music in children, the neuropsychology of music and music learning and behavior. (Offered fall semester.) 3 credits
MUS 464 - Instrumental Rehearsal Methods	Prerequisite, MUS 454 Instrumental Rehearsal Methods prepares music education majors with an emphasis in instrumental music for success within the secondary instrumental music class. Students will synthesize prior knowledge and skills in learning and practicing the basic principles of leading effective ensemble rehearsals. Letter grade. (Offered spring semester.) 2 credits
MUS 468 - Guitar Literature and History	Prerequisite, pass MUS 102 or MUS 102B with a "C" or better, or consent of instructor. An overview of guitar, lute and vihuela literature from the Renaissance to the present in historical and cultural context. Includes early lute and vihuela literature of the Renaissance, four- and five-course Baroque guitar literature, Classical guitar literature, and six-string guitar literature from early 19th century to the present. (Offered fall semester, alternate years.) 3 credits
MUS 470 - String Pedagogy	Prerequisites, minimum of two years instrumental study, consent of instructor. Level to be approved by course instructor. Fundamentals of string pedagogy from elementary through conservatory levels-emphasis on technique development, pain free physiology of playing, performance practice, repertoire, and pragmatic application to elementary and advanced educational levels. (Offered spring semester, alternate years.) 2 credits
MUS 471 - Percussion Pedagogy	Prerequisites, minimum of two years of percussion study, consent of instructor. The three primary objectives for this course are to explore the history, pedagogy, and repertoire of classical and contemporary percussion playing. Considering the many kinds of percussion instruments, as well as the career goals of the enrolled student, one or more secondary emphases will be given to the student on specific solo/ensemble repertoire, the researching and purchasing of professional quality instruments and gear, the research and evaluation of university graduate studies in percussion, opportunities in foreign and domestic research and performance seminars, festivals, scholarships, and grants, and career options in percussion performance. (Offered fall semester, alternate years.) 2 credits
MUS 472 - Woodwind and Brass Pedagogy	Prerequisites, minimum of two years of woodwinds or brass study, consent of instructor. Performance level to be approved by the instructor. Fundamentals of woodwind and brass pedagogy from elementary through conservatory levels-emphasis on technique development, physiology, performance practice, repertoire, and pragmatic application to various educational levels. (Offered spring semester, alternate years.) 2 credits
MUS 474 - Guitar Pedagogy	Prerequisites, minimum of two years of college-level guitar study, consent of instructor. Fundamentals of guitar pedagogy with emphasis on comparative guitar teaching method books, instruction for various age groups, and practical application to teaching in public and private settings. (Offered spring semester, alternate years.) 2 credits
MUS 475 - Piano Pedagogy	Prerequisites, two years of piano study, consent of instructor. Fundamentals of piano pedagogy with emphasis on comparative piano teaching methods and practical application to teaching individuals of all ages. (Offered fall semester, alternate years.) 2 credits
MUS 476 - Vocal Pedagogy	Prerequisite, minimum of two years of vocal study, taken from MUS 106, or 306, or MUS 406, or equivalent. Fundamentals of vocal pedagogy with emphasis on historical background, comparative vocal methods, physiology, voice classification, and practical application to teaching individuals of all ages. (Offered spring semester.) 2 credits
MUS 480 - Music Information Literacy IV	This course presents advanced concepts of music information literacy to prepare students for senior capstones and graduate work. Music majors in 2016 catalog and earlier must attend one session during their fourth year. P/NP. (Offered every semester.) 0 credits
MUS 490 - Independent Internship	Prerequisites, music major, or minor, and consent of instructor, consent of department chair. This course provides students with the opportunity to receive credit for internships with off-campus music organizations. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
MUS 493 - Directed Research	Prerequisite, consent of instructor. Private instruction for directed research in music. Topics vary, including musicology, ethnomusicology, music theory, film music, music technology, etc. All private music lesson instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered every semester.) 1-3 credits
MUS 493A - Directed Research in Musicology	Prerequisite, consent of instructor. Private instruction for directed research in musicology topics. Projects vary from semester to semester. In this course, advanced music students choose a topic in music history, systematic musicology, ethnomusicology or music theory that is of interest to them, and begin the process of scholarly research in the field, from initial idea through selection of sources and conducting research. The project is intended to be completed in the following semester in MUS 496A All private music instruction courses carry a variable load; MUS 493A may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered every semester.) 1-3 credits
MUS 493B - Directed Research in Film Music	Prerequisite, consent of instructor. Private instruction for directed research in Film Music topics. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493B may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Course content changes every semester. Letter grade. This course may be repeated for credit. (Offered every semester.) 1-3 credits
MUS 493C - Directed Research in Music Technology	Prerequisite, consent of instructor. Private instruction for directed research in Music Technology topics. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Course content changes every semester. Letter grade. This course may be repeated for credit. (Offered every semester.) 1-3 credits
MUS 493D - Directed Research: Advanced Counterpoint	Prerequisite, consent of instructor. Private instruction in Advanced Counterpoint. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493E - Directed Research: Advanced Orchestration	Prerequisite, consent of instructor. Private instruction for Advanced Orchestration topics. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493F - Directed Research: Electroacoustic Music I	Prerequisite, consent of instructor. Private instruction for topics in introductory Electroacoustic Music. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493G - Directed Research: Electroacoustic Music II	Prerequisite, consent of instructor. Private instruction for Electroacoustic Music II topics. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493H - Directed Research: Guitar Literature	Prerequisite, consent of instructor. Private instruction for directed research in guitar literature. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493I - Directed Research: Guitar Pedagogy	Prerequisite, consent of instructor. Private instruction for directed research in Guitar Pedagogy. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493J - Directed Research: String Pedagogy	Prerequisite, consent of instructor. Private instruction for directed research in String Pedagogy. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493K - Directed Research: Woodwind and Brass Pedagogy	Prerequisite, consent of instructor. Private instruction for directed research in woodwind and brass pedagogy. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493M - Directed Research: Percussion Pedagogy	Prerequisite, consent of instructor. Private instruction for directed research in Percussion Pedagogy. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493N - Directed Research: Piano Pedagogy	Prerequisite, consent of instructor. Private instruction for directed research in Piano Pedagogy. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493O - Directed Research: Piano Literature	Prerequisite, consent of instructor. Private instruction for directed research in Piano Literature. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 493P - Directed Research: Instrumental Conducting II	Prerequisite, consent of instructor. Private instruction for topics in second semester Instrumental Conducting. Projects vary from semester to semester. All private music instruction courses carry a variable load; MUS 493 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. (Offered as needed.) 1-3 credits
MUS 494 - Piano Literature and History	Prerequisite, pass MUS 102 or MUS 102B with a "C" or better, or consent of instructor. An overview of keyboard literature from the Renaissance to the present in historical and cultural context. (Offered fall semester, alternate years.) 3 credits
MUS 496 - Seminar	Prerequisite, consent of instructor. Study of individual major composers or specific periods. Subjects vary. (Offered as needed.) 2 credits
MUS 496A - Seminar: Music History Investigations	Prerequisite, consent of instructor. Capstone course for the BA Music degree. In this course, advanced music students choose a topic in music history, systematic musicology, ethnomusicology or music theory that is of interest to them, and conduct scholarly research in the field, continuing a project begun in previous semester in MUS 493A The final product is a substantial research/analysis paper, suitable to be seen by the wider scholarly community in the form of publication or graduate school applications. Students will become well-versed in the field, be familiar with the extant literature, and contribute an original, insightful, valuable paper to the field. (Offered fall semester.) 2 credits
MUS 496B - Seminar: Directed Research in Musicology	Prerequisite, consent of instructor. In this course, advanced music students choose a topic in music history, systematic musicology, ethnomusicology or music theory that is of interest to them, and begin the process of scholarly research in the field, from initial idea through selection of sources and conducting research. The project is intended to be completed in the following semester in MUS 496A May be repeated for credit. (Offered spring semester.) 2 credits
MUS 496C - Seminar: Topics in Music History and Literature	Prerequisite, pass MUS 102B with a "C" or better or consent of instructor. Prerequisite for B.M. composition major, pass MUS 102B with a "B" or better or consent of instructor. Variable topic course, topics explore specific composers, periods, genres; sociological, cultural, political issues. Topics include: History of Jazz; History of Rock; Global Popular Music; Music, Politics, and Social Movements; Protest Music and Gender; Popular Music and LGBTQ Perspectives. Letter grade. (Offered as needed.) 3 credits
MUS 496D - Seminar: Topics in World Music and Culture	Prerequisites, consent of instructor and pass MUS 102B with a "C" or better. Prerequisites for B.M. composition major, pass MUS 102B with a "B" or better and consent of instructor. Variable topic course, topics explore music of specific world regions (more specific regions than the MUS 332 series of courses), specific genres or styles of world musics. May be repeated for credit as topics vary. (Offered as needed.) 3 credits
MUS 496E - Opera History and Literature	Prerequisites, pass MUS 102B and MUS 134 with at least a C, or consent of instructor. A history of opera, focusing on stylistic musical topics as well as cultural and identity issues. Letter grade. (Offered spring semester, alternate years.) 3 credits
MUS 497 - Applied Private Instruction in Composition	Prerequisite, consent of instructor. Applied, advanced private instruction in music composition. All private music lesson instruction courses carry a variable load; MUS 497 may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$100. per credit. (Offered every semester.) 1-3 credits
MUS 497A - Advanced Private Instruction in Conducting	Prerequisite, consent of instructor. Advanced, private instruction in conducting. All private music lesson instruction courses carry a variable load; MUS 497A may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$100 per credit. (Offered every semester.) 1-3 credits



MUS 497B - Advanced Private Instruction in Score Reading	Prerequisite, consent of instructor. Advanced private instruction in score reading. All private music lesson instruction courses carry a variable load; MUS 497B may be taken for 1 to 3 credits, for which each credit is for a half-hour weekly lesson per semester. No audit allowed. Must be taken for a letter grade. May be repeated for credit as course content changes every semester. Fee: \$100 per credit. (Offered every semester.) 1-3 credits
MUS 498A - Senior Recital in Composition - Full Solo Program	Prerequisites, senior standing, consent of instructor. Full solo recital of student's own compositions. A full solo recital is required for the Bachelor of Music in Composition, Bachelor of Music in Performance - Conducting, Performance - Instrumental, Keyboard Collaborative Arts (full collaborative recital) and Performance - Vocal Emphasis degrees. P/NP. No Fee. (Offered every semester.) 0 credit
MUS 498B - Senior Recital in Conducting Performance - Full Solo Program	Prerequisites, consent of instructor, senior standing. Full recital conducted by student. A full solo recital is required for the Bachelor of Music in Composition, Bachelor of Music in Performance - Conducting, Performance - Instrumental, Keyboard Collaborative Arts (full collaborative recital) and Performance - Vocal Emphasis degrees. P/NP. No Fee. (Offered every semester.) 0 credit
MUS 498C - Senior Recital Instrumental Performance-Orchestral Instruments-Full Solo Program, Accompanied	Prerequisites, senior standing, consent of instructor. Full solo recital on an orchestral instrument. A full solo recital is required for the Bachelor of Music in Composition, Bachelor of Music in Performance - Conducting, Performance - Instrumental, Keyboard Collaborative Arts (full collaborative recital) and Performance - Vocal Emphasis degrees. P/NP. Fee: \$300. (Offered every semester.) 0 credit
MUS 498D - Senior Recital in Instrumental Performance, Guitar Area - Full Solo Program	Prerequisites, consent of instructor, senior standing. Full solo recital on guitar. A full solo recital is required for the Bachelor of Music in Composition, Bachelor of Music in Performance - Conducting, Performance - Instrumental, Keyboard Collaborative Arts (full collaborative recital) and Performance - Vocal Emphasis degrees. P/NP. No Fee. (Offered every semester.) 0 credit
MUS 498E - Senior Recital in Instrumental Performance, Piano Area - Full Solo Program	Prerequisites, senior standing, consent of instructor. Full solo recital on piano. A full solo recital is required for the Bachelor of Music in Composition, Bachelor of Music in Performance - Conducting, Performance - Instrumental, Keyboard Collaborative Arts (full collaborative recital) and Performance - Vocal Emphasis degrees. P/NP. No Fee. (Offered every semester.) 0 credit
MUS 498F - Senior Recital in Piano Collaborative Arts - Full Collaborative Program	Prerequisites, senior standing, consent of instructor. Full collaborative program on piano. A full solo recital is required for the Bachelor of Music in Composition, Bachelor of Music in Performance - Conducting, Performance - Instrumental, Keyboard Collaborative Arts (full collaborative recital) and Performance - Vocal Emphasis degrees. Pass/No Pass. (Offered every semester.) 0 credit
MUS 498G - Senior Recital in Vocal Performance - Full Solo Program, Accompanied	Prerequisites, senior standing, consent of instructor. Full solo recital in voice. A full solo recital is required for the Bachelor of Music in Composition, Bachelor of Music in Performance - Conducting, Performance - Instrumental, Keyboard Collaborative Arts (full collaborative recital) and Performance - Vocal Emphasis degrees. P/NP. Fee: \$300. (Offered every semester.) 0 credit
MUS 498H - Senior Recital Instrumental Performance-Orchestral Instrument-Full Solo Program, Unaccompanied	Prerequisites, senior standing, consent of instructor. Full solo recital on an orchestral instrument, unaccompanied. A full solo recital is required for the Bachelor of Music in Composition, Bachelor of Music in Performance - Conducting, Performance - Instrumental, Keyboard Collaborative Arts (full collaborative recital) and Performance - Vocal Emphasis degrees. P/NP. No Fee. (Offered every semester.) 0 credit
MUSB 100 - Introduction to the Business of Music	Prerequisite, music major or any music minor or consent of instructor. This course will cover artistic considerations, music production, product development, fundamentals of music marketing, music supervision, publication, distribution, concert and talent management, record companies, touring, administration, music legal, copyright, licensing, and potential income streams, agents, managers, role of unions, performing rights societies, and the Internet, career preparation. Several expert guests from the music industry will be invited. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
MUSB 300 - Music Publishing, Marketing, Promotion, and Distribution	Prerequisite, MUSB 100 or consent of instructor. A survey of methods of creating income streams, including the role of publishers; music acquisition; music evaluation for A & R; administration of print and performance rights; handling of foreign affiliates, sub-publishers and other business relationships; budgeting, investment strategies; competition research; branding; online music marketing, branding; data analytics; evaluation of platforms and systems; deal structures; broadcasting; contests, competitions, and awards. Letter grade. (Offered spring semester.) 3 credits
MUSB 301 - Music Supervision	Prerequisite, MUSB 100 or music major/any of the music minors or consent of instructor. Principles of music supervision for film, television, broadcast, and new media; including working with composers and songwriters/lyricists, directors, producers, licensing executives/music publishers. Also covered: selection, budgeting and music clearance of songs; basics of licensing transactions; fundamentals of music production oversight and administration; case studies of creative approaches; methods for negotiation. Final project will involve music supervision for student film/media project to develop competency in problem solving. Letter grade. (Offered fall semester.) 3 credits
MUSB 400A - Topics in Music Business: Business and Legal Aspects of the Music Industry	Prerequisite, MUSB 100 or music major/any of the music minors or consent of instructor. Fundamentals of music copyright laws as applicable to traditional and new media including contracts, licensing, and royalties; infringement case studies; contractual relationships with composers, arrangers, orchestrators and other music professionals; working with unions, basics of employment law; negotiation tactics, money and power relationship and inequities in the practice of the law. Letter grade. (Offered spring semester, alternate years.) 3 credits
MUSB 400B - Topics in Music Business: Leadership and Ethics in the Music Industry	Prerequisite, MUSB 100 or music major/any of the music minors, or consent of instructor. This course will survey trends and strategies, music advocacy, conflict avoidance and resolution, professional development, entrepreneurship, global marketing and cultural respect, sexual harassment, diversity, ethical standards, and networking opportunities. Several expert guest speakers will present on their real-world experiences. Students will do a case study analysis to develop skills as effective and efficient managers within the context of clarified values. Letter grade. (Offered spring semester, alternate years.) 3 credits
NEUR 301 - Introduction to Neuroscience	Prerequisites, PSY 101 , consent of Neuroscience program director, consent of faculty mentor and 100 or 200-level course in Philosophy and CPSC 230 or CPSC 292 and MATH 203 or PSY 203 or MATH 303 and BIOL 204 or BIOL 208 A multidisciplinary course investigating the breadth of neuroscience by examining "big questions" about nervous system function. This course will examine the history of the discipline, take stock of where it is today, and explore the evolution of neuroscience research. Letter grade. (Offered fall semester.) 3 credits
NEUR 302 - Introduction to Neuroscience Laboratory	Prerequisites, 100 or 200-level course in Philosophy, PSY 101 , CPSC 230 , consent of Neuroscience program director, consent of faculty mentor and MATH 203 or PSY 203 or MATH 303 and BIOL 204 or BIOL 208 Corequisite, NEUR 301 This course will examine various experimental approaches used in neuroscience research. Students will learn techniques and then apply them to an experiment and present their results. Letter grade. (Offered fall semester.) 1 credit
NEUR 436 - Neural Computation	Prerequisites, MATH 115 , MATH 211 and CPSC 230 or CPSC 292 and MATH 203 or PSY 203 or MATH 303 This course is a survey of the different ways that neurons and networks of neurons compute. The course includes an introduction to the biophysics of neurons and synapses, and the mathematical descriptions of neurons, neural networks, and neuro-inspired artificial intelligence. The course will also survey computational modeling methods for neuroscience. NEUR 436 and CS 536 will be held together. Letter grade. (Offered fall semester, alternate years.) 3 credits
NEUR 490 - Independent Internship	Prerequisites, NEUR 301 , neuroscience minor, consent of faculty internship advisor, site supervisor. Supervised independent experience in an approved setting where neuroscience services are provided. Pass/No Pass. This course may be repeated for credit. (Offered every semester.) 1-3 credits
NEUR 495 - Capstone in Neuroscience	Prerequisites, NEUR 301 , NEUR 302 , consent of Neuroscience program director, consent of faculty mentor, completion of most electives to fulfill the minor. Students are exposed to current discussions in the neuroscience field, selected by the instructor, through analysis of primary literature, memoirs, biopics, and documentaries. Letter grade. (Offered spring semester.) 3 credits
NEUR 499 - Individual Study in Neuroscience	Prerequisites, NEUR 301 , NEUR 302 , consent of Neuroscience program director, consent of faculty mentor and BIOL 407 or PSY 333 Supervised individual study or research on a special problem or in a selected area of neuroscience that is not provided for by regular curriculum offerings. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered every semester.) 1-3 credits
PCST 120 - Introduction to International Relations (Same as POSC 120)	3 credits
PCST 150 - Introduction to Peace Studies	An introduction to the applied meanings of peace, justice, and peacemaking particularly at the societal and global levels. Topics explored include the roots of national and international conflict, the dangers of nuclear holocaust, and various attempts to prevent war and achieve disarmament. (Offered every year.) 3 credits
PCST 160 - Introduction to Disability Studies; Challenging Myths of Normalcy (Same as IES 150 , POSC 150)	3 credits
PCST 200 - Introduction to Human Rights	What are human rights? This course examines the history and development of the concept of human rights as well as contemporary controversies within the field. Using case studies from various regions of the world, students examine the politics, pitfalls, and promises of human rights discourse. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PCST 201 - Research Methods: Peace Studies	An introduction to the systematic examination of peace and conflict related phenomena. Students are introduced to a range of social science methodologies, such as ethnographic fieldwork, experiments, content analysis, qualitative interviewing, historical comparative, and surveys. Emphasis is placed on the development of a research question, research design, and analysis. (Offered every semester.) 3 credits
PCST 229 - Experimental Course	(Offered as needed.) 3 credits
PCST 239 - People With Disabilities in Politics and Society (Same as POSC 239)	This course explores people with disabilities (PWDs)' participation in politics and society. Students consider differences 1) over time; 2) between countries and cultures; and, 3) between conventional and unconventional strategies for political, social, and economic participation. Students examine similarities to and differences from representations of other historically disadvantaged groups and social movements including the women's movement, gay and lesbian rights movements, and ethnic movements. The role and implications of charity will also be explored. A final theme is relationships between disability issues and issues of war and peace. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
PCST 240 - Theories of Peace and Conflict	Prerequisite, PCST 150 In this course, some notable interdisciplinary theories of peace and conflict will be examined. These pose questions and offer explanations for: violence vs. nonviolence; biological, social, economic, etc. causes of human conflict; and conflict management, resolution, and transformation. The focus of this course will be on the genealogy of the ideas that underlie Peace Studies and how to apply them. Letter grade. (Offered fall semester.) 3 credits
PCST 242 - Mindfulness (Same as REL 242)	1½ credits
PCST 251 - Intercultural Conflict and Communication (Same as POSC 251)	The us/them dichotomy is waged in the language of culture. When people realize their cultural differences are they doomed to clash? This course explores what people can learn from the study of communication that would help them understand intercultural conflicts and act as agents of resolution and promoters of intercultural cooperation. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
PCST 253 - Mediation and Conflict Resolution (Same as PCST 453)	The theory and practice of mediation through role-playing of effective techniques in dealing with a wide variety of interpersonal, workplace, group, and international conflicts and negotiations. (Offered every year.) 3 credits
PCST 257 - Model United Nations I (Same as POSC 257)	This course involves preparation for, and participation in, Model United Nations Activities. It also serves as an introductory course on the United Nations itself. Students will master UN procedures of debate and deliberation as well as complete detailed research on one country's policy at the UN. (Offered fall semester.) 3 credits
PCST 260 - Peace and Conflict in Fiction	Prerequisites, PCST 150 and sophomore standing or consent of instructor. Obtaining narrative frames to understand the world and to imagine future possibilities and perils is essential for peacebuilding. While academic works help make sense of the world through empirical methods and data, works of fiction help imagine differing futures to work towards or avoid. In this class, students will explore themes including reproductive rights, race/racism, internment camps, technocracies, nonviolence, individual anarchism, genetic splicing, etc. through works of fiction with a lens of peace and conflict studies. For this purpose, the course will explore ideas in works of socio-political speculative fiction such as Octavia's Brood & A People's Future of the United States, as well as movies such as V for Vendetta and Snow Piercer. Ultimately, the course will try to imagine whether the future will become a dystopia or a utopia if things go on as they are - and what students can do now to improve the future. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
PCST 290 - Independent Internship	(Offered as needed.) 1-3 credits
PCST 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
PCST 310 - International Approaches to Health (Same as HSCI 410)	3 credits
PCST 311 - Borders, Conflict and Sovereignty	Prerequisites, PCST 150 and sophomore standing or consent of instructor. This course explores the dynamics around international law, territoriality, conflict, and sovereignty that contribute to some of the most intractable conflicts around the world today. Students will begin the class by examining the nature of state sovereignty and the roots of its constituent concepts such as fixed territories and borders. After critically engaging the idea that any of these are either natural or enduring, the course will examine how borders affect sovereignty conflicts around the globe. Case studies will include the Cypriot Conflict, the Irish Conflict, the Israel-Palestine Conflict, and the South China Sea Conflict, among others. Ultimately, the class will conclude by pondering both the constructed reality of borders and how to deal with them in a constructive manner, and the future of sovereignty and fixed borders in an increasingly globalizing world. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
PCST 319 - Israel/Palestine: 3000 Years (Same as HIST 319 , POSC 319)	3 credits
PCST 320 - International Law, International Organizations, and World Order (Same as POSC 320)	3 credits
PCST 323 - Law and Politics of Mass Atrocity (Same as POSC 323)	3 credits
PCST 324 - History on Trial: African Struggle for Truth and Justice (Same as HIST 320)	3 credits
PCST 325 - Albert Schweitzer: His Life and Thought (Same as PHIL 325 , REL 325)	3 credits
PCST 328 - Human Rights Law (Same as POSC 328)	3 credits
PCST 329 - Experimental Course	(Offered as needed.) 3 credits
PCST 332 - Democracy and Democratization (Same as POSC 332)	3 credits
PCST 333 - Global Conflict Analysis and Resolution	This course examines in a multidisciplinary fashion the driving forces behind global conflicts both historically and currently, based on case studies. The foci of the course include democracy-autocracy; recognition-non-recognition; and the role of international institutions and non-governmental organizations in international conflicts. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
PCST 345 - Gender in Peace and War	Combat and violence have often been tied to masculinity, while peace gets linked to femininity. This course will examine the causes, consequences, and disruptions of this dichotomy and the related gendered patterns in wartime violence, protests for peace, conflict resolution, and diplomacy. This course will focus on three interrelated sub-areas by examining the roles of gender and sexuality in Militaries; Wartime Violence and the Military Sex Trade; and Peace Activism and Peacebuilding. Within these areas the course will explore how gender interacts with other identity categories, such as race, class, nationality, and sexuality, to shape people's experiences. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PCST 352 - Race and Change in South Africa and the United States (Same as POSC 352)	Apartheid has ended in South Africa, yet ethnic violence and economic challenges cloud the future of South Africa. Despite the civil rights movement, racial injustice persists in America. What insights can South Africa provide for the United States? (Offered alternate years.) 3 credits
PCST 353 - Peace and Conflict in the Middle East (Same as POSC 353)	3 credits
PCST 354 - Non-Violent Social Change (Same as POSC 354 , SOC 354)	In a world consumed by religious, ethnic, and social strife, we need to search for nonviolent means of solving human problems. Readings, films, and web materials are used to examine the practice of nonviolent social change and explore failed and successful cases of nonviolent social change in the United States, South Africa, Poland, Argentina, Denmark, Chile, and India. Students engage with community organizations in an effort to make nonviolent change. (Offered every year.) 3 credits
PCST 355 - Vietnam: War, Peace, and Legacy (Same as POSC 355)	The U.S. war in Vietnam had an enormous impact upon both countries. Debates still rage about who won the war and why. Students will study the war, the peace movement, and the legacy of the conflict. (Offered every year.) 3 credits
PCST 356 - The Psychology of International Conflict (Same as POSC 356)	This course will cover key theories of conflict at that micro and macro level, including the role of the leader and small and large groups as generators, transmitters, and recipients of conflict dynamics. As the understanding of international conflict requires a multi-level approach, this course cuts across the field of politics, sociology, psychology, and history. (Offered every year.) 3 credits
PCST 357 - Model United Nations II (Same as POSC 357) Prerequisites, PCST 257 or POSC 257 and consent of instructor.	This course involves preparation for, and participation in, Model United Nations Activities. It also serves as an introductory course on the United Nations itself. Students will master UN procedures of debate and deliberation as well as complete detailed research on one country's policy at the UN. Students will participate in National Model UN Conference and will be required to pay airfare, ground transportation, and meals. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered spring semester.) 3 credits
PCST 358 - Islam and the West (Same as POSC 358 , REL 358)	This course begins with an introduction to Islam, its historical interaction with the Christian world, and then focuses on the contemporary relations between the Muslim world and the Judeo-Christian influenced west. It explores whether current conflicts derive from religious differences, historical conflicts of interest, or from contemporary political and cultural incompatibilities. It also stresses the heterogeneity in the Islamic community, which is often overlooked by the west. (Offered spring semester.) 3 credits
PCST 359 - Terrorism and War in the Media (Same as SOC 359) Prerequisite, PCST 201 or POSC 201 or SOC 201 or consent of instructor	The course examines how terrorism and war are portrayed in film, television, news sources, and other media. We explore how media is used by elites on various sides of a conflict and by social movement actors to construct cultural conceptions of terrorists/freedom fighters, the enemy, just wars, and even success in a conflict. We also observe the impact of these media constructions. Students are introduced to the methodology of content analysis and use it to produce research about contemporary media trends about conflict. Letter grade with Pass/No Pass option. (Offered spring semester, alternate years.) 3 credits
PCST 360 - War, Memory, and Literature (Same as ENG 360)	This course focuses on the war literature of the twentieth and twenty-first centuries. The great wars of the twentieth century, anticipated by the US Civil War, introduced increasingly accurate and deadly techniques and weapons, and the inspiring words long associated with battle: glory, courage, honor - all accompanied by and confirmed by God's sanction - began to ring hollow. World War II, with its Holocaust association and its destruction of whole cities, culminating in Hiroshima and Nagasaki, fundamentally changed our vision of war. In this introduction to war literature-novels, memoirs, and poetry-we will see war treated less as a path to glory than as a tragic waste, a foolish and useless source of pain and death, or even as a black comedy. In the twentieth and twenty-first centuries, God continues to lead some people to war, but for others, God can only be invoked in the name of peace, and for still others, the wars of the last century prove that God is dead. (Offered as needed.) 3 credits
PCST 364 - International Politics of the Middle East (Same as POSC 364)	3 credits
PCST 366 - Conflict and Social Change in Latin America (Same as ANTH 361)	3 credits
PCST 377 - Religion and Global Politics (Same as POSC 377)	3 credits
PCST 380 - Southern African Challenges and Change	This course will take students to countries in the Southern African region which have experienced apartheid and colonialism and are now engaged in shaping independent and prosperous countries. The challenges these countries (namely, South Africa, Mozambique, Swaziland, Lesotho, Botswana and Namibia) face today are those stemming from poverty, climate change, corruption, global crime, xenophobia, sexism and global (and local) wealth inequality. Meeting and interacting with individuals and groups attempting to address these problems, this course seeks to impart to its participants the experiences and knowledge which Southern Africans have acquired combating these ills. Additionally, it is hoped that course participants will take away knowledge, insights and understandings that will enrich their capacities for pursuing peace and social and economic justice solutions back in the USA. IS 580 will travel with PCST 380. Letter grade. Fee: TBD. (Offered summer.) 6 credits
PCST 383 - Critical Discourse, Social Change, and Positive Peace (Same as LEAD 383) Prerequisite, integrated educational studies minor	How do we move from passive inaction to more active participation in response to oppression in its many forms? This course examines individuals and movements that have addressed both historical and contemporary gross violations of human rights including genocides and other atrocities. Students consider political, philosophical, and systemic theories of how change happens and explore their leadership implications. May be used to satisfy the "Leading Change" (applied capstone) requirement in the LEAD minor. (Offered every year.) 3 credits

PCST 393 - Peace Communication (Same as SCC 393)	This course will take students to a location to analyze the communication strategies of various organizations that pursue peace and social justice, situating this communication within the specific history and culture of the area. Emphasizing real world examples of peace communication practice, the course provides a chance to analyze these through the lens of research and theory from communication studies and peace studies. Students will meet with leaders from and observe a mixture of government agencies, non-profits, non-governmental and advocacy organizations, for-profit social enterprises, and/or international institutions. Students will be expected to attend classes and complete readings and/or written assignments prior to, during, and after departure. Focus of the course will vary depending on the instructors and the location of the program. May be repeated for credit. Fee: TBD. (Offered interterm, alternate years.) 3 credits
PCST 399 - Individual Study	(Offered as needed.) 1-6 credits
PCST 401 - Preparatory Course for the Capstone Project	In this course, students will prepare to undertake their capstone project and write their thesis. This includes engaging in and reviewing major methodological approaches to peace studies research, data collection, and literature review. Students will improve writing and editing skills, and improve their critical thinking and argument analysis. Goals include student completion of a Thesis Proposal that clearly defines the argument and plan for research, and the collection of data to fulfill the thesis requirement. (Offered fall semester) 3 credits
PCST 429 - Experimental Course	(Offered as needed.) 3 credits
PCST 439 - Disability, Policy, and the Law (Same as POSC 439)	3 credits
PCST 453 - Mediation and Conflict Resolution (Same as PCST 253)	3 credits
PCST 490 - Independent Internship	P/NP. (Offered every semester.) 1-3 credits
PCST 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
PCST 498 - Capstone Project in Peace and Conflict Studies	Prerequisites, PCST 150 , PCST 201 The course requires students to engage in independent research, building on coursework from the Peace Studies Major. In their capstone projects students apply theories of international and intergroup conflict, to a topic related to peace and justice issues. Through class discussions, readings, presentations, and case studies the students prepare to utilize concepts, practices, and research from Peace Studies. (Offered as needed.) 3 credits
PCST 499 - Individual Study	Prerequisite, consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. Letter grade. May be repeated for credit. (Offered every semester) 1-3 credits
PERF 329 - Experimental Course	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest in undergraduate studies. Letter grade. Repeatable for credit if the topic is different. Fee: TBD. (Offered as needed.) 1-6 credits
PERF 395 - Song and Dance	Prerequisite, musical theatre minor or consent of instructor. Theoretical approaches to singing and dancing techniques may at times seem contradictory in their methods. By working on specific class projects, this course is designed to help students theorize, experiment and strategize on developing a healthy approach to singing and dancing at the same time. Letter grade. (Offered fall semester) 2 credits
PERF 498A - Musical Theatre Capstone I	Prerequisites, DANC 130 , DANC 134 , DANC 136 , DANC 138 , DANC 139 , DANC 239 , DANC 345 , MUS 128 , MUS 345 , and MUS 106 or MUS 406 , and TH 112 TH 216 , TH 345 This capstone course focuses on how to survive and flourish in the musical theatre profession by teaching students how to be risk-taking yet tactical performing artists. Through the building of a personalized "audition book" and the use of mock auditions, students will learn to distinguish their unique voices, and how to identify marketing and networking possibilities to succeed as performers. The course also covers information on contract negotiations, the role of agents and managers, performers' unions and survival strategies between jobs. (Offered fall semester) 2 credits
PERF 498B - Musical Theatre Capstone II	Prerequisites, DANC 130 , DANC 134 , DANC 136 , DANC 138 , DANC 139 , DANC 239 , DANC 345 , MUS 128 , MUS 345 , and MUS 106 or MUS 406 , and PERF 498A , TH 112 , TH 216 , TH 345 This capstone course focuses on how to survive and flourish in the musical theatre profession by teaching students how to be risk-taking yet tactical performing artists. Through the building of a personalized "audition book" and the use of mock auditions, students will learn to distinguish their unique voices, and how to identify marketing and networking possibilities to succeed as performers. The course also covers information on contract negotiations, the role of agents and managers, performers' unions and survival strategies between jobs. (Offered spring semester) 2 credits
PHRM 100 - Introduction to Pharmacy	Prerequisite, pharmacy freshman early assurance program. Introduce students to the profession of pharmacy, career pathways, professional organizations, professional behavior and program expectations. Letter grade. May be repeated for credit. (Offered fall semester) 1 credit
PHRM 200 - Introduction to Pharmacy II	Prerequisites, pharmacy freshman early assurance program, sophomore standing. Prepare students for Pharmacy School and beyond by presenting information on the various pharmacy professional associations, as well as drug discovery and research, career planning, pharmacy terminology, and adverse Drug reactions. Students will also receive an introduction to the Capstone research elective that is available to them during the Pharm.D. program at Chapman. Letter grade. (Offered spring semester) 1 credit
PHRM 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. (Offered every semester) 1-3 credits
PHRM 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. May be repeated for credit. (Offered every semester) 1-3 credits
PHIL 101 - Introduction to Philosophy	An introduction to approaches and issues in fundamental areas of philosophy such as ethics, political philosophy, philosophy of religion, and metaphysics. As part of the course, students explore how philosophy can help to shape and to justify personal values. Not a prerequisite for other philosophy courses. (Offered every semester) 3 credits
PHIL 102 - Philosophy through Science Fiction	Time-travel, teleportation, artificial intelligence, and the simulation of experience each raise difficult philosophical problems. We will use these and other science fiction scenarios to initiate our philosophical inquiry, reading and discussing philosophy articles that address the problems raised by science fiction scenarios. (Offered every semester) 3 credits
PHIL 104 - Introduction to Ethics	Students examine some of the most urgent contemporary moral problems, based on the insights of major thinkers in the history of philosophical thinking about morality. Practical topics may include abortion, the death penalty, world hunger, and the environment. (Offered every semester.) 3 credits
PHIL 120 - Global Ethics and Religion (Same as REL 120)	3 credits
PHIL 125 - Philosophy of Religion (Same as REL 125)	An introduction to philosophical issues in the world religions. Comparisons and contrasts between Western and Asian philosophy of religion are emphasized: What is the meaning of life? How do resurrection and reincarnation differ? Does God exist? How could a good God allow evil? Could only one religion be right? (Offered every semester.) 3 credits
PHIL 203 - Logic	An introduction which teaches the skills necessary for distinguishing between correct and incorrect reasoning. Methods will be taught which can help one to reason more persuasively and to write more clearly. A focus on interpreting arguments in everyday English plus a study of conclusive methods for testing the correctness of reasoning. (Offered every semester) 3 credits
PHIL 291 - Student-Faculty Research/Creative Activity	Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
PHIL 300 - Symbolic Logic	A study of methods to distinguish good and bad deductive reasoning. Students will learn to "translate" English sentences into the formal language of sentential and predicate logic, to construct proofs in the language, and to understand the semantics (or model theory) for the language. (Offered every semester) 3 credits
PHIL 303 - Environmental Ethics	How to understand and evaluate moral issues related to the environment. Topics include, environmental justice, property rights, individualism vs. "deep ecology," global warming, use of wilderness, non-human animals, sustainability, and Schweitzer's "reverence for life." (Offered alternate years.) 3 credits
PHIL 305 - Metaphysics	Metaphysics deals with what exists and, ultimately, with what is real. Topics include: the relationship of God to time; whether or not our language refers to reality; and whether humans have free will or are determined to act as they do. (Offered every year) 3 credits
PHIL 306 - Games and Decisions	Decision theory and game theory are formal apparatuses for analyzing preferences and choices. Students will learn the basics of the formal theories and then examine their foundations and philosophical implications. Some attention will be paid to psychological studies suggesting how people actually make decisions. (Offered every year) 3 credits
PHIL 307 - History of Twentieth Century Philosophy	Towards the beginning of the twentieth century, a rich and influential tradition known as Analytic Philosophy emerged, which became the predominate style of philosophy in the English speaking world. In this course, we will look at the early history of this movement, as reflected in the works of Frege, Russell and Moore, as well as the transformations this movement experienced under the influence of Wittgenstein, Kripke, and others. (Offered as needed.) 3 credits
PHIL 309 - Religion, Knowledge and Evil (Same as REL 309)	In this course, students will examine important contemporary theories of knowledge that support the rationality, justification, and warrant of religious beliefs. Students will also assess the merits of those religious epistemologies in the face of arguments based on evil and suffering. (Offered alternate years.) 3 credits
PHIL 310 - From Socrates to Aquinas (Same as REL 310)	An interdisciplinary study of philosophical and religious thinkers from the earliest Greek philosophers through the Middle Ages. We see how the ideas of the Pre-Socratics, Socrates, Plato, Aristotle, Augustine, Anselm, Maimonides, and Aquinas change through time, and inform our contemporary search for moral and religious values. (Offered every semester.) 3 credits
PHIL 311 - Descartes to Kierkegaard (Same as REL 311)	An interdisciplinary study of the great philosophical and religious thinkers from the Reformation to the 20th century whose ideas form the basis for modern thought. Major thinkers include René Descartes, Baruch Spinoza, John Locke, David Hume, Immanuel Kant, and Søren Kierkegaard. (Offered every semester.) 3 credits
PHIL 312 - Ethics Bowl	Prepares students for the annual Intercollegiate Ethics Bowl debate competition. Course includes study of moral principles and theory, in-depth analysis of nationally determined cases featuring historical, contemporary, and speculative ethical dilemmas, with significant focus on mock debating. May include travel for competition. May be repeated for credit. (Offered fall semester) 3 credits
PHIL 314 - Medical Ethics	A systematic examination of ethical principles applied to moral dilemmas in health care. Topics include: euthanasia, abortion, informed consent, the professional-patient relationship, human and animal experimentation, and allocating scarce medical resources. Of special interest to those seeking careers in medicine, nursing, physical therapy, social work, and related fields. (Offered every semester) 3 credits
PHIL 316 - Business and Professional Ethics	A study of pressing moral issues generated today in business and the professions. Topics include the special responsibilities of professionals, the obligations of corporations concerning the environment and product safety, the rights of employees, and honesty in advertising. Relevant to all students with career interests. (Offered every semester.) 3 credits
PHIL 318 - Political and Legal Philosophy	An examination of significant moral issues in politics, society and law, illuminated by contemporary and historical writers. Topics include punishment; defending a guilty client; moral rights, theories about the just society, liberty, war and terrorism. (Offered every year) 3 credits
PHIL 319 - Philosophy of Women/Women of Color	A study of philosophical issues concerning sex roles and gender, focusing on women of color - especially African American, Mexican American, and Asian American women. Topics include stereotypes; beauty; women as "Other," gender and the law, and such moral values as autonomy, empowerment, equality, and justice. (Offered every year) 3 credits
PHIL 320 - Belief, Truth, and Knowledge	An examination of fundamental issues about the origin, nature, and validity of knowledge. Topics include the nature of truth, the problems which arise concerning the reliability and objects of perception, how our beliefs can be justified, whether skepticism can be avoided, and whether there can be certain knowledge. (Offered every year) 3 credits
PHIL 321 - Philosophy of Science	An introduction to the classic issues in the philosophy of science: the nature of scientific explanation, the confirmation of scientific theories, the nature of scientific laws, the distinction between science and pseudoscience, and the unity of science. (Offered every year) 3 credits
PHIL 322a - Philosophical Theology (Same as REL 322a)	3 credits
PHIL 323 - Philosophy in Literature	A study of intriguing philosophical ideas and themes as dealt with by novelists, poets, and dramatists. The unifying theme of the course varies. The most recent ones were love, self-deception, and achieving an authentic self, individual freedom and the authority of the state, and the concept of the self. (Offered every three years.) 3 credits
PHIL 324 - Philosophy of Law	This course will focus on a number of questions in philosophy of law, including: (1) What is law? What distinguishes legal rules from the rules of a game or the rules of morality? And what is the status of a legal rule that purports to if it demands or allows immoral actions? (2) What is the nature of rights? Are there natural rights? Human Rights? Or should we reject the idea of rights altogether? (3) Can punishment be justified? Why? What must be true of the law before breaking it can be a reason to punish people? An important theme running through this course will be the relation between law and morality. (Offered every year.) 3 credits
PHIL 325 - Albert Schweitzer: His Life and Thought (Same as PCST 325 , REL 325)	3 credits
PHIL 326 - Food Ethics	Food is a very familiar part of human life, and its study reveals the complex social, economic, and moral relations between people and institutions. This course will explore themes in multicultural moral philosophy through the lens of food and agriculture. Topics include vegetarianism and veganism, cannibalism, world hunger, global trade, animal rights, religious diversity, GMOs, and more. (Offered as needed.) 3 credits
PHIL 327 - Global Justice	An examination of ways in which our world can work to balance human rights with respect for cultural diversity. Topics covered include human rights, global trade, international law, cultural pluralism, imperialism, war and intervention, and more. (Offered every year) 3 credits
PHIL 329 - Experimental Course	(Offered as needed.) 3 credits
PHIL 330 - The Origins of Western Civilization: Mathematics and Philosophy in Magna Graecia and Ancient Sicily (Same as COM 330)	This innovative interdisciplinary and multicultural course begins with an interdisciplinary study of philosophical and religious thinkers from the earliest Greek philosophers through the Middle Ages. We see how the ideas of the Pre-Socratics, Socrates, Plato, Aristotle, Augustine, Anselm, Maimonides, and Aquinas change through time, and inform our contemporary search for moral and religious values. Next, the course covers a chronological study of the development of mathematics. Emphasis will focus on the solution of selected mathematical problems associated with historical periods. Finally, this course further explores Italian culture from a variety of perspectives to help deepen learners' understanding of the interconnectedness of culture and communication. To experience this interconnectedness first-hand, we will explore the various Magna Graecia territories and Ancient Sicily including parts of the modern Italian regions of Calabria, Basilicata, Puglia, and Campania and the coasts of Sicily to better understand where these ideas, texts, and values originated. Taken altogether, this approximate 10-day journey will take students through a range of cultural experiences in Southern Italy to offer students the opportunity to (1) compare Italian culture with the culture of the United States (and/or their own unique cultural background), and (2) understand the interconnectedness of a social identity approach to communication and culture and its effect on human behavior and attitudes. Letter grade. Fee: TBD. (Offered interterm.) 3 credits
PHIL 331 - Feminism and Freedom (Same as HUM 331)	3 credits
PHIL 340 - Philosophy of Mind	A study of classical and contemporary philosophical issues concerning the mind and mental phenomena - e.g., the concept of a person, mental images, dreams, minds and machines, philosophical presuppositions in psychology. (Offered every year) 3 credits
PHIL 350 - Philosophy of Quantum Theory	The course concerns one of the most philosophically engaging problems in modern science: the quantum measurement problem. Only high-school level mathematics is assumed. Although aimed at philosophers, it is open to anyone interested in modern science and what it says about reality. The philosophical foundations and implications of prominent solutions to the problem will be evaluated. This will engage central topics in metaphysics, epistemology, and philosophy of mind. (Offered as needed.) 3 credits
PHIL 357 - Topics in Humanomics (Same as ECON 357 , ENG 357)	3 credits
PHIL 365 - Philosophy and Neuroscience of Free Will (Same as PSY 365)	This interdisciplinary course, aimed at a mix of philosophy and psychology students, focuses on the ways in which recent neuroscientific research can be brought to bear on philosophical debates surrounding free will and moral responsibility as well as how philosophical work on these issues can be used to help interpret and even guide research in neuroscience. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PHIL 398 - Junior/Senior Seminar	Prerequisites, junior standing, 6 credits in philosophy, or consent of instructor. In their junior or senior year, all philosophy majors must enroll at least once in this seminar on a significant topic in philosophy. Students will complete a substantial philosophical essay. May be repeated for credit when the topic changes. (Offered every semester) 3 credits
PHIL 399 - Individual Study and Research	(Offered as needed.) 1-6 credits
PHIL 490 - Independent Internship	Prerequisites, 6 credits completed in philosophy, consent of both instructor and philosophy department chair. P/NP. May be repeated for credit. (Offered every semester) ½-3 credits
PHIL 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester) 1-3 credits
PHIL 499 - Individual Study	Prerequisites, junior standing, 6 credits in philosophy, must be arranged with the instructor and approved by department chair. Directed reading and an independent research paper are designed to meet the needs of superior upper-division philosophy students. (Offered as needed.) 1-3 credits
PA 101 - Volleyball	(Offered every semester) ½ credit
PA 104 - Bowling	(Offered every semester) ½ credit
PA 105 - Ultimate Frisbee	(Offered every semester) ½ credit
PA 106 - Outdoor Soccer	(Offered spring semester) ½ credit
PA 107 - Aerobics	(Offered every semester) ½ credit
PA 108 - Tennis	(Offered every semester) ½ credit
PA 109 - Martial Arts (Aikido)	(Offered every semester) ½ credit
PA 110 - Self Defense for Women	(Offered every semester) ½ credit
PA 111 - Yogalates	(Offered every semester) ½ credit
PA 113 - Personalized Fitness	Course offers an introduction to personal wellness and meets for once a week lecture on topics ranging from exercise, diet, nutrition, flexibility, injuries and stress. Students will then develop and execute their own exercise plan outside of class time and check-in on their progress throughout the semester. May be repeated for credit. (Offered every semester) 1 credit
PA 114 - Weight Training	(Offered every semester) ½ credit
PA 120 - Swimming Activities	(Offered every semester) ½ credit



PA 121 - Sailing	Fee: \$75. (Offered spring semester.) ½ credit
PA 122 - Golf	Beginning Golf for business and life will familiarize students to the multifaceted sport of golf. This introductory course is open to all, including those with little or no prior knowledge and experience. Various topics throughout the semester will be presented to enhance student's awareness of swing fundamentals as well as course protocol. May be repeated for credit. (Offered every semester.) ½ credit
PA 123 - Pickleball	This class invites students to learn and play Pickleball, a recreational sport that combines elements of tennis, badminton, and ping-pong. Sport is played on tennis courts and can be played between two singles competitors or between teams of two. All skill levels can participate in this class. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered every year.) ½ credit
PA 128 - Basketball	(Offered every semester.) ½ credit
PA 129 - Experimental Course	(Offered as needed.) ½-6 credits
PA 140 - Football	(Offered fall semester.) 1 credit
PA 141 - Men's Soccer Team	(Offered fall semester.) 1 credit
PA 142 - Men's Basketball Team	(Offered every semester.) 1 credit
PA 143 - Cross Country Team Men/Women	(Offered fall semester.) 1 credit
PA 144 - Water Polo Team	(Offered fall semester.) 1 credit
PA 145 - Baseball Team	(Offered spring semester.) 1 credit
PA 146 - Golf Team	(Offered spring semester.) 1 credit
PA 147 - Lacrosse Team	(Offered spring semester.) 1 credit
PA 148 - Men's Tennis Team	(Offered spring semester.) 1 credit
PA 151 - Women's Volleyball Team	(Offered fall semester.) 1 credit
PA 152 - Women's Softball Team	(Offered spring semester.) 1 credit
PA 153 - Women's Basketball Team	(Offered every semester.) 1 credit
PA 154 - Women's Soccer Team	(Offered fall semester.) 1 credit
PA 155 - Women's Tennis Team	(Offered spring semester.) 1 credit
PA 156 - Swimming and Diving Team Men/Women	Students participating on the intercollegiate men's and women's Swimming and Diving Team meet for scheduled practices and intercollegiate competition. May be repeated for credit. (Offered fall semester.) 1 credit
PA 157 - Track Team Men/Women	Students participating on the Intercollegiate men's and women's Track Team meet for scheduled practices and intercollegiate competition. May be repeated for credit. (Offered spring semester.) 1 credit
PA 158 - Crew (Rowing) Men and Women	Students participating on the Men's and Women's Club Crew Team meet for scheduled practices and competition throughout the spring semester. May be repeated for credit. (Offered spring semester.) 1 credit
PA 159 - Women's Water Polo Team	(Offered spring semester.) 1 credit
PA 160 - Women's Lacrosse Team	Prerequisite, consent of instructor. Students participating on the intercollegiate Women's Lacrosse team meet for scheduled practices and intercollegiate competition throughout the spring semester. May be repeated for credit. (Offered spring semester.) 1 credit
PA 163 - Lifeguard Training	Corequisite, PA 164 The course includes instruction, and potential certification, in lifeguarding. Students must be able to swim 500 yards and retrieve a 10-pound brick from 7 Feet of water. May be repeated for credit. (Offered spring semester.) 1 credit
PA 164 - First Aid and CPR	Successful completion enables students to receive certification cards for both First Aid and CPR from the American Red Cross. May be repeated once for credit. (Offered as needed.) 2 credits
PA 499 - Individual Study	Prerequisite, consent of instructor. This individual study course allows students to work one-on-one with the instructor to fulfill the requirements of one or more of the physical activity course offerings or as determined by the instructor. This course is offered on an as-needed basis and requires instructor approval. May be repeated for credit. (Offered as needed.) ½-3 credits
PHYS 101 - General Physics I	Prerequisite, MATH 110 or MATH 115 Corequisite, PHYS 101L or previous credit for PHYS 101L Students learn how to apply the core principles of calculus-based physics to everyday situations, including connections to chemistry, computation, and engineering. Students develop broadly applicable critical thinking, approximation, and problem-solving skills. Topics include symmetry, particles and fields, measurement error, reference frames, kinematics, conservation (of energy, momentum, angular momentum), interactions, transfer (as power, force, torque), and small oscillations. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
PHYS 101L - General Physics I Laboratory	Prerequisite, MATH 110, or MATH 115 Corequisite, PHYS 101 or previous credit for PHYS 101 Students solidify understanding of the physical concepts explored in PHYS 101 by designing experiments that test hypotheses, analyzing data with experimental uncertainty, and drawing valid conclusions from results. This course introduces concepts as needed in parallel with PHYS 101 to provide a complementary perspective on the same material. Letter grade with Pass/No Pass option. (Offered spring semester.) 1 credit
PHYS 102 - General Physics II	Prerequisites, PHYS 101, and MATH 111, or MATH 115 Corequisite, PHYS 102L or previous credit for PHYS 102L Students explore the principles of electricity and magnetism and learn to understand the roles they play in our everyday experiences. Students develop broadly applicable critical thinking, approximation, and problem-solving skills. Topics include the study of electromagnetic fields and motions of charged objects using vector calculus, DC and AC circuit design, magnetic induction and wireless power, and basic properties of light and electromagnetic radiation. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
PHYS 102L - General Physics II Laboratory	Prerequisites, PHYS 101 Corequisite, PHYS 102 or previous credit for PHYS 102 Students solidify understanding of the physical concepts explored in PHYS 102 by designing experiments that test hypotheses, analyzing data with experimental uncertainty, and drawing valid conclusions from results. This course introduces concepts as needed in parallel with PHYS 102 to provide a complementary perspective on the same material. Letter grade with Pass/No Pass option. (Offered fall semester.) 1 credit
PHYS 107 - General Physics for the Life Sciences I, Lecture and Laboratory	Prerequisite, MATH 110, or MATH 115 Students learn to apply the core principles of calculus-based physics to everyday experiences, from sports and biomechanics to chemistry and biology. Students develop broadly applicable critical thinking, approximation, and problem-solving skills. Topics include measurements and units, error propagation, vectors, calculus-based kinematics (linear and rotational) and dynamics (Newton's laws of motion), linear and angular momentum, energy and energy transfer (work), conservation laws (energy, linear and angular momentum), rigid body statics and elasticity with applications to biomechanics, and fluid mechanics with applications to the circulatory system. This course includes a lecture and a required laboratory component held at different times. Letter grade with Pass/No Pass option. (Offered every semester.) 4 credits
PHYS 108 - General Physics for the Life Sciences II, Lecture and Laboratory	Prerequisite, PHYS 107, MATH 110 or MATH 115 Corequisite, MATH 111 or MATH 115 Students explore the principles of electricity and magnetism and learn to appreciate its central role in everyday experiences and its applications to the life sciences. Students develop broadly applicable critical thinking, approximation, and problem-solving skills. Topics covered include static electric fields, static magnetic fields, electromagnetic forces, DC circuits, electromagnetic induction, electromagnetic waves and optics. This course includes a lecture and a required laboratory component held at different times. Letter grade with Pass/No Pass option. (Offered every semester.) 4 credits
PHYS 117 - Beauty of Physics	In this conceptual physics course intended for curious non-scientists, students explore a broad range of physical phenomena in an intuitive way without mathematics. Students learn concepts and ideas from the foundations of physics and how they underpin phenomena that affect our everyday experiences. Topics include classical mechanics, gravity, electromagnetic fields and light, sound, relativity, quantum physics and philosophy, cosmology, and beyond. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
PHYS 145 - Introduction to Applications in Computational Science (Same as BIOL 145)	3 credits
PHYS 201 - General Physics III	Prerequisite, PHYS 102 Students continue exploring the principles of physics and their applications to microscopic and macroscopic phenomena. Students develop broadly applicable critical thinking, approximation, and problem-solving skills. Topics include waves, sound, thermodynamics, fluids, relativity, and quantum theory. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
PHYS 207 - General Physics for the Life Sciences III	Prerequisites, MATH 111 or MATH 115 and PHYS 101 or PHYS 107 Students continue exploring the principles of physics and their applications to microscopic and macroscopic phenomena with emphasis on its application to understanding living systems and its use in standard diagnostic tools in the life sciences. Students develop broadly applicable critical thinking, approximation, and problem-solving skills. Topics include waves, sound, thermodynamics, kinetic theory of gases, relativity, atomic and nuclear physics. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PHYS 220 - Scientific Computing I (Same as MATH 220)	Students discover computation as a tool for scientific exploration and learn to complement mathematical methods with numerical methods and data visualization. Students learn modern programming languages and software engineering principles, including interactive notebooks, structured data, change-control, command-line interfaces for cloud computing, and automated testing. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
PHYS 229 - Experimental Course	Physics experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
PHYS 250 - Mathematical Methods in Physics	Prerequisite, MATH 116 or MATH 210 MATH 215 recommended. Students further enhance their mathematical background with more advanced topics that are particularly useful in upper-division physics courses. Topics include variational calculus, linear operators, Fourier analysis, and partial differential equations. Numerous physical applications from these subjects are included as demonstrations of developed mathematical techniques. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
PHYS 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) 1-3 credits
PHYS 320 - Mechanics I	Prerequisites, PHYS 101 and MATH 210 or MATH 116 MATH 215 recommended. Students deepen their understanding of Newtonian mechanics and its applications by using more advanced mathematical formulations of the physical principles studied in PHYS 101. Students learn general concepts, methods, analytic tools and advanced problem-solving skills. Topics include Newton's laws, conservation of momentum, angular momentum, and energy, oscillations, many-body dynamics, and non-inertial frames. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
PHYS 321 - Mechanics II	Prerequisites, PHYS 320, MATH 215 Students are introduced to the Lagrangian and Hamiltonian formulations of mechanics and their applications. Students learn general concepts, methods, analytic tools and advanced problem-solving skills. Topics include Euler-Lagrange equations, constraints, Hamilton-Jacobi theory, phase space methods, chaotic dynamics, and special relativity. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
PHYS 325 - Biophysics	Prerequisites, MATH 111 or MATH 115 and PHYS 107, PHYS 108 or PHYS 101, PHYS 102 Students in this cross-disciplinary course learn to apply the principles, methods and techniques of physics to understand fundamental phenomena in biology at the molecular and cellular levels. Topics include quantitative model building, equilibrium statistical thermodynamics applied to living systems, biopolymers and membranes, electrostatics in saline solutions, nerve action-potentials, diffusion and molecular motors. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PHYS 326 - Cosmology	Prerequisites, PHYS 201, PHYS 250 Students explore the field of cosmology and general relativity as its mathematical framework. Students learn the description of physical processes, precise formulation of mathematical laws and advanced problem-solving skills. Topics include the comparison of Newtonian and Einsteinian gravity, dark matter and dark energy, the cosmic microwave background, inflation and the very early universe. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PHYS 329 - Experimental Course	Physics experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
PHYS 330 - Digital Logic Design I (Same as CPSC 330)	3 credits
PHYS 330L - Lab - Digital Logic Design I (Same as CPSC 330L)	1 credit
PHYS 340 - Quantum Information Science (Same as CPSC 320) Prerequisites, CPSC 230 or PHYS 220 and MATH 215	Students discover features of information storage and processing that appear when classical bit states 0 and 1 are upgraded to quantum bits in superposition states. Topics include reversible computation, circuit and adiabatic models, quantum hardware, error correction, and quantum algorithms with advantage like those of Deutsch-Jozsa, Simon, Grover, and Shor. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PHYS 350 - Experimental Methods in Optics	Prerequisites, PHYS 102, MATH 215 PHYS 421 recommended. Students explore the interactions between light and matter. In this combined lecture and laboratory course students learn mathematical modeling, experimental design, applications, and scientific communication. Topics include the nature of light, geometric optics, electromagnetic waves, photons, wave-particle duality, interferometry, diffraction, polarization, and error analysis. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PHYS 370 - Special Topics in Physics	Prerequisite, consent of instructor. Students study more advanced topics in physics that are supplementary to the core curriculum and chosen by the instructor. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) ½-3 credits
PHYS 421 - Electricity and Magnetism I	Prerequisites, PHYS 250 and PHYS 102, or PHYS 108 Students deepen their understanding of electrostatics and its applications using more advanced mathematical formulations of the physical principles studied in PHYS 102 Students learn general concepts, methods, analytic tools and advanced problem-solving skills. Topics include electrostatics, divergence and curl of an electrostatic field, the scalar potential, the Laplace and Poisson equations, separation of variables, multipole expansions, conductors, electric currents. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
PHYS 422 - Electricity and Magnetism II	Prerequisites, PHYS 250, PHYS 421 Students deepen their understanding of magnetostatics and electrodynamics and their applications using more advanced mathematical formulations of the physical principles studied in PHYS 102 Students learn general concepts, methods, analytic tools and advanced problem-solving skills. Topics include the Lorentz force, the Biot-Savart law, the divergence and curl of a magnetostatic field, vector potential, electromagnetic induction, the Maxwell equations, and conservation laws for charge, energy and momentum. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
PHYS 429 - Experimental Course	Physics experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
PHYS 430 - Thermal and Statistical Physics I	Prerequisite, PHYS 201 or PHYS 207 Students learn the principles and applications of classical thermodynamics and statistical mechanics. Topics include probability and statistics, two-state systems, entropy, laws of thermodynamics, ideal gases, calorimetry, heat engines and refrigerators, and equilibrium statistical ensembles of classical systems. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
PHYS 431 - Thermal and Statistical Physics II	Prerequisites, PHYS 430 Students deepen their understanding of the principles and applications of classical thermodynamics and statistical mechanics. Topics include equilibrium statistical ensembles of classical systems, Maxwell-Boltzmann distribution, Ising spin chains, quantum Bose-Einstein and Fermi-Dirac distributions, phase transformations, chemical equilibrium, non-ideal gases, and non-equilibrium statistical mechanics. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
PHYS 451 - Quantum Mechanics I	Prerequisites, PHYS 250 and PHYS 201 or PHYS 207 Students learn the basic principles of quantum mechanics, which describe atomic, molecular, and nuclear physics. Students learn general concepts, methods, analytic tools and advanced problem-solving skills. Topics include evidence for and origins of quantum mechanics, mathematical background, the postulates of quantum mechanics, one-dimensional systems, quantization of angular momentum, and three-dimensional quantum systems including the hydrogen atom. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
PHYS 452 - Quantum Mechanics II	Prerequisite, PHYS 451 Students learn how to apply quantum mechanics to systems of many particles and understand the dynamics of atoms interacting with the electromagnetic field. Students learn general concepts, methods, analytic tools and advanced problem-solving skills. Topics include atoms in magnetic fields, addition of angular momentum, identical particles, emission and absorption of radiation, perturbation theory, the variational method, and the WKB approximation. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
PHYS 453 - Foundations of Quantum Mechanics (Same as MATH 453)	Quantum mechanics is perhaps the most successful theory of physics, but the question of what it means has always been controversial. Students explore how we can approach interpretational questions by the usual methods of physics, i.e., proving mathematical results and doing experiments. Students develop critical thinking, problem solving, and written and oral communication skills. Topics include the postulates and basic phenomenology of quantum mechanics, the realism/antirealism debate in philosophy of physics, the Einstein-Podolsky-Rosen argument, the measurement problem, the generalized formalism of quantum theory, ontological models, no-go theorems, the classical limit of quantum theory, and interpretations of quantum theory. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
PHYS 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) 1-3 credits
PHYS 499 - Individual Study	Prerequisites, consent of instructor, approval of petition. Students learn about a select area of physics in more depth through individual study, with guidance from a physics faculty supervisor. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. (Offered as needed.) 1-3 credits
POSC 110 - Introduction to American Politics	An introduction to the institutions and political processes of American government. Topics include an overview of the cultural and ideological background of the American system of government, its constitutional foundations, the various actors at all levels of the political system, individual rights and liberties, and the policymaking process. This course satisfies the U.S. Constitution requirement for a California Teaching Credential. (Offered every semester.) 3 credits
POSC 120 - Introduction to International Relations (Same as PCST 120)	An introduction to the theories and concepts within the field of international relations. Topics include major global issues such as conflict, development, technological growth, current events, ecosystem balance, war and violence, and the distribution of power and resources. (Offered every semester.) 3 credits
POSC 130 - Introduction to Comparative Politics	An introduction to the political systems of major countries in a comparative perspective. Topics include comparisons of countries such as Britain, France, Japan, and Mexico, along with implications for economic planning, social welfare, and human rights. (Offered every semester.) 3 credits
POSC 150 - Introduction to Disability Studies; Challenging Myths of Normalcy (Same as IES 150, PCST 160)	3 credits
POSC 200 - Introduction to Political Theory	Prerequisites, sophomore standing and political science major or minor. An introduction to social science methodology and research design within the discipline of Political Science. Topics include how to design and conduct surveys, experiments, and content analyses, as well as attention given to the needs of students as consumers of political research, i.e. trying to make sense out of daily reports on political findings in newspapers, television, and magazines. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
POSC 201 - Political Research Design	Prerequisites, sophomore standing, political science major. An introduction to social science methodology and research design within the discipline of Political Science. Topics include how to design and conduct surveys, experiments, and content analyses, as well as attention given to the needs of students as consumers of political research, i.e. trying to make sense out of daily reports on political findings in newspapers, television, and magazines. (Offered every semester.) 3 credits
POSC 210 - Modern Middle East History (Same as HIST 210)	3 credits

POSC 212 - Introduction to Public Administration	This is an introductory course designed to give students a working knowledge of the history, theories, and practice of public administration in the United States at the national, state, and local levels. Students are introduced to the concepts and major topics of public administration and its intellectual development. Attention is given to its practical application through case studies. This course will provide an overview of all subjects in the field and will serve as a basis for further study in public administration. (Offered spring semester.) 3 credits
POSC 229 - Experimental Course	(Offered as needed.) 3 credits
POSC 239 - People With Disabilities in Politics and Society (Same as PCST 239)	3 credits
POSC 251 - Intercultural Conflict and Communication (Same as PCST 251)	3 credits
POSC 257 - Model United Nations I (Same as PCST 257)	3 credits
POSC 290 - Independent Internship	P/NP (Offered as needed.) 1-3 credits
POSC 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
POSC 299 - Individual Study	Prerequisites, freshman, or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 3 credits
POSC 300 - American Political Thought	A survey of American political thought from the colonial era to the present. Topics include how the modern United States is shaped by contending ideas regarding democracy, capitalism, social welfare, elite rule, theocracy, and liberty, and how these issues have evolved over the history of the United States. (Offered alternate years.) 3 credits
POSC 301 - Ancient to Medieval Political Philosophy	Students in this course study the political ideas of selected thinkers from Ancient Greece to the 16th century, with a view toward understanding both the elaboration and development of key concepts of political philosophy, and how political philosophy can help us understand contemporary issues. Emphasis is placed on the reading of classic texts. (Offered fall semester, alternate years.) 3 credits
POSC 302 - Modern Political Philosophy	Students in this course study the political ideas of selected thinkers from the modern period, with a view toward understanding both the elaboration and development of key concepts of political philosophy, and how political philosophy can help us understand contemporary issues. Emphasis is placed on the reading of classic texts. (Offered spring semester, alternate years.) 3 credits
POSC 303 - La Vie Politique en France/French Political Life (Cannes)	Political institutions of the Fifth Republic, the roles of the president of the republic, the government and parliament, the constitution, administrative functions at various levels of government from national to local, and the present political situation. 3 credits
POSC 304 - Citizenship in Theory and Practice	A historical survey of the theory and practice of citizenship. Topics include citizenship in the American experience; and contemporary citizenship issues such as global citizenship, the status of the environment, and the inclusion or exclusion of a variety of cultural, economic, and social differences from the political community. (Offered alternate years.) 3 credits
POSC 305 - Democratic Theory	An examination of different models and kinds of democracy. Topics include ways that the United States achieves democratic ideals and the ways it falls short, the tensions between democracy and competing economic systems, and ways to deepen or extend democratic ideals. (Offered alternate years.) 3 credits
POSC 309 - Sexual Politics in a Diverse Society	An examination of the interrelationships between political, legal, religious, and social constructs of sexuality. Topics include the historical emergence of gay and lesbian politics through the voices and observations of participants, with a special focus on regimes of governance, gender issues, AIDS, and pivotal court cases. (Offered every year.) 3 credits
POSC 310 - The Presidency	An examination of the executive branch of the federal government and the role of presidential leadership within the American political system. Topics include the constitutional foundations of presidential power, the presidential selection process, presidential relations within a separated system, presidential policy making, and the influences of public opinion and the mass media on the presidency. (Offered every year.) 3 credits
POSC 311 - Congress	An examination of the legislative branch and its role in policymaking within American government. Topics include the institutional structure of Congress, the committee system, roles of the party and leadership systems, congressional elections and incumbency, and the congressional/presidential relationship in the area of policymaking. (Offered every year.) 3 credits
POSC 312C - Presidential Scandals	Presidential scandals such as Watergate, Iran-Contra, Monica Lewinsky, Ukraine and the Capitol Siege have shocked most Americans. They ask, "what is broken? How can it be fixed? Students examine the origins consequences, and lessons learned from these great national nightmares. Letter grade with Pass/No Pass option. (Offered interterm.) 3 credits
POSC 313 - The Supreme Court	An examination of the judicial branch of the federal government, specifically the role of the U.S. Supreme Court in governing. Topics include constitutional foundations of the judicial branch, judicial review, the nomination and selection of justices and judges, the implementation of court decisions, and the role of an activist versus restrained Supreme Court in national policymaking. (Offered alternate years.) 3 credits
POSC 314 - California Politics	A study of the governing and political processes within California. Topics include the three branches of government at the state level, the state constitution, and the various political actors involved in the policymaking process, as well as how the state government addresses the conflicting needs of its diverse population, industries, and natural resources. (Offered every year.) 3 credits
POSC 315 - Campaigns and Elections	An examination of the electoral process within the American political system. Topics include voting and suffrage, the history and effectiveness of political parties, the impact of interest groups and political action committees on elections, campaign finance reform, the role of public opinion and the mass media during campaigns, and possible election reforms. (Offered every year.) 3 credits
POSC 316 - Public Opinion and Voting Behavior	A study of the demographic and attitudinal factors, as well as systemic factors such as the media and the configuration of the political system, that influence political behavior. Topics include public opinion and voting behavior through an examination of social-psychological, rational actor, and systemic theories. (Offered as needed.) 3 credits
POSC 317 - Media and Politics	An examination of the role of the mass media in the American political process. Topics include various models and theories of political communication, the construction of news, agenda setting, mass media effects, campaign communications, and the impact of press coverage of political actors and institutions. Some sections may be taught with COM 317 (Offered every year.) 3 credits
POSC 318 - Women and Politics	An examination of the impact of women in the American political and electoral process as voters, candidates, and office holders. Topics include the history of the women's movement in the United States, the women's suffrage movement, feminism, the impact of gender on the electoral process, women in power at the national, state, and local level, women and leadership, and public policy issues relevant to women. (Offered every year.) 3 credits
POSC 319 - Israel/Palestine: 3000 Years (Same as HIST 319 , PCST 319)	3 credits
POSC 320 - International Law, International Organization, and World Order (Same as PCST 320)	An introduction to changing perceptions of international law and its applications to human rights, the environment, and other issues. Topics include an analysis of the philosophical and political approaches to international law. (Offered alternate years.) 3 credits
POSC 322 - United States Foreign Policy	An examination of various theories of foreign policy. Topics include how interests outside of the government affect government decision makers, how the branches of government influence U.S. foreign policy and the roles played by the legislative and judicial branches of government, how the U.S. faces international crises, decides to intervene or not, how it bargains, and how it deals with non-state international actors. (Offered every year.) 3 credits
POSC 323 - Law and Politics of Mass Atrocity (Same as PCST 323)	An examination of cases of genocide in an effort to determine its political and social causes. Topics include how international law, public tribunals, and campaigns of citizen groups may be utilized to prevent future atrocities and seek justice for the victims of genocide. (Offered spring semester, alternate years.) 3 credits
POSC 324 - Asian Politics	An examination of the interaction between politics and society, as well as the development and current structures of the political systems in Asia. Topics include the interaction between economic development and political changes, as well as the conflict between tradition and modernity. (Offered alternate years.) 3 credits
POSC 325 - International Relations Theory	A study of the evolution of international relations theory in the 21st century with emphasis on different theoretical approaches to understanding the role of the state in international relations, the causes of conflict, and approaches to peace. (Offered alternate years.) 3 credits
POSC 326 - Politics of the Contemporary Middle East (Same as HIST 325)	This course examines the interaction between politics and society in Middle East politics, concentrating on three geographic clusters: North Africa, the Fertile Crescent, and Southwest Asia (including the Persian-Arab Gulf). Students will examine issues of identity formation, state formation, and the post-colonial state. (Offered every year.) 3 credits
POSC 327 - Latin American Politics	An analysis of the governing and political processes in selected Latin American countries. Topics include democratization, state structures, economic development, human rights, democratic reform, and the influence of U.S. foreign policy. (Offered every year.) 3 credits
POSC 328 - Human Rights Law (Same as PCST 328)	An examination of international legal principles and institutions relating to the protection of human rights. Topics include whether and how these principles and institutions serve to improve the lives of individuals throughout the world, including the United States. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
POSC 329 - Experimental Course	(Offered as needed.) 3 credits
POSC 331 - The European Union	An examination of the government and politics of the member states of the European Union. Topics include the history of economic reconstruction and European integration after 1945, the core institutions of the EU, policy areas such as enlargement, the democratic deficit, and legitimacy, and debates about the desirability and form of a European constitution. (Offered alternate years.) 3 credits
POSC 332 - Democracy and Democratization (Same as PCST 332)	An analysis of various issues related to democracy and democratization in an international context. Topics include an examination of how democratic is democracy in democratic countries, how to explain and compare various transitions from authoritarianism to some form of democratic governance, and whether the global spread of markets and democracy is a principal cause of group hatred and ethnic violence throughout the non-western world. (Offered as needed.) 3 credits
POSC 335 - Political Economy	An examination of how economic systems and political systems influence each other. Topics include the role government plays in the economy, how individuals and corporations influence politics, the relationship between capitalism and democracy, and how the gap between the rich and poor might be decreased. (Offered every year.) 3 credits
POSC 336 - The Global and The Local	An inquiry into whether globalization is simply another name for historical trends of long duration, of interdependence, internationalization, imperialism, or something qualitatively new. Topics include whether globalization advances true democracy or a mere shadow thereof, as well as the impact of global changes upon individuals in the U.S. and abroad. (Offered every year.) 3 credits
POSC 338 - African Politics	This course is an overview of African politics in comparative perspective. Central to the objective of this course is the analysis of nation-state building in Africa, Africa's economy and its civil society as this relates to implications for stability, and development prospects on the continent. (Offered every year.) 3 credits
POSC 341 - The First Amendment	This course introduces the student to important legal issues involving freedom of speech, press, religion, and assembly. (Offered fall semester, alternate years.) 3 credits
POSC 342 - Constitutional Law: Institutions and Governance	An examination of American constitutional law with particular emphasis on structural features of the constitutional system. Topics include judicial review, separation of powers, enumerated and implied powers, and federalism. (Offered every year.) 3 credits
POSC 343 - Constitutional Law: Civil Rights and Liberties	An examination of American constitutional law with particular emphasis on the protection of civil rights and civil liberties. Topics include the freedoms of religion, speech, press and assembly; the rights of criminal defendants; economic rights; and the right to equal protection of the laws. (Offered every year.) 3 credits
POSC 346 - Environmental Law	Prerequisite, POSC 110 This course designed will provide students with an overview and understanding of the basics of environmental law and policy; stepping stones for taking on bigger challenges in the future. The course will focus primarily on key U.S. environmental laws, such as the clean air act, clean water act, the endangered species act, and hazardous waste laws. A few key multilateral environmental agreements and processes that make them relevant to domestic law will be intertwined. Throughout the course, the ongoing current developments, particularly in the area of climate change, will be traced. (Offered alternate years.) 3 credits
POSC 349 - Native American Law	The historical relationship between Native American peoples and the United States has been characterized by some as "genocide-at-law," how can the United States come to deal justly with these so-called "nations within?" This course will examine the historical background and contemporary nature of the legal and political relationship between the United States government and Native American tribes. Special focus will be placed on the legal status of indigenous peoples and Native Americans in international law and how that impacts treaty interpretation in Federal Indian Law and the legal basis and political implications of the sovereignty of Native peoples. The social, political, and legal circumstances and prospects of Native Americans will be considered through an examination of legislation, court cases, and the policies of federal, state and local governments. Letter grade with Pass/No Pass option. (Offered fall semester, alternate years.) 3 credits
POSC 352 - Race and Change in South Africa and the United States (Same as PCST 352)	3 credits
POSC 353 - Peace and Conflict in the Middle East (Same as PCST 353)	Beginning with a historical examination of the region focusing on the key social forces and the sources of conflict, students explore the Israeli-Palestinian conflict in depth and conduct a peace conference in an attempt to develop a plausible resolution. (Offered alternate years.) 3 credits
POSC 354 - Non-Violent Social Change (Same as PCST 354 , SOC 354)	3 credits
POSC 355 - Vietnam: War, Peace and Legacy (Same as PCST 355)	3 credits
POSC 356 - The Psychology of International Conflict (Same as PCST 356)	3 credits
POSC 357 - Model United Nations II (Same as PCST 357)	3 credits
POSC 358 - Islam and the West (Same as PCST 358 , REL 358)	3 credits
POSC 359 - Political Argument	Students examine modern political argument via a study of history, politics, and rhetoric. We begin with the basic building blocks of rhetoric and then dive into the French Revolution that gave birth to the modern left-right political divide that continues to the present. Authors include Burke, Paine, Wollstonecraft, Marx, Hayek, and Rawls. Letter grade with Pass/No Pass option. (Offered spring semester, alternate years.) 3 credits
POSC 360 - Local Politics	This course focuses on local government and politics in the US. You'll be introduced to the basics of local politics, including the structure and organization of local government, intergovernmental relations and nongovernmental elements (voters, interest groups, media, private power holders, race, and class). To the maximum extent possible, this will be done using the cities of Orange and Irvine and the surrounding area (Orange County) as a learning laboratory. We'll also learn about local politics through a simulation, with students playing the roles of various actors in local politics. The goal of the course is to provide students with information, understanding and critical insights as to how American communities function politically. (Offered fall semester.) 3 credits
POSC 361 - Federal Policy Design and American Energy Policy	This course examines the legislative process whereby Congressional-Executive action creates national policies of significant effect upon American citizens. The lens used to examine the creation of such policies is the Congressional procedure utilized over several decades which constructed laws promulgating American energy policy. The course is structured around several themes. Initially, the constitutional foundation for legislative process is explored through understanding the significance and role of Article 1 as the matrix for law making. The construct and effect of the bicameral nature of the Congress working in conjunction with the Executive is then studied. Changing over time majority-minority composition of the Congress and its effect on the committee and hearings outcomes is examined. Throughout the course segments energy resource data and statistics are examined and compared to the debate occurring during the policy development process. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
POSC 362 - Politics of Humanitarianism	Politics of Humanitarianism equips students with analytical tools essential for understanding the complexities of humanitarian representation, programming, and evaluation. The course overviews methods by which humanitarian agencies garner support, including critical examination of the media used to do so. It surveys various approaches to implementing humanitarian efforts, underscoring the complexity of actors involved, and how their respective political aims can work out at various levels of analysis, from HQs to the field. It engages evaluation of humanitarian projects including debates about metrics of success and the politicization of data themselves. (Offered every year.) 3 credits
POSC 363 - The Arab World: Colonialism to Revolution (Same as HIST 363)	3 credits
POSC 364 - International Politics of the Middle East (Same as PCST 364)	Why are so many wars in the Middle East? To address this question we need to understand the development of the international system in the Middle East, from World War I to the present. The course focuses on four key factors: Great Power politics-US influence and interventions; regional rivalries; competing ideologies and identities (secular or Islamic) that fuel the rivalries; and domestic developments, including popular uprisings. Letter grade. (Offered every year.) 3 credits
POSC 365 - The Evolution of the American Party System	This course examines the evolution of the American political party system from the late eighteenth century to the present. Students will examine the causes and consequences of shifting party coalitions; changes in the parties' organizational structures; and the relationship between parties and other organizational actors in civil society. In addition, students will evaluate U.S. political parties from a normative perspective. The course will examine the ways in which their emergence has complicated the functioning of the U.S. constitutional system (whose designers did not anticipate the existence of parties). The course will ask whether parties have tended to promote or discourage a healthy culture of civic engagement. And it will examine whether the recent polarization of the electorate along partisan lines poses a threat to democratic institutions in the United States. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
POSC 367 - Revolution and Philosophy	Often inspired and preceded by great thinkers, revolutions shape the ideas and actions of those who watch the flames. Ideas spark revolutions and revolutions, in turn, inspire new political thinking about the human condition and its possibilities. This upper division course examines four of the world's great revolutions - the English Revolution (1640-1660) and the French Revolution (1789-1799) which gave birth to the liberal constitutional democracy and the modern world, the Russian Revolution of 1917 inspired by the writings of Marx and leadership of Lenin, and the climate emergency of the 21st century that challenges the norms of free market capitalism in a quite different way than did Communism. Among the writers students will read: John Locke, Rousseau, Karl Marx, Vladimir Lenin, Bill McKibben, Bill Gates, and Naomi Klein. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
POSC 368 - Game Theory for Political Science	Prerequisites, POSC 201 and political science major or minor. The course introduces game theory, the mathematical analysis of strategic interactions, and its applications to political science and international relations. Politics is often about strategic decision-making like allocating scarce goods, competition for resources, and impossible negotiations. Hence much of it is a natural fit for the language and models of game theory. Concepts such as Nash equilibrium, dominant strategies, evolutionary stability, and asymmetric information will be presented and applied to various strategic decision problems, including, but not limited to, war, elections, policymaking, collective action, and corruption. Letter grade. (Offered as needed.) 3 credits
POSC 369 - Administrative State	The U.S. Constitution separates legislative, executive, and judicial functions in its first three articles. Congress develops laws, the executive branch enforces them, and courts adjudicate purported violations. This separation assures that no single entity decides what is a violation, and who has committed a violation. Federal agencies function differently, Congress passes authorizing statutes; federal agencies craft regulations from authorizing statutes. Each federal agency then chooses who to prosecute, and the agency's own judges determine whether a violation of their regulations has occurred, without a jury. Agencies therefore have consolidated (legislative, executive, and judicial) power. The Supreme Court has largely left federal agencies to define their own regulations without court review (as with Chevron deference). This channel of government authority has grown enormously in the past 75 years. In this course students will evaluate recent legal and political assessments of the structure and growth of the administrative state, and recent court cases that have begun to redefine it around its edges. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
POSC 370 - Energy Politics	This course examines the international and domestic politics of energy. The health of the global economy depends on inexpensive and reliable energy, yet the stability of our climate is threatened by our continuing dependence on fossil fuels. As concerns about energy security and pressures to reduce carbon emissions intensify, countries are grappling to adjust their energy policies. To better understand the intersection between these issues, students will be encouraged to think about balancing issues of cost, security and climate governance in the United States and the international community. Finally, this course will consider the prospects for a shift away from hydrocarbon-based economies to anticipate how a new energy order might affect global politics. (Offered fall semester, alternate years.) 3 credits



<b>POSC 371 - Urban Politics</b>	An exploration of the urban affairs and the problems faced by local elected officials, business and community leaders, and citizens in the urban context. Topics include theories of urban politics, specifically topics that include governmental institutions, political behavior, and policy responses, as well as current controversies of the changing urban political economy, suburban growth and exclusion, and alternative structures for metropolitan governance. (Offered alternate years.) 3 credits
<b>POSC 372 - Racial and Ethnic Politics in the U.S.</b>	An analysis of the central importance of race and ethnicity in American politics. Topics include the divergence and similarities in the political incorporation of various West- and East-European ethnic groups (Irish, Italian, German, East-European Jews), African-Americans, Latinos, and Asian-Americans. (Offered alternate years.) 3 credits
<b>POSC 373 - Separation of Powers and Public Policy</b>	The course will analyze civil rights, flag burning, gun control, and other controversial topics (including some students suggest), from the point of view of which branch of the federal or state government: executive, legislative or judicial, can best resolve differences in public policy. (Offered interterm.) 3 credits
<b>POSC 374 - Environmental Politics and Policy (Same as ENV 374)</b>	An overview and examination of environmental problems and their political implications. Topics include worldwide, environmental problems ranging from global warming to resource depletion, deforestation and toxic waste, as well as the political and policy responses to these threats, including sustainable development, eco-justice movements, and the efforts of various actors in the domestic and international arenas. Letter grade with Pass/No Pass option. (Offered fall semester.) 3 credits
<b>POSC 375 - Public Policy Process (Same as ENV 375)</b>	An examination of how public policies are proposed, adopted, implemented, and evaluated. Topics include the structures and processes of public policymaking in the U.S., major substantive policy areas, as well as the historical and contemporary explanations for policymaking. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
<b>POSC 377 - Religion and Global Politics (Same as PCST 377)</b>	This course examines the relationship between religion and politics in the sphere of international relations, with a particular focus on recent developments in socio-scientific theory dealing with religion. The course is structured around three broad themes. First, we discuss intersections between the specific religion literature and broader IR theory, in particular social constructivism and rational choice theory. Second, we look at debates surrounding the secularization thesis and its validity in the contemporary world. Third, we apply these notions to several case studies by looking broadly at the issues of violence. (Offered spring semester.) 3 credits
<b>POSC 378 - Special Topics in Public Policy</b>	Prerequisite, consent of instructor. The advanced study of special topics in public policy. List of topics may vary each semester the course is taught. May be repeated for credit. (Offered as needed.) 3 credits
<b>POSC 378A - The Politics of Climate Change</b>	Prerequisite, POSC 110 or POSC 120 or POSC 130 or PCST 150 or POSC 212 This course examines climate change, and what the United States and other nations are doing to fight it. Letter grade with Pass/No Pass option. (Offered fall semester, alternate years.) 3 credits
<b>POSC 379 - Aliens, Wizards, and Politicians</b>	This course will explore core themes in the study of politics, economics, and international organizations through the lens of significant works of science fiction and fantasy. These include, but are not limited to, democracy and autocracy, religious freedoms, sovereignty, colonialism, interstate diplomacy and conflicts, political violence, weapons of mass destruction, and extinction-level events. The course will draw on films, television, and literary works and insights from Political Science, International Relations theory, and Political Sociology. The aim is to use science fiction and fantasy genres to understand central issues facing political institutions and the evolution of the international system. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>POSC 380 - Data Analysis and Visualization for Political Science</b>	Prerequisite, POSC 201 This course introduces upper-level students to quantitative social science and fundamental issues of data analysis for political scientists, including causality, prediction, and measurement of political phenomena. Focus will be given to computational methods including data exploration, handling social media and text sources and visualization of results. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>POSC 388 - Gender and Global Politics</b>	A study of global politics with a focus on international law and gender issues. Topics include women's rights, sexual violence in armed conflict, same-sex marriage, child pornography, and surrogacy across regions and countries, such as Africa, Asia, Europe, South America, and the United States. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>POSC 392 - Law and Policy of Water Resources Management (Same as ENV 392)</b>	3 credits
<b>POSC 399 - Individual Study and Research</b>	(Offered as needed.) 3 credits
<b>POSC 407 - Themes in Political Theory</b>	Prerequisite, junior or senior standing. Students in this special course will critically examine the political aspects of the conflict between law and religion, two rival authorities in a liberal society, with a special focus of attention on specific contemporary issues and the nature of tolerance in a pluralist society. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
<b>POSC 408 - Religious Fundamentalism, Pluralism, and the Demand for Tolerance</b>	An examination of the political aspects of the conflict between two rival authorities and epistemologies: a fundamentalist religious world view and Western Enlightenment reason. Topics include the religious underpinnings of violence, as well as the nature of tolerance in a pluralist society. (Offered as needed.) 3 credits
<b>POSC 410 - Seminar in American Politics</b>	Prerequisite, senior standing, or consent of instructor. An integrative seminar concentrating on American politics that serves as a capstone experience for Political Science majors. (Offered every year.) 3 credits
<b>POSC 420 - Seminar in International Relations</b>	Prerequisite, senior standing, or consent of instructor. An integrative seminar concentrating on international relations that serves as a capstone experience for Political Science majors. (Offered every year.) 3 credits
<b>POSC 429 - Experimental Course</b>	(Offered as needed.) 3 credits
<b>POSC 439 - Disability, Policy, and the Law (Same as PCST 439)</b>	An examination of state and federal laws governing the rights of people with disabilities. Topics include access, employment, education, and transportation, as well as identifying litigation that has and will come from the disability rights movement. (Offered fall semester, alternate years.) 3 credits
<b>POSC 473 - WA Semester: Economics and Public Policy Problems</b>	Corequisites, POSC 474 , POSC 475 , consent of the Political Science Department Chair. This course introduces students to the role of economics in the context of policy-making, as well as where policy-making involves more than economics, yet cannot be separated from economics. Examples will be drawn from current Administration policy initiatives, government economic policy, and ongoing legislative battles in Congress. (Offered every semester.) 3 credits
<b>POSC 474 - WA Semester: Theories of Constitutional Interpretation</b>	Corequisites, POSC 473 , POSC 475 , consent of the Political Science Department Chair. This course reflects on the provisions of the Constitution, the values on which it is based, and the contributions it has made to policy, governance, and democracy in the United States. The course will examine the Congress, executive branch, committees, parties, and interest groups as sources of policy. (Offered every semester.) 3 credits
<b>POSC 475 - WA Semester: Public Affairs Internship Seminar</b>	Corequisite, POSC 473 , POSC 474 , consent of Political Science Department Chair. The internship seminar offers a structured environment in which to reflect on internship experiences, and discuss assigned readings to explore the intersection of politics and policy. Observing Washington in action makes clear that politics in real life often differs from how it is portrayed in textbooks. (Offered every semester.) 9 credits
<b>POSC 490 - Independent Internship</b>	P/NP. ½-3 credits
<b>POSC 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>POSC 499 - Individual Study</b>	(Offered as needed.) ½-3 credits
<b>IPCP 100 - Introduction to Sociology</b>	Taught in Prague, Czech Republic. Students will be introduced to "sociological thinking", the way in which the situations, decisions, actions, identities, and life opportunities of individuals are shaped by broader societal processes. Students will be enabled to understand the world from a sociological point of view. Equated as SOC 101 (Offered every semester.) 3 credits
<b>IPCP 104 - Introduction to Politics II</b>	Taught in Prague, Czech Republic. Students will get an insight to the concept of the modern state; constitutions and governmental design; national decision-making institutions; bureaucracy and the public sector; law and the courts; voting behavior; elections; parties; political economy of the state; international framework of politics. (Offered every semester.) 3 credits
<b>IPCP 106 - Intro to International Relations</b>	Taught in Prague, Czech Republic. Students will be introduced to the historical settings of IR, globalization of IR and IR theory in general. Students will focus on key concepts such as liberalism/idealism, realism, neorealism, neoliberalism, international social theory, critical theories; systematic level concepts in IR; levels of analysis; actors in IR, institutions in IR. It will also offer an introduction to international political economy; international security in the post-cold war era; 20th century total wars; peace and diplomacy; the ethical problem of humanitarian intervention and the issues of the New World Order. Equated as POSC 120 (Offered every semester.) 3 credits
<b>IPCP 110 - Public Speaking</b>	Taught in Prague, Czech Republic. This course helps students develop communication skills and provides background knowledge into the communication process. Topics include listening, impromptu speeches; freeing the voice and body, listening, outlining; personal experience speech; organizational patterns, beginning and ending speeches; delivering another person's speech from an outline; informative speech; persuasive speaking, appeals, Maslow's hierarchy of needs; audience analysis, reasoning with evidence and argument, Monroe pattern for persuasion; effective communication in groups. Equated as COM 101 (Offered spring semester.) 3 credits
<b>IPCP 111 - Intro to Mass Communication</b>	Taught in Prague, Czech Republic. This course introduces the structures and practices of mass communication. Students will discuss the social, political, cultural, and economic factors that affect the production and reception of media messages. Topics will include the history of media technologies, the economics of media, making the news, alternative media, advertising in society, ideology, the public, activism and media, media effects, and the emerging global order. Equated as COM 101 (Offered every semester.) 3 credits
<b>IPCP 200 - Political Philosophy</b>	Taught in Prague, Czech Republic. Students will be introduced to major works of political philosophy such as Plato's Republic, Aristotle's Polis, Machiavelli, Hobbes, Locke and Rousseau. Students will discuss issues such as political legitimacy in the modern mode, Social Contrast theory, principles of liberalism, critique of the Enlightenment, Marx's critique of capitalism, Foucault's critique of power, two models of democracy: representative and participatory, social justice and liberty, democracy and justice: feminist revisions. (Offered fall semester.) 3 credits
<b>IPCP 201 - Introduction to Social Science Research Methods</b>	Taught in Prague, Czech Republic. Students will develop their skills in critically evaluating different research methodologies used in social sciences. Students will understand the fundamental concepts and procedures involved in conducting qualitative research and will analyze the advantages and disadvantages of such data collection techniques. Equated as SOC 201 (Offered every semester.) 3 credits
<b>IPCP 202 - Nations and Nationalism</b>	Taught in Prague, Czech Republic. Students will gain an insight into the national awakening, national policies of multi-ethnic states and national programs and their leaders. The course will center around three phenomena that had fateful consequences for the 20th century: the unsuccessful attempt to eliminate national tensions by creating new nation-states after WWI, and the encounters with both major totalitarian ideologies - Nazism and Communism. (Offered every semester.) 3 credits
<b>IPCP 203 - Political Geography</b>	Taught in Prague, Czech Republic. Students will develop an insight into the political geography of the world order, uneven development, the rise and fall of the superpowers, the multipolar world, the state and the world order, the nation-state, the state as spatial entity, people and the state, the global villagers, citizens and the city. (Offered every semester.) 3 credits
<b>IPCP 204 - World History I</b>	Taught in Prague, Czech Republic. Student will be introduced to the history of several regions such as: Ancient Mesopotamia, Near East, India, China, the Greeks, the Roman Republic, the Roman Empire. We will also discuss the rise of Christianity, the end of the Roman Empire, the Middle Ages in Europe, the rise and growth of Islam, Medieval Africa, S. E. Asia, China, and Japan in the Middle ages, Europe and the world by 1500. Equated as HIST 201 (Offered every semester.) 3 credits
<b>IPCP 206 - World History II</b>	Taught in Prague, Czech Republic. Students will be introduced to major world civilizations in the Early Modern Period such as the native "Americans," the Muslim empires, and China and Japan. Students will study several "revolutionary" European events of global importance, including English constitutional developments in the 17th century, the Enlightenment, the French Revolution, and the Industrial Revolution. Students will also gain insight into Late 19th century imperialism, the global significance of the two world wars, and the international dimensions of the Cold War. Equated as HIST 202 (Offered every semester.) 3 credits
<b>IPCP 207 - History of the Cold War and Post-Cold War Transition</b>	Taught in Prague, Czech Republic. Students will gain insight into several events and concepts of World War II such as the Allies and enemies in WWII; Teheran, Yalta and Potsdam, the atomic bomb; the Truman doctrine, the Marshall Plan and the crisis of 1948. This course will also discuss the Cold War in the Far East: China and the Korean war, 1950; the Soviet Union of Nikita Khrushchev; USSR vs. USA in the Middle East; from Berlin to Cuba; Vietnam to the Helsinki accords; Reagan vs. Gorbachev; and the revolutions of Eastern Europe. (Offered every semester.) 3 credits
<b>IPCP 301 - Social Psychology</b>	Taught in Prague, Czech Republic. Students will get an insight into the dynamics between the individual and the society. Students will realize how an individual is influenced by the environment, and in return how he/she can influence the environment. Students are able to analyze social identity and social development of an individual, and recognize behavior such as prejudices, stereotypes, aggression and altruism. Equated as PSY 336 (Offered spring semester.) 3 credits
<b>IPCP 303 - Global Security</b>	Taught in Prague, Czech Republic. Students will learn about threats to the national security; the terms and conditions of implementing and controlling military power; the probability of use of military power; its impact on the individual and on a state, society and the foreign policy of preparing for war, preventing a war or engaging in war; the role of the policy making, arms control, diplomacy and national security policy and strategies. (Offered every semester.) 3 credits
<b>IPCP 303 - Popular Culture and Media Theory</b>	Taught in Prague, Czech Republic. Students will be introduced to several thinkers - philosophers, psychologists, sociologists, anthropologists, and others - who have dealt with the media and popular culture in their works. Students will understand what is culture and media, how they make meaning, and the best ways to interpret their messages. Equated as SOC 311 (Offered every semester.) 3 credits
<b>IPCP 310 - European History II</b>	Taught in Prague, Czech Republic. Students are introduced to politics, economics and the church in Western and Central Europe, in the Early Modern period. Students will discuss key concepts and periods such as the Renaissance, humanism, the Reformation (Lutheranism/Calvinism), the Counter-Reformation, ritual, magic and the Sacred in the Early Modern Period, territorial confessionalism, Religious wars, tolerance and Intolerance, Enlightenment and Absolutism, French Revolution, Industrial Revolution, nationalism and imperialism, the First World War, Europe after the War, World War II in Europe, the Soviet experiment, post World War II. Equated as HIST 338 (Offered spring semester.) 3 credits
<b>PSY 101 - Introduction to Psychology</b>	PSY 101 is prerequisite to all other courses in psychology. Introduction to the theories, principles, processes, problems, methods, and applications of psychology. In addition to attendance at lectures, students are required to serve as participants in course-relevant research or to complete a project of similar length and content. (Offered every semester.) 3 credits
<b>PSY 199 - Individual Study</b>	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-6 credits
<b>PSY 201 - Critical Thinking</b>	Prerequisites, PSY 101 , psychology major or consent of department chair. Students explore methods of empirical and theoretical evaluation of psychological facts, assertions, research studies, and theories. The course focuses on the development of a critical thinking paradigm, which will reduce the probability of common errors of thinking. (Offered every semester.) 3 credits
<b>PSY 202 - History and Systems of Psychology</b>	Prerequisites, PSY 101 , psychology major or consent of department chair. Discussion and evaluation of psychology's historical roots and the influences and people that have contributed to its present form. (Offered every semester.) 3 credits
<b>PSY 203 - Statistics for Behavioral Sciences</b>	Prerequisites, MATH 100 , MATH 100L , PSY 101 , or equivalents. The course covers descriptive and inferential statistics, the rationale of hypothesis testing, a survey of the common parametric and nonparametric statistical tests, and the calculation and interpretation of statistical indices and applications. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
<b>PSY 204 - Research Methods in the Behavioral Science, Lecture and Laboratory</b>	Prerequisites, PSY 101 and PSY 203 or MATH 203 or MATH 303 or equivalent. An introduction to the principles and procedures involved in behavioral sciences research emphasizing the scientific method and its application to psychological inquiry. This course includes a lecture and required laboratory component held at different times. Letter grade with Pass/No Pass option. (Offered every semester.) 4 credits
<b>PSY 290 - Intern Program</b>	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) 1-6 credits
<b>PSY 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>PSY 299 - Individual Study</b>	Prerequisites, PSY 101 , freshman or sophomore standing only, and consent of instructor, academic advisor, and chair, 3.0 or higher grade point average. Supervised individual study or research on a special problem or in a selected area of psychology. Open to lower-division students majoring in psychology. (Offered every semester.) 1-6 credits
<b>PSY 304 - Advanced Research Design</b>	Prerequisites, PSY 101 , PSY 204 and PSY 203 or MATH 203 or MUS 303 or equivalent. This course will provide a comprehensive and systematic examination of advanced research methods and statistical procedures applied to the empirical evaluation of human behavior. Students will evaluate quantitative vs qualitative designs, within-participant vs between-participant designs, and single-variable vs factorial designs, as well as non-experimental designs, such as surveys. The course goal is to support the development of a precise and complete research proposal commensurate with professional standards and suitable to support a Capstone Senior Thesis. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>PSY 310 - Psychology of Learning</b>	Prerequisite, PSY 101 An examination of the theoretical and methodological foundations of human learning. Emphasis is placed on an evaluation of the major learning paradigms and on the application of learning principles. (Offered every semester.) 3 credits
<b>PSY 315 - Sensation and Perception</b>	Prerequisite, PSY 101 An introduction to the sensory nervous system and the perceptual basis of human experience. General topics include psychophysics and the physiology of the sensory systems. Emphasis is placed on understanding the interaction between the anatomy of the sensory system and the transduction of sensory stimuli into meaningful perceptual experiences. (Offered fall semester.) 3 credits
<b>PSY 317 - Cognitive Psychology</b>	Prerequisite, PSY 101 Examines the neural basis for cognition beginning with attention and spans the breadth of cognitive processes to include memory, learning, language, reasoning, and problem solving. Students learn how our minds absorb, store, and manipulate information from the world to solve problems, make decisions, comprehend language, produce art, and laugh at jokes. Students are encouraged to think critically and develop questions about their own cognitive processes. (Offered every semester.) 3 credits
<b>PSY 319 - Motivation and Emotion</b>	Prerequisite, PSY 101 An introduction to the theoretical, physiological, and behavioral constructs underlying the processes of motivation and emotion. Emphasis is placed on methods for studying motivation and emotion and their role in human behavior. (Offered fall semester.) 3 credits
<b>PSY 322 - Theories of Personality</b>	Prerequisite, PSY 101 An evaluative review of the major theories of personality. Emphasis is placed on personality structure, dynamics, behavior, and development of the normal and abnormal personality. Theories include psychodynamic, cognitive, somatic, behavioral, social learning, and humanistic explanations for human behavior and their differential implications for psychology. (Offered every semester.) 3 credits
<b>PSY 323 - Child Development</b>	Prerequisite, PSY 101 This course covers the physical, cognitive, social, and emotional domains of development from conception through adolescence. Lectures introduce major theories and research strategies in child development and integrates applied aspects such as parenting and teaching children. (Offered every semester.) 3 credits
<b>PSY 327 - Life Span Development</b>	Prerequisite, PSY 101 The purpose of this course is to introduce students to the major theories, concepts, and research methods in life-span developmental psychology. Students will learn to understand cognitive, emotional, and social development and changes across the entire life span from infancy to late adulthood. This course examines the biological and environmental foundations of development including cross-cultural issues and highlights empirical research to integrate theoretical and applied perspectives. (Offered spring semester.) 3 credits
<b>PSY 328 - Abnormal Psychology</b>	Prerequisite, PSY 101 An overview of the field of abnormal psychology, which is the application of methods, principles, and findings from psychological research to understand, classify, and treat "abnormal" behavior and psychologically-based human suffering. Topics of lectures, discussions, and video presentations provide an integrative overview of current approaches to classification, assessment, and treatment of psychological disorders and mental illness. (Offered every semester.) 3 credits
<b>PSY 329 - Experimental Course</b>	May be repeated for credit. (Offered as needed.) 3 credits
<b>PSY 330 - Child Abnormal Psychology</b>	Prerequisites, PSY 101 and PSY 323 , or 326, or PSY 327 , or equivalents. PSY 323 , or 326, or PSY 327 may be taken concurrently. This course will review the etiology, assessment, diagnosis, and treatment of psychological and development disorders in children and adolescents. This course is likely to be beneficial for all students who are interested in interacting with children and adolescents. For students considering careers involving children and youth with emotional and behavioral problems. (Offered fall semester.) 3 credits
<b>PSY 333 - Physiological Psychology</b>	Prerequisite, PSY 101 An investigation of the relationship between brain and behavior. Students will study the structure and function of the nervous system, including the biological bases of psychopathology and normal function. (Offered every semester.) 3 credits

<b>PSY 336 - Social Psychology</b>	Prerequisite, PSY 101 An introduction to the scientific study of how groups and individuals interact. Cognition, feelings, impressions, and attitudes influence and are influenced by the presence of others according to the precepts of Social Psychology. Topics include manipulation and influence tactics, persuasion, attraction, aggression, altruism, self-concept, stereotypes, and cognition and behavioral congruence. (Offered every semester.) 3 credits
<b>PSY 340 - Human Sexuality</b>	An introduction to the physiological, psychological, and sociocultural factors influencing healthy human sexual expression. Emphasis is placed on gender identity, sex roles, variations in sexual behavior, love and attraction, and basic treatments for sexual dysfunction. (Offered fall semester.) 3 credits
<b>PSY 341 - Cross-Cultural Psychology</b>	Prerequisite, PSY 101 An introduction to the major issues and terminology used in cross-cultural psychology, which uses models and research methods from psychology, anthropology, and sociology. The course emphasizes a comparative approach. (Offered spring semester.) 3 credits
<b>PSY 344 - Psychology of Gender Identity and Sexual Orientation</b>	A systematic study of the empirical and practical issues in the psychology of gender identity and sexual orientation. The course examines the current state of psychological knowledge and the experiences of LGBTQ individuals in American society, considering topics such as origins of sexual and gender identities, media representation, prejudice and discrimination, relationships, mental and physical health, workplace issues, and ally development. (Offered as needed.) 3 credits
<b>PSY 345 - Sports Psychology</b>	Prerequisite, PSY 101 An examination of the principles of psychology as they apply to an understanding of sports-related issues. Topics of interest to the sports world will be discussed relative to theoretical constructs of psychology. The class is not designed to include any physical activity. It is designed for students interested in coaching at any level, athletes, and those interested in a more comprehensive analysis of issues underlying sport. (Offered spring semester.) 3 credits
<b>PSY 355 - Diversity in Marital and Family Relationships</b>	Prerequisite, PSY 101 This course will provide students with an overview of marriage and family relationships from a multicultural perspective. Basic theories and concepts in family life will be explored through a global lens including family development, gender and family relations, partner selection, marriage, parenting practices, divorce, remarriage, and issues in later life. (Offered as needed.) 3 credits
<b>PSY 365 - Philosophy and Neuroscience of Free Will (Same as PHIL 365)</b>	3 credits
<b>PSY 395 - Topic Courses in Psychological Process</b>	Prerequisites, PSY 101 , consent of advisor: An examination of selected topics in the area of psychological processes and the foundations of psychological understandings of human behavior. Course may be repeated for credit with consent of instructor. (Offered as needed.) 3 credits
<b>PSY 399 - Individual Study</b>	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-6 credits
<b>PSY 428 - Introduction to Clinical Psychology</b>	Prerequisites, PSY 101 and PSY 328 or PSY 330 Overview of the profession and practice of clinical psychology. The course surveys the field's history, clinical training, assessment procedures, therapeutic interventions, research approaches, ethical and legal issues, areas of specialization (i.e. forensic, behavioral medicine and child), and current issues and trends. (Offered as needed.) 3 credits
<b>PSY 432 - Introduction to Psychological Assessment</b>	Prerequisites, PSY 101 and PSY 203 or MATH 203 or MATH 303 or equivalent. Concurrent enrollment of PSY 203 with consent of instructor. An introduction to test construction, standardization, validity, and reliability. Emphasis is placed on the assessment of intelligence, interests, values, and personality in normal and challenged persons. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>PSY 433 - Psychopharmacology</b>	Prerequisite, PSY 101 An in-depth examination of the behavioral and central nervous system effects of pharmacologic substance use and abuse and the application of such substances to the prevention and treatment of psychophysiological and psychopathological dysfunction. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>PSY 436 - Health Psychology</b>	Prerequisite, PSY 101 A study of illness behavior and theories and applications of health psychology and behavioral medicine. The course explores models of wellness and illness, the mind-body relation, coping with acute and chronic stress, health-related anxiety, smoking cessation, weight control and dieting behavior, and psychosocial interventions for chronic diseases, as well as alternative medicine and managed health care provision models. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
<b>PSY 437 - Health and Well-Being</b>	Prerequisite, PSY 101 A scientific and practical exploration of human strengths by examining the contributions of the science of psychology to physical health and well-being. The course examines the psychological and physical aspects that contribute to self-efficacy, resilience, personal achievement, mindfulness, and spirituality. By drawing on scientific studies and concepts and techniques of Western and Eastern medicine and psychology, the course explores behaviors that enhance both physical and mental health. (Offered fall semester, alternate years.) 3 credits
<b>PSY 446 - Children and Trauma</b>	Prerequisites, PSY 101 and PSY 323 , or 326, or equivalents. This course reviews the etiology, assessment, diagnosis, and treatment of psychological trauma in children and adolescents. This course explores the influence of multiple factors of trauma that may lead to the emergence of childhood psychiatric disorders. This course provides a critical foundation for future training and education of students considering careers involving children with emotional and behavioral problems. (Offered as needed.) 3 credits
<b>PSY 461 - Psychology of Music (Same as MUS 461)</b>	3 credits
<b>PSY 481 - Organizational Psychology</b>	Prerequisite, PSY 101 An introduction to the scientific study of how psychological principles, concepts, and research apply to the understanding of work and work behavior. The course incorporates information from business, sociology, psychology, and economics. Topics include psychological testing, personnel selection, work violence, advertising, conflict resolution, hiring, interviewing, team building, and leadership. Particular emphasis is placed on understanding one's strengths and weaknesses as they apply to different components of work. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>PSY 482 - Forensic Psychology</b>	Prerequisite, PSY 101 An examination of the interaction of the legal field and psychology, with emphasis on criminality, profiling, juries, prisons, sentencing, and police officer selection and training. Current research in forensic psychology will also be addressed. (Offered fall semester.) 3 credits
<b>PSY 484 - The Psychology of Bias and Hate Crimes</b>	Prerequisite, PSY 101 This course will examine psychological theories and concepts that are relevant to understanding bias and hate, and the role of bias and hate in intergroup interactions, intergroup communication, and interpersonal violence. Hate incidents and acts of hate crimes from the perspectives of the victim, the perpetrator and the community will also be examined. Social and clinical psychological theories will be used to guide in-class discussions, course readings, activities, and assignments. Examples from current and historical US and international events will be used to help illustrate concepts and encourage discussion. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>PSY 490 - Independent Internship</b>	Prerequisites, PSY 101 , consent of faculty internship advisor, site internship advisor. Supervised independent experience in an approved setting where psychological services are provided and research is conducted. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>PSY 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>PSY 492 - Psychology Internship</b>	Prerequisites, PSY 101 , consent of academic advisor, internship supervisor, chair. Supervised experience in an approved setting where psychological services are provided. Additional meetings, assigned readings and written evaluations of related readings and the field experience are required. May be repeated for credit. (Offered every semester.) ½-3 credits
<b>PSY 495 - Topics in Applied Psychology</b>	Prerequisite, PSY 101 An examination of selected topics of areas of application of psychological principles and processes. May be repeated for credit. (Offered as needed.) 3 credits
<b>PSY 496 - Senior Project: Individual Research</b>	Prerequisites, senior standing, psychology major, consent of instructor supervising student's research, PSY 101 , PSY 204 , PSY 304 or equivalents and PSY 203 or MATH 303 Satisfaction of the major's senior project requirement through the development and completion of an independent, innovative investigation in psychological science. The student will design, conduct, analyze, and formally report their study under the supervision of a faculty member. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered every semester.) 3 credits
<b>PSY 497a - Senior Thesis</b>	Prerequisites, senior standing, psychology major, departmental approval, PSY 101 , PSY 204 and PSY 203 or MATH 203 or MATH 303 or equivalent. Satisfaction of the major's senior project requirement through the development and quantitative testing of a psychological hypothesis culminating in a thesis. Students will use advanced literature search strategies, evaluate the quality of the literature, analyze data presented in the literature with the use of statistical software, and construct annotated summaries of the literature. In addition to completing directed assignments, students will provide a professional-level presentation of their topic and findings. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>PSY 497b - Senior Thesis</b>	Prerequisites, senior standing, psychology major, departmental approval, PSY 101 , PSY 204 and PSY 203 or MATH 203 or MATH 303 or equivalent. Satisfaction of the major's senior project requirement through the development and quantitative testing of a psychological hypothesis culminating in a thesis. Students will use advanced literature search strategies, evaluate the quality of the literature, analyze data presented in the literature with the use of statistical software, and construct annotated summaries of the literature. In addition to completing directed assignments, students will provide a professional-level presentation of their topic and findings. Letter grade with Pass/No Pass option. (Offered as needed.) 3 credits
<b>PSY 498 - Senior Seminar in Psychological Topics</b>	Prerequisites, senior standing, psychology major, consent of instructor, PSY 101 , PSY 204 and PSY 203 or MATH 203 or MATH 303 or equivalent. Satisfaction of the major's senior project requirement through the comprehensive in-depth review of a psychological topic by locating, analyzing, and interpreting the most important literature related to that topic. In addition to completing directed assignments, students will provide a professional-level presentation of their topic and findings. Letter grade with Pass/No Pass option. May be repeated for credit. (Offered every semester.) 3 credits
<b>PSY 499 - Individual Study</b>	Prerequisites, PSY 101 , consent of instructor, academic advisor, chair, psychology major with 3.00 or higher GPA. Supervised individual study or research on a special problem or in a selected area of psychology. (Offered every semester.) 1-3 credits
<b>PRA 219 - Principles of Entertainment Marketing</b>	Prerequisite, public relations and advertising or public relations, advertising and entertainment marketing major or advertising minor. Some sections may be open to non-majors. An introductory overview of the entertainment marketplace, focusing on the capabilities of the major studios. The course studies the application of film marketing advertising principles including creative advertising, publicity, distribution, research, digital marketing, and media initiatives-and how they interact in the management of entertainment campaigns. Letter grade. (Offered every semester.) 3 credits
<b>PRA 229 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. May be repeated for credit if course content is different. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Fee: TBD. (Offered as needed.) ½-3 credits
<b>PRA 230 - Principles of Advertising</b>	Prerequisite, public relations and advertising or public relations, advertising and entertainment marketing major or advertising minor. Some sections may be open to non-majors. A study of the foundation elements of advertising-media, creative, research-and how they interact with basic marketing and communication principles in the development and management of advertising campaigns. Letter grade. (Offered every semester.) 3 credits
<b>PRA 231 - Principles of Public Relations</b>	Prerequisite, public relations and advertising or public relations, advertising and entertainment marketing major or public relations minor. Some sections may be open to non-majors. Examination of the social, psychological, economic, and political foundations of public relations; and the integration of the behavioral sciences, management, and communication theories into a profession. Letter grade. (Offered every semester.) 3 credits
<b>PRA 245 - Research and Strategic Planning for Advertising and Public Relations</b>	Prerequisites, PRA 230 , PRA 231 , public relations and advertising or public relations, advertising and entertainment marketing major. This course is designed to give students experience in planning and conducting several critical types of professional research for use in the strategic development of advertising and public relations programs. This includes all aspects of survey research, from consumer insight interview vehicles, such as focus groups and "man on the street" interviews to ethnographic research and pre-post tracking studies. Students learn to use key Advertising/Public Relations industry strategic tools: Target Audience/Persona Development; Creative Briefs; Brand Positioning Statements, and Brand Character Statements. Some sections of this course may be reserved for National Student Advertising Competition team members only. Letter grade. (Offered as needed.) 3 credits
<b>PRA 271 - Storytelling for Business</b>	Prerequisite, public relations and advertising or public relations, advertising and entertainment marketing major. In our media-saturated society, storytelling is an increasingly important tool to capture attention and inspire audiences. This course explores the principles of successful storytelling as applied to the business objectives of public relations and advertising. Letter grade. (Offered as needed.) 3 credits
<b>PRA 272 - Student Public Relations Firm</b>	Prerequisites, PRA 231 , consent of instructor. An introduction to the experience of working with a public relations firm by developing campaign strategies and communication materials for various clients. In this course, students will prepare PR campaigns for clients or compete in public relations competitions, such as the annual national PRSSA Bateman Case Study Competition. May be repeated for credit. Fee: \$75. (Offered as needed.) 1-3 credits
<b>PRA 273 - Student Advertising Agency I</b>	Prerequisites, consent of instructor. PRA 230 or PRA 231 recommended. This class provides an introduction to the culture and operations of an advertising agency. Students begin this first semester course, with the foundational process of a campaign's development. Utilizing strategy and research techniques for a real client, typically as part of the National Student Advertising Competition sponsored by the American Advertising Federation, a platform is created which sets the stage for creative development. Letter grade. May be repeated for credit. Fee: \$75. (Offered fall semester.) 3 credits
<b>PRA 274 - Student Advertising Agency II</b>	Prerequisites, PRA 273 or PRA 473 and consent of instructor. PRA 230 or PRA 231 recommended. This class provides an in depth look at the culture and operations of an advertising agency. Building on the strategy and research completed in PRA 273 / PRA 473 Student Advertising Agency I, student delve into the creative development and element aspects of a full scope advertising campaign for a real client, typically as part of the National Student Advertising Competition sponsored by the American Advertising Federation. Letter grade. This course may be repeated for credit. (Offered every semester.) 3 credits
<b>PRA 290 - Independent Internship</b>	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for an agency, a studio, media or production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
<b>PRA 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>PRA 299 - Individual Study</b>	Prerequisites, freshman or sophomore standing only and consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of PRA 299, PRA 399 , or PRA 499 May be repeated for credit. (Offered as needed.) 1-3 credits
<b>PRA 305 - Design Strategy</b>	Prerequisite, public relations and advertising or public relations, advertising and entertainment marketing major or advertising minor. Some sections may be open to non-majors. An introduction to design strategy--how the principles of visual design can be employed strategically to support branding, marketing and public relations messaging, using the latest Adobe InDesign software to design a variety of materials for print and the Internet. Letter grade. Fee: \$75. (Offered every semester.) 3 credits
<b>PRA 316 - Events Planning</b>	An in-depth study of special event planning processes and techniques and how special events fit into the overall strategies and integrated marketing plans for organizations. Emphasis is on creating, organizing, identifying sponsors, marketing and implementing large scale community, corporate and non-profit events. Classes may work on producing the annual Dodge College Cecil Awards. Some sections may require instructor approval. Letter grade. May be repeated for credit. (Offered as needed.) 3 credits
<b>PRA 329 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Fee: TBD. (Offered as needed.) 1-3 credits
<b>PRA 343 - Media Relations</b>	Prerequisites, PRA 231 , PRA 371 , and public relations and advertising or public relations, advertising and entertainment marketing major or public relations minor. Working effectively with the news media is a cornerstone of public relations. This class will enable students to critically examine how to develop newsworthy story ideas and media tools appropriate for print, broadcast, and social media. Key elements include practice "pitch" or media contact sessions. Students will also learn how to manage media scrutiny in a crisis. Some sections may be restricted to public relations and advertising majors only. Letter grade. (Offered every semester.) 3 credits
<b>PRA 344 - Media Planning and Buying</b>	Prerequisites, PRA 230 and public relations and advertising or public relations, advertising and entertainment marketing major. An intensive experience in the development of a media plan, building on research in consumer demographics and an understanding of the interaction of various media channels in effectively reaching today's fragmented audiences. An examination of the media world and the strategies and methodologies practiced by global advertising agencies, including media planning and buying for television, radio, magazine, newspaper, outdoor, and interactive media. Letter grade. (Offered fall semester.) 3 credits
<b>PRA 345 - Social Media Marketing</b>	Prerequisites, PRA 230 , PRA 231 , public relations and advertising or public relations, advertising and entertainment marketing major. Marketers use social media to increase brand awareness, identify key audiences, generate leads, and build meaningful relationships with customers. Social media allows businesses to gain a competitive advantage through the creation and distribution of valuable, relevant, and consistent content to attract and retain clearly defined audiences. Students entering the workforce must be equipped with not only general theories and knowledge when it comes to social media marketing, but also must know how to utilize new and constantly evolving social media marketing strategies for businesses. Letter grade. (Offered as needed.) 3 credits
<b>PRA 351 - Business Presentations</b>	Prerequisite, creative producing or public relations and advertising or public relations, advertising and entertainment marketing or writing for film and television major. Some sections may be open to non-majors. Presentation skills are vital to success in public relations, advertising and related fields. In this class, students will learn proven, effective techniques to becoming a dynamic presenter and receive personalized coaching each week. A practical, hands-on approach to organizing, creating and delivering memorable oral and visual presentations. Letter grade, Fee: \$75. (Offered as needed.) 3 credits
<b>PRA 354 - Sports Public Relations</b>	Prerequisites, PRA 231 , public relations and advertising or public relations, advertising and entertainment marketing major. This course is designed to help students develop an understanding of the role of public relations in professional and college sports, including how to properly communicate with and handle the sports media. Heavy emphasis will be placed on writing for sports and using its unique terminology. Letter grade. (Offered fall semester.) 3 credits
<b>PRA 370 - Digital Marketing</b>	Prerequisites, PRA 230 or PRA 231 and creative producing or public relations and advertising or public relations, advertising and entertainment marketing major. An overview of the ways in which online communications tools have transformed the practice of public relations and advertising from using primarily mass media channels to a focus on a market sample of one. Hands on use of social media tools. Study and practice of interactive strategies in managing relationships with key target audiences in support of organizational goals and objectives. Letter grade. Fee: \$75. (Offered every semester.) 3 credits
<b>PRA 371 - Writing for Public Relations</b>	Prerequisites, public relations and advertising or public relations, advertising and entertainment marketing major or public relations minor. A comprehensive introduction to the various forms of public relations writing such as news and feature releases. Beginning with basic writing and organizational principles, the course introduces the student to persuasive writing designed to meet specific communication objectives. Letter grade. (Offered every semester.) 3 credits
<b>PRA 373 - Copy Writing</b>	Prerequisites, PRA 230 , public relations and advertising or public relations, advertising and entertainment marketing major. A comprehensive introduction to the art and craft of copy writing, with emphases given to creative strategy, advertising's ethical dimension, and various formats for print and electronic media. Copy writing assignments offer students hands-on experience, building skills to prepare them for the creative challenges of the advertising or related marketing communications industries in the information age. Letter grade. (Offered spring semester.) 3 credits
<b>PRA 395 - Entertainment Public Relations</b>	Prerequisites, PRA 231 , PRA 371 and public relations and advertising or public relations, advertising and entertainment marketing major. This course will provide an overview of PR tactics used in the entertainment industry. The course will focus on PR initiatives used to publicize television programming, cable/satellite providers, independent feature films, foreign films, Oscar campaigns and other entertainment entities and productions. Letter grade. (Offered as needed.) 3 credits
<b>PRA 399 - Individual Study</b>	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of PRA 299 , 399, or PRA 499 May be repeated for credit. (Offered as needed.) 1-3 credits
<b>PRA 419 - Entertainment Marketing Campaigns</b>	Prerequisites, MKTG 304 or MKTG 305 and PRA 231 , PRA 305 and public relations and advertising or public relations, advertising and entertainment marketing major and graduating seniors only. This is the capstone course for students studying entertainment marketing. Thesis-level project pairs entertainment marketing seniors with Dodge student filmmakers in the development of a comprehensive marketing plan for a student film. The digital plan will include strategic marketing objectives, production of a video trailer, poster design, PR initiatives, film festival strategies, social media promotion, content distribution, research, and production fund-raising options. Some video editing and digital design experience is recommended. Letter grade. (Offered every semester.) 3 credits
<b>PRA 420 - Producing Commercials</b>	Prerequisites, FTV 130A or FTV 130E and animation and visual effects or film production or public relations and advertising or public relations, advertising and entertainment marketing or television writing and production major or advertising minor. Advertising theory, audience research, and strategic message development come together in producing commercials. The course explores the effective use of visual storytelling in the production of television commercials. Editing experience suggested. Letter grade. Fee: \$300. (Offered every semester.) 3 credits
<b>PRA 429 - Experimental Course</b>	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. May be repeated for credit if course content is different. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Fee: TBD. (Offered as needed.) ½-3 credits



PRA 461 - Case Studies in Advertising	Prerequisites, MKTG 304 or MKTG 305 and PRA 230 and public relations and advertising or public relations, advertising and entertainment marketing major or advertising minor. An intensive study of the applications of advertising theory and principles to specific advertising cases in business and non-profit organizations. Research, discussion, and written situation analysis to determine if case studies were successful. Particular attention given to target market analysis, message strategies, and media objectives. Letter grade. (Offered every semester.) 3 credits
PRA 469 - Case Studies in Motion Picture Advertising	Prerequisites, FTV 130 , PRA 219 , PRA 231 and MKTG 304 or MKTG 305 and public relations and advertising or public relations, advertising and entertainment marketing major or advertising or public relations minor. The course explores the field of creative advertising for creative content including television and motion pictures. From creating a marketing strategy to the production of trailers, TV commercials and posters, the course is project-based and uses a case-study methodology that analyzes studio decisions in the creation of promotional advertising materials. Video editing and digital design experience is recommended. Letter grade. (Offered as needed.) 3 credits
PRA 470 - Public Relations Case Studies	Prerequisites, PRA 231 , and public relations and advertising or public relations, advertising and entertainment marketing major or public relations minor. An intensive study of the application of public relations theory and principles to the problems of business, non-profit, and special interest organizations. In this course, students will learn to evaluate cases related to crisis public relations, community relations, international public relations and other disciplines. Letter grade. (Offered every semester.) 3 credits
PRA 471 - Advanced Public Relations Writing	Prerequisites, PRA 371 , public relations and advertising or public relations, advertising and entertainment marketing major. Building on the skills and forms studied in PRA 371 , the student creates a complete press kit and develops the skills necessary for such public relations tasks as writing public relations, editorial advertising, and broadcast copy. Letter grade. (Offered spring semester.) 3 credits
PRA 472 - Student Public Relations Firm	Prerequisites, PRA 231 , PRA 371 , consent of instructor. An introduction to the experience of working with a public relations firm by developing campaign strategies and communication materials for various clients. In this course, students will prepare PR campaigns for clients or compete in public relations competitions, such as the annual national PRSSA Bateman Case Study Competition. May be repeated for credit. Fee: \$75. (Offered as needed.) 1-3 credits
PRA 473 - Student Advertising Agency I	Prerequisite, consent of instructor. PRA 230 or PRA 231 recommended. This class provides an introduction to the culture and operations of an advertising agency. Students begin this fall semester course, with the foundational process of a campaign's development. Utilizing strategy and research techniques for a real client, typically as part of the National Student Advertising Competition sponsored by the American Advertising Federation, a platform is created which sets the stage for creative development. Letter grade. May be repeated for credit. Fee: \$75. (Offered fall semester.) 3 credits
PRA 474 - Student Advertising Agency II	Prerequisites, PRA 273 or PRA 473 and consent of instructor. PRA 230 or PRA 231 recommended. This class provides an in depth look at the culture and operations of an advertising agency. Building on the strategy and research completed in PRA 273 / PRA 473 Student Advertising Agency I, students delve into the creative development and element aspects of a full scope advertising campaign for a real client, typically as part of the National Student Advertising Competition sponsored by the American Advertising Federation. Letter grade. This course may be repeated for credit. (Offered every semester.) 3 credits
PRA 490 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for an agency, a studio, media or production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. (Offered every semester.) ½-6 credits
PRA 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
PRA 497 - Advertising Campaigns	Prerequisites, MKTG 304 or MKTG 305 and PRA 230 public relations and advertising or public relations, advertising and entertainment marketing major. This is the capstone course for students studying advertising. Study and practice in planning, implementing, and evaluating effective advertising campaigns. An examination of advertising strategy as it fits into the overall marketing plan, development and testing of creative concepts, and the design of advertising campaigns using multiple media channels. Letter grade. (Offered spring semester.) 3 credits
PRA 498 - Public Relations Campaigns	Prerequisites, PRA 231 , PRA 371 and public relations and advertising or public relations, advertising and entertainment marketing major. This is the capstone course for students studying public relations. Study and practice in planning, implementing, and evaluating effective programs of communication. Emphasis will be on using a wide variety of communication techniques in support of organizational goals and objectives. Letter grade. (Offered fall semester.) 3 credits
PRA 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered as needed.) ½-3 credits
REAL 370 - Principles of Real Estate	Prerequisite, ECON 200 This course covers the fundamentals of real estate. Topics include property types, market analysis, real estate management and development, brokerage and appraisal, legal and regulatory issues, and investment analysis. (Offered every semester.) 3 credits
REAL 371 - Real Estate Practice	Prerequisites, ECON 200 , REAL 370 , or consent of instructor. This is an introductory real estate course at the undergraduate level. It studies the most important real estate documents used in a typical transaction including the agent/broker employment contract, the listing agreement and the purchase and sales agreement including its various addendums. This course along with REAL 370 applies toward the mandatory educational requirement for obtaining the California State Real Estate Salesperson or Broker License. (Offered interterm.) 3 credits
REAL 417 - Real Estate Finance	Prerequisite, FIN 317 An examination of debt and equity financing for residential and commercial real estate properties. The course provides a foundation in real property valuation and underwriting and the debt and equity financing alternatives available in the capital markets. Other topics include real estate cash flow analysis, secondary mortgage markets, securitization, and REITs. Letter grade. (Offered fall semester.) 3 credits
REAL 427 - Real Estate Law	Prerequisite, REAL 370 An examination of the legal issues involved in real estate acquisition, disposal, investment, and development. Topics include the nature and scope of real property, legal aspects of real estate transactions, land use and regulation, and ethical issues in real estate. Letter grade. (Offered spring semester.) 3 credits
REAL 436 - Real Estate Development	Prerequisite, REAL 370 This course is designed to provide an overview of the real estate development process with an emphasis on the economic, environmental, institutional, regulatory, and social contexts. Topics discussed include market analysis, site acquisition, due diligence, zoning, entitlements, approvals, site planning, building design, construction, financing, leasing, and ongoing management and disposition. Value creation and risk identification and management will be important elements of the course. (Offered as needed.) 3 credits
REAL 496 - Special Topics in Real Estate	Prerequisite, REAL 370 In-depth study of a specific area, content of course changes every semester. May be repeated once. (Offered as needed.) 3 credits
REAL 499 - Individual Study	Prerequisite, consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. Maximum of 6 credits. May be repeated for credit. (Offered every semester.) 3-6 credits
REL 115 - Living Religions of the World	A survey of religious traditions of the world including Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Judaism, Christianity, and Islam: basic beliefs and practices and their relevance to human problems today. (Offered every semester.) 3 credits
REL 120 - Global Ethics and Religion (Same as PHIL 120)	An introduction to ethical issues from the perspective of the world religions: What is the relationship between religion and ethics? Why do people suffer? How do the religions differ on ethics? Are there universal religious ethical values? (Offered every year.) 3 credits
REL 125 - Philosophy of Religion (Same as PHIL 125)	3 credits
REL 130 - The Study of Religion	The focus of the course is not on the study of any particular mode of religious expression, but on the shape and development of the discipline of comparative religion as a field of inquiry. The major issues covered in this course concentrate on the nature of religion and the methods used to study religious phenomena. Some of the methodologies introduced are cultural, historical, sociological, psychological, artistic, phenomenological, theological and feminist theories. Readings include primary texts from the major theorists on the nature of religion, manifestations of the sacred or holy, religious symbolism, myths, ritual, religious language, sacred texts, religious communities, concepts of fate, afterlife, destiny and gender relations in religion and society. Through case studies in several world religions students analyze the religion's history of interpretations and how these interpretations have impacted societal, cultural, and theological ideologies in a global context. (Offered every year.) 3 credits
REL 150 - The Bible and Popular Culture: Engaging the Sacred Text	Employing interdisciplinary methods such as cultural, narrative, and socio-historical criticism and feminist theory, this course examines how biblical themes and motifs are expressed through the lens of popular culture including film, artwork, novels, music, TV, the internet, and advertisements, to understand the Bible's impact on contemporary society. (Offered as needed.) 3 credits
REL 199 - Individual Study	(Offered as needed.) 3 credits
REL 200 - Introduction to the Hebrew Scriptures	Development of the Hebrew scriptures in their various genres within the context of evolving ideas, values, and social concerns from Hebrew beginnings through the prophets to post-exilic times. (Offered every year.) 3 credits
REL 201 - Introduction to the New Testament	Students examine the Jesus of the gospels, gospel tradition, rise of the Christian community, life and letters of Paul, and later books of the New Testament. (Offered every year.) 3 credits
REL 202 - Introduction to Islam	An introduction to the faith and practices of Islam. The course will include an overview of the life of Prophet Muhammad, the Qur'an, Hadith, Islamic beliefs, acts of worship, moral and ethical codes, history, and culture. (Offered every fall.) 3 credits
REL 204 - Deities, Demons, and Monsters: Mesopotamian Myth and Ritual	This class journeys through ancient Mesopotamia through its myths and ritual texts, exploring themes such as creation, death, afterlife, birth, witchcraft, performance of magical rituals, incantations, and methods of predicting the future. Through examining famous ancient myths (Gilgamesh, Enuma Elish, Atrahasis) students learn about the various gods, goddesses, demons, monsters, heroes, and legendary rulers. Analyzing these written texts in context with archaeological remains allows an understanding of the culture and religion of Mesopotamia. A special emphasis will be placed on examining the significance of gender and sexuality in ancient society. Letter grade with Pass/No Pass option. (Offered spring semester, alternate years.) 3 credits
REL 213 - Introduction to Judaism	This course traces the history, beliefs, literature, and practices of Judaism from its beginnings in the biblical period to modernity. (Offered spring semester.) 3 credits
REL 214 - Introduction to Christianity	This course introduces the origins of Christianity and provides a general understanding of its doctrines and history, including the divides among Western Catholic, Orthodox, and Protestant traditions. (Offered every year.) 3 credits
REL 217 - The Holocaust and Religious Faith	This course explores Judeo-Christian beliefs and values in relation to the events of the Holocaust. Central topics include the role of religious faith in survival, rescue, and resistance during the Holocaust and major Jewish and Christian theological interpretations of the Holocaust. (Offered fall semester, alternate years.) 3 credits
REL 229 - Experimental Course	(Offered as needed.) 3 credits
REL 240 - Interfaith Leadership, Understanding and Engagement	This course will focus on basic religious literacy integrated with the study and application of specific techniques, purposes, and strategies for interfaith dialog and action, equipping students for active engagement and leadership in fostering interfaith understanding and cooperation. (Offered as needed.) 3 credits
REL 242 - Mindfulness (Same as PCST 242)	In this course students will learn, practice, and explore what it means to be mindful, including the roots of modern mindfulness, the science behind mindfulness, and additional academic research on the benefits and limitations of mindfulness, as well as the practice of cultivating present moment awareness. P/NP. (Offered fall semester.) 1½ credits
REL 243 - Advanced Applied Mindfulness	Prerequisite, REL 242 or consent of instructor. In this course, students will further learn, practice, and explore what it means to be mindful. We will learn the roots of modern mindfulness, the science behind mindfulness, and additional academic research on the benefits and limitations of mindfulness. Students will also learn mindfulness, the practice of cultivating present moment awareness without judgement to the experiences that are arising inwardly as well as outwardly. Each class will be a combination of practice, lecture, group feedback, and discussion. Students will explore ways mindfulness is being applied within their particular discipline and future vocation, and discover authentic methods for its application. Pass/No Pass. (Offered every year.) 1½ credits
REL 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 3 credits
REL 303 - Readings in Qur'an and Hadith	A study of the selected basic texts of Islam: the Qur'an and Hadith. The course will also include an introduction to the history and compilation of the Qur'an and Hadith, various methods of interpretations, classical and modern critical analysis as well as the issues related to the authenticity of these texts. (Offered every year.) 3 credits
REL 304 - The Ancient Mediterranean World (Same as HIST 304)	3 credits
REL 306 - The Middle Ages (Same as HIST 306)	3 credits
REL 307 - Germany and the Holocaust (Same as HIST 307)	This course examines the Holocaust within the context of the history of World War II. Topics include the origins of the Holocaust, the implementation of the Final Solution, resistance to the Nazis, survivor experiences, and the legacy of the Holocaust. (Offered every year.) 3 credits
REL 309 - Religion, Knowledge, and Evil (Same as PHIL 309)	3 credits
REL 310 - From Socrates to Aquinas (Same as PHIL 310)	3 credits
REL 311 - Descartes to Kierkegaard (Same as PHIL 311)	3 credits
REL 312 - Religious Experience in Film and Fiction	This course introduces the relationship of the religious and spiritual experience and the arts. After setting down fundamental theological principles of spirituality, this course surveys the nature of religious experience through two accessible fronts: film and contemporary American fiction. (Offered every semester.) 3 credits
REL 314 - Fiction, Film and the Western Contemplative Tradition	Both the contemplative and artist share a profound inner encounter with the self in a creative and transformative experience. This course aligns these two encounters. The student will be introduced to the scholarly field of Christian spirituality and the praxis of the classic methods of meditation and contemplation. The course targets artistic expression in 20th and 21st century films and literature. (Offered spring semester, alternate years.) 3 credits
REL 315 - Archaeology of Ancient Israel (Same as HIST 315)	This course explores the archaeology, history, geography, and religions of ancient Israel during the biblical period (2000 BCE -70 CE) Settlement patterns, material culture, ethnic and religious identity as well as the pivotal relationship between archaeology and the Bible will be discussed. (Offered spring semester.) 3 credits
REL 316 - Genesis and Gender	Jewish, Christian, and Muslim interpretations of Genesis have shaped and defined gender roles and society hierarchies throughout history. This course examines the Genesis texts, through a variety of methodologies to understand gender roles, power, authority, sexuality, narrative, and cultural representations of the women. (Offered alternate years.) 3 credits
REL 319 - Images of Jesus	Jesus Christ has been the dominant religious and cultural figure in Western civilization for two-thousand years. This course critically evaluates philosophical, theological, biblical, and historical conceptions of Jesus and explores the important implications those viewpoints bring to Christology and theology. (Offered as needed.) 3 credits
REL 322 - Topics in Theology	This course examines major topics in modern theology, focusing on the 20th and 21st centuries. Students consider theological understandings of God, the natural world, human nature and human community, and issues such as the relationship of revelation and reason, the relevance of God in the modern scientific world, the impact of inter-religious encounter, gender and sexual orientation on theological reflection, and the emergence of theologies of liberation and the call for social and ecological justice and care. (Offered as needed.) 3 credits
REL 322a - Philosophical Theology (Same as PHIL 322a)	This course uses philosophical methodology to examine major issues in modern theology. Students consider issues such as whether God can be understood by human reason, whether there is only one correct understanding of God, the relevance of talking about God in the modern scientific world, and how the religious person should view contrary faiths of other religions. (Offered as needed.) 3 credits
REL 323 - Interpretation of the Hebrew Scriptures (Old Testament)	An intensive study of selected materials in the Hebrew scriptures: the prophets, the wisdom literature, the Deuteronomistic history, and the Pentateuch. (Offered as needed.) 3 credits
REL 324 - Interpretation of the New Testament	An intensive study of selected materials in the New Testament and early Christian literature, such as images of Jesus, the gospel of John, the life and letters of Paul, and the gnostic gospels. May be repeated for credit if course content is different. (Offered every year.) 3 credits
REL 325 - Albert Schweitzer: His Life and Thought (Same as PCST 325 , PHIL 325)	This course explores Schweitzer's contributions to philosophy, theology, medicine, music, peace, philanthropy, and voluntary service. The primary focus will be on Schweitzer's central moral ideal of reverence for life and its contemporary relevance. (Offered every year.) 3 credits
REL 329 - Experimental Course	Religious Studies experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) 1-3 credits
REL 330 - Women and Religion	Students examine women's roles in religious traditions, including ways of being religious and religious leadership, as well as the recovery of women's voices from the past and the transformation of these traditions today. (Offered every year.) 3 credits
REL 330a - Women and Religion: Voodoo in Context	Students examine women's roles in religious traditions, including ways of being religious and religious leadership, as well as the recovery of women's voices from the past and the transformation of these traditions today. This travel course focuses particularly on women's roles in Voodoo to understand the intersection between gender and society. Fee: TBD. (Offered as needed.) 3 credits
REL 333 - Deconstructing Hogwarts: Religion, Race, and Gender in Harry Potter	This interterm travel course explores the global Harry Potter phenomenon through the lenses of religious studies and gender analysis, examining themes in the wizarding world as a common backdrop for the discussion of religion, race, gender, ethnicity, and social class in communities and community formation. Course will take place at Chapman and in London and Oxford, England. Fee: TBD. (Offered as needed.) 3 credits
REL 334 - Religion and Love in World Literature	This interdisciplinary course explores the concept of love within different literary, philosophical, cultural and critical contexts with particular emphasis on the ways religion informs and impacts understandings of love. (Offered fall semester.) 3 credits
REL 335 - Hinduism and the Religions of India	A study of the historical development of Hinduism; the texts, practices, and world views that characterize its various paths to liberation; other religious traditions arising in India (Sikhism, Jainism, and Buddhism); and the impact of Islam in this region. (Offered fall semester.) 3 credits
REL 335a - Religions of India: Diversity and Dialogue	Prerequisite, consent of instructor. A study of the historical development of Hinduism and other religions in India; the texts, practices, and worldviews that characterize the various paths to liberation and salvation; and the dynamic interrelationships between followers of Hinduism, Jainism, Buddhism, Christianity, Islam, and Sikhism in this region. Fee: TBD. (Offered interterm.) 3 credits
REL 336 - Buddhism	This course presents a study of the Buddha and the historical and philosophical development of Theravada, Mahayana, and Vajrayana Buddhism, exploring their understanding of the human predicament and the solutions they offer. Students consider ritual and meditative practices, and the interaction between Buddhism and existing traditions in the cultures in which it thrives. (Offered every year.) 3 credits
REL 338 - Asian Religions in America	This course provides an overview of Asian Religions in America, addressing issues with race, class, immigration, religion, and identity and covering both the historical frameworks that helped structure and maintain Asian religious communities in American contexts and contemporary issues facing new and old immigrant communities in the United States, Mexico and Canada. Letter grade with Pass/No Pass option. (Offered interterm.) 3 credits
REL 340 - The Bible as Literature: The Hebrew Scriptures (Same as ENG 340)	This course considers the Hebrew Scripture as literature. Key texts of various genres from the Hebrew Scriptures will be examined. Clarification of the parameters of biblical scholarships and interpretation will be established. Literary criticism will be employed to engage the various genres of biblical literature. This course prioritizes clear and creative articulation using writing skills. (Offered fall semester.) 3 credits
REL 341 - The Bible as Literature: The Christian Scriptures (Same as ENG 341)	This course considers the Christian Scripture as literature. Key texts of various genres from the Christian Scriptures will be examined. Clarification of the parameters of biblical scholarships and interpretation will be established. Literary criticism will be employed to engage the various genres of biblical literature. This course prioritizes clear and creative articulation using writing skills. (Offered spring semester.) 3 credits

REL 350 - Happiness: Exploring Its Spiritual and Rational Foundations	This course is an interdisciplinary exploration of happiness as an underlying orientation to life, with attention to religious conceptions and spiritual paths to attaining it from the world's religions and contemporary research findings from surveys to neuroscience. (Offered spring semester) 3 credits
REL 351 - Health, Healing and Wholeness in the World Religions	An interdisciplinary exploration of healing traditions and conceptions of wholeness and health in the major world religions and their role in the practice of global integrative medicine. (Offered every year) 3 credits
REL 352 - Quantum Theory, Cosmology and Consciousness	Integrating the disciplines of quantum physics, cosmology, Asian philosophy and religion, and consciousness studies, this course examines the role that consciousness in understandings of the cosmos, the brain and the human condition and explores humanity's emerging paradigm of wholeness and interconnectedness through both scientific and spiritual lenses. (Offered fall semester, alternate years.) 3 credits
REL 353 - Religion and Medicine	This interdisciplinary course focuses on the intellectual history of medicine, tracing the development of concepts of health, illness and healing across a range of religious, philosophical and cultural traditions, including Greek, Indian, Chinese, Jewish, Christian, Islamic, African and/or Native American sources. (Offered spring semester) 3 credits
REL 355 - New Religious Movements in Global Context	This course examines New Religious Movements within the context of larger political, cultural, and economic processes, including post-colonialism, modernization, and globalization, with attention to movements that have emerged within the last 150 years, such as The Native American Church, modern Kabbalah, Baha'i, the Raelians, neo-Hindu Gurus like Sathya Sai Baba or Rajneesh, Japanese new religions and various forms of religious terrorism (al Qaeda, Aum Shinrikyo, and Christian Identity), addressing the diversity of these movements, what gives rise to them, and how they developed over time. (Offered every year) 3 credits
REL 358 - Islam and the West (Same as PCST 358 , POSC 358)	3 credits
REL 359 - Elie Wiesel: Life and Works (Same as HIST 359)	3 credits
REL 365 - Topics in the Holocaust (Same as HIST 365)	3 credits
REL 365a - Perpetrators, Witnesses, and Rescuers (Same as HIST 365a)	3 credits
REL 366 - The Latino/a Religious Experience: From Colonialism to Liberation	This course surveys the Latin American as well as U.S. Latino/a religious experience as seen in a variety of creative forms, from its historical roots to contemporary artistic expressions. Key considerations include missionary evangelization, Liberation Theology, Pentecostalism, Evangelicalism, and such popular religious expressions as Our Lady of Guadalupe, Dia de los Muertos, and narco-cults. (Offered fall semester) 3 credits
REL 370 - Research in Religion	Prerequisite, nine credits in religion, at least three of which are upper-division in the general area of the research topic. Guided individual investigation on a specific topic beyond regular curricular offerings. May be repeated for credit. (Offered as needed.) 1-3 credits
REL 375 - Violence and Nonviolence in Society and Religion	Students examine the religious, philosophic, economic, and biological roots of aggression, violence, and nonviolence among individuals and social groups. The approach is interdisciplinary, and the methods employed range from the study of religious texts through the exploration of cultural tradition. (Offered alternate years.) 3 credits
REL 380 - Law and Religion	This course explores the place and nature of law within a wide range of major religious traditions and cultures around the world, as well as laws about religion, including the First Amendment religion clauses and religious issues in American case law. (Offered as needed.) 3 credits
REL 398 - Junior-Senior Seminar	Prerequisites, REL 115 , REL 130 , junior standing, religious studies major, or minor, or consent of instructor. In the junior or senior year, religious studies majors and minors must enroll at least once in the Junior-Senior Seminar. May be repeated for credit as the theme of the seminar changes. (Offered every year.) 3 credits
REL 399 - Individual Study	(Offered as needed.) 1-6 credits
REL 415 - Archaeology of Ancient Israel: Field and Laboratory Methods	In this 4 week summer travel course, students will participate in the Jezreel Expedition, a multidisciplinary archaeological, environmental, and ethnographical investigation in northern Israel. The Jezreel Expedition is sponsored by the University of Evansville and the Zinman Institute of Archaeology at the University of Haifa; with consortium members- the University of Arizona, Chapman University, Vanderbilt University and Vilanova University. Students will experience firsthand an archaeological dig in Israel, excavating material remains to understand ancient Near Eastern history, daily life activities, gender and society roles, space utilization, town planning, trade, political relations, and the development of the religious traditions of ancient Israel. Specific methodologies including field excavation, pottery analysis, laboratory processing, and the recording and interpretation of artifacts, stratigraphy, top plans, section drawing, computer applications, use of optical and electronic theodolites, registration, pottery reading, lithic analysis and archaeozoology. In addition to archaeological field skills, students will learn how the finds can illuminate the history, literature, culture, and religion of the ancient Canaan and Israel through lectures and assigned readings, therefore contextualizing the fieldwork. The ideology of archaeology, the development of its techniques, and its key contributions to understanding the Bible will be important factors in this class. Settlement patterns, the material culture, fortifications, monumental architecture, domestic contexts, cultic and other objects will be discussed along with the question of the ethnic and religious identities of the various groups who settled in Israel during the different periods. As we will live on a functioning kibbutz with founding kibbutz members, a secondary goal of gaining an understanding of Israeli history, Zionism, and communal societal structure. Daily lectures, workshops, and organized weekend trips to archaeological, historical and religious sites will be led by professional archaeologists and scholars. Students will live in at Kibbutz Jezreel in guesthouses (2-3 to a room) with dig participants from other US and international universities. Fee: TBD. (Offered as needed.) 3 credits
REL 490 - Independent Internship	(Offered as needed.) 1-6 credits
REL 498 - Senior Capstone Project	Prerequisites, religious studies major, senior standing. In the senior year, all religious studies majors must enroll in a Senior Capstone Project, which is to be taken with a faculty member in the department. (Offered as a reading and conference only.) 3 credits
REL 499 - Individual Study	Prerequisites, completion of lower-division requirements and four upper-division courses in religion with a 3.300 GPA. Normally taken in final semester at the university. (Offered as needed.) 1-3 credits
SCI 150 - Grand Challenges in Science and Engineering I	This research seminar is a continuation of the Grand Challenges FFC. It is designed to provide a mentored experience for teams as they pursue possible solutions to their grand challenges. Faculty serving as team mentors will use evidence-based approaches to improve students' critical thinking, problem-solving and communication skills. Faculty are joined by a number of external experts who provide students with additional insights into their challenges, introduce them to a diversity of careers in science, and serve as the foundation of a professional network. In this phase, teams are encouraged to grow, evolve, and even recruit new members across campus, as it becomes clearer what skills are needed to advance towards their goals. This course may not be taken concurrently with SCI 200 or SCI 250 Letter grade. (Offered every semester.) 1 credit
SCI 200 - Grand Challenges in Science and Engineering II	Prerequisite, SCI 150 This seminar is a continuation of the Grand Challenges in Science and Engineering series. It is designed to provide a mentored experience for teams as they pursue possible solutions to their grand challenges. Faculty serving as team mentors will use evidence-based approaches to improve students' critical thinking, problem-solving and communication skills. Faculty are joined by a number of external experts who provide students with additional insights into their challenges, introduce them to a diversity of careers in science, and serve as the foundation of a professional network. In this phase, teams are encouraged to grow, evolve, and even recruit new members across campus, as it becomes clearer what skills are needed to advance towards their goals. This course may not be taken concurrently with SCI 150 or SCI 250 Letter grade. (Offered every semester.) 1 credit
SCI 250 - Grand Challenges in Science and Engineering III	Prerequisite, SCI 200 This seminar is a continuation of the Grand Challenges in Science and Engineering series. It is designed to provide a mentored experience for teams as they pursue possible solutions to their grand challenges. Faculty serving as team mentors will use evidence-based approaches to improve students' critical thinking, problem-solving and communication skills. Faculty are joined by a number of external experts who provide students with additional insights into their challenges, introduce them to a diversity of careers in science, and serve as the foundation of a professional network. In this phase, teams are encouraged to grow, evolve, and even recruit new members across campus, as it becomes clearer what skills are needed to advance towards their goals. This course may not be taken concurrently with SCI 150 or SCI 200 Letter grade. (Offered every semester.) 1 credit
SCI 320 - STEM in Action: The integration of STEM education and service-learning	Prerequisites, consent of instructor and Crean or Fowler or Schmid major or minor. Students work with a local organization, Higher Ground Youth and Family Services, to mentor public school students in the development of STEM research projects. This course will help students develop a research project in the topics of STEM, generate and apply culturally relevant pedagogy, and use educational discourse to be effective mentors. Pass/No Pass. (Offered every semester.) 3 credits
SCI 329 - Experimental Course	Science experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) 0-4 credits
SCI 400 - Applying to Graduate Programs in the Sciences	This 1-credit seminar is intended for students who intend to apply to research-based Ph.D. graduate programs in the natural or applied sciences during the fall semester. It will cover best practices and include targeted assignments to help students craft their graduate school and fellowship applications for maximum success, including: - Identifying your desired subfield - Narrowing down your search - Contacting potential Ph.D. mentors - Drafting personal statements - Seeking letters of recommendation - Making your final decision (Offered fall semester) 1 credit
SCI 401 - Pursuing Careers in STEM Disciplines	This course explores the career planning process, equipping students with vital career development skills to effectively assess, articulate, and secure professional career opportunities and managing one's career over a lifetime. Students will develop an awareness of interests and strengths, as well as initial career strategies. Topics include: career visioning, leveraging your network, seeking career mentors, targeted resumes and cover letters, conducting job interviews, and negotiating an offer. Pass/No Pass. (Offered spring semester.) 1 credit
SCI 420 - STEM in Action: The development of STEM pedagogies in service-learning	Prerequisites, consent of instructor, SCI 320 and Crean or Fowler or Schmid major or minor. Students work with a local organization, Higher Ground Youth and Family Services, to mentor public school students in the development of STEM research projects at the Higher Ground STEM Lab. This course will help students develop curriculum to deliver to the youth at Higher Ground in the topics of STEM. This curriculum could also apply a variety of pedagogical approaches - culturally relevant pedagogy, critical pedagogy, and others presented in the prerequisite course - in order to create a more equitable learning environment. Students will also enhance their educational discourse to be more effective communicators of STEM topics. Pass/No Pass. (Offered every semester.) 3 credits
SCAC 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
SCAC 383A - Screen Acting in Production Workshop	Prerequisites, TH 218 , junior standing, screen acting major. Workshop-style course in which each student takes roles in film and television projects. Students are prepared for their individual out-of-class acting experiences via in-class exercises and lessons including auditioning, script analysis and breakdown, character building, rehearsal techniques, and on-set performance. Fee: \$75. (Offered fall semester.) 3 credits
SCAC 383B - Screen Acting in Production Workshop	Prerequisites, SCAC 383A , TH 218 , junior standing. Workshop-style course in which each student takes roles in film and television projects. Students are prepared for their individual out-of-class acting experiences via in-class exercises and lessons including auditioning, script analysis and breakdown, character building, rehearsal techniques, and on-set performance. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
SCAC 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
SCAC 497 - Thesis in Screen Acting Workshop	Prerequisites, FP 280 , senior standing, consent of instructor. Workshop-style course in which each student takes major roles in advanced film projects. Students are mentored through their individual out-of-class acting experiences, including auditioning, script analysis and breakdown, character building, rehearsal techniques, and on-set performance. Letter grade. Fee: \$300. (Offered fall semester.) 3 credits
SCAC 498 - Thesis in Screen Acting Workshop	Prerequisites, SCAC 497 , senior standing, consent of instructor. Workshop-style course in which each student takes major roles in advanced film projects. Students are mentored through their individual out-of-class acting experiences, including auditioning, script analysis and breakdown, character building, rehearsal techniques, and on-set performance. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
SW 127 - Writing for Film and TV I	Prerequisite, animation and visual effects or creative producing or film and television production or film production or screen acting or screenwriting or writing for film and television major. An intensive immersion in the building blocks of cinematic writing: character, visualization, dialogue, scenes and basic dramatic structure. Students begin with character and scene writing exercises and proceed to the development of several short scripts. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered fall semester.) 3 credits
SW 128 - Writing for Film and TV II	Prerequisites, SW 127 and film and television production or screenwriting or writing for film and television major. Screenwriting or film and television production or writing for film and television students will create compelling, truthful, and authentic characters and prepare to produce some scenes in a production class. They will then develop a treatment or beat sheet for a character-driven feature script. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
SW 155 - Short Film Analysis	Prerequisite, screenwriting or writing for film and television major. Some sections may be open to other DCFMA majors. An immersion class into the world of short films. Short films screened and analyzed will include: classic shorts that launched directorial careers, short films that were expanded into classic features, great short films from different parts of the world, award winning film school shorts, and segments from feature films consisting of several short films. Letter grade. (Offered fall semester.) 3 credits
SW 227 - Screenwriting Fundamentals	Prerequisite, creative producing, or film production, or screen acting, or television and writing production major, or television minor. A workshop introduction to the building blocks upon which all film and television writing are based: visualization, dialogue, scenes, sequences, and basic dramatic structure. Students begin with writing exercises and proceed to the development of several short scripts. Some sections may be restricted to film production majors only. Fee: \$75. (Offered every semester.) 3 credits
SW 257 - Feature and Series Story Analysis	Prerequisites, screenwriting or writing for film and television major and sophomore standing only. Feature films are analyzed with emphasis on principles of screen storytelling and character development, with emphasis on the various narrative strategies available to screenwriters. May include short film, television and reality TV study components. Letter grade. This course may be repeated for credit. (Offered fall semester.) 3 credits
SW 277 - Feature Screenwriting I	Prerequisites, screenwriting or writing for film and television major, sophomore standing. An initial study of the problems and possibilities presented by the feature length screenplay. Students will write three or more ideas for feature stories, develop one of these into a treatment, then complete the first act, or thirty pages, of a feature screenplay based on the treatment. Letter grade. Fee: \$75. (Offered fall semester.) 3 credits
SW 287 - Feature Screenwriting II	Prerequisites, SW 277 , screenwriting or writing for film and television major. The second of a two-part sequence, this course guides students to complete the feature screenplay developed in SW 277 Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
SW 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
SW 297 - Short Script Workshop	Prerequisites, SW 127 or SW 227 and creative producing or film production or film and television production or film studies or film and media studies or screen acting or screenwriting or writing for film and television major or film studies or film and media studies minor and sophomore standing. An intensive workshop in writing short screenplays. Students are encouraged to work in a variety of styles, and have the opportunities for rewrites and collaboration. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered as needed.) 3 credits
SW 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of SW 299, SW 399 , or SW 499 May be repeated for credit. Fee: varies. (Offered as needed.) 1-3 credits
SW 310 - Pitching and Coverage	Prerequisites, SW 128 and screenwriting or television writing and production or writing for film and television major. An examination of the process of pitching ideas and content to producers as well as the purpose, history and craft of writing coverage for intellectual property for the Hollywood studio system. Letter grade. With consent, this course may be repeated for credit. (Offered as needed.) 3 credits
SW 317 - Writing From Research	Prerequisites, SW 128 , screenwriting or writing for film and television major, junior standing. Students will explore and generate story ideas by undertaking research projects in areas such as history, a non-U.S. culture, a living individual they interview and develop a script based on this research. Letter grade. Fee: \$75. (Offered every semester.) 3 credits
SW 324 - Advanced Dialogue Writing Workshop	Prerequisite, SW 128 , or SW 227 Students discuss, criticize, and evaluate screenplays and plays in order to understand and improve their ability to write dialogue. Students work within their chosen genre and form, and the guidelines of various genres and forms are examined. Lecture and writing workshop combined. Fee: \$75. (Offered as needed.) 3 credits
SW 326 - Writing the Adaptation	Prerequisites, SW 128 , or SW 227 A practical workshop in adapting to the big screen material from other media, such as novels, short stories, magazine articles and biographical materials, as well as histories, nonfiction and memoirs. Fee: \$75. (Offered every semester.) 3 credits
SW 327 - Feature Screenwriting I for Non-Screenwriting Majors	Prerequisites, DCFMA major other than screenwriting and SW 227 , or TWP 127 and TWP 128 An initial study of the problems and possibilities presented by the feature length screenplay. Students will write three or more ideas for feature stories, develop one of these into a treatment, then complete the first act, or thirty pages, of a feature screenplay based on the treatment. Viable projects can be completed in SW 427 Fee: \$75. (Offered fall semester.) 3 credits
SW 328 - Series Writing: Hour-Long	Prerequisites, SW 127 or SW 227 and screenwriting or writing for film and television major. A study of the techniques for writing hour-long scripts. Letter grade. Fee: \$75. (Offered every semester.) 3 credits
SW 330 - Series Writing: Half-Hour	Prerequisites, SW 127 or SW 227 and screenwriting or writing for film and television major. A study of the techniques for writing half-hour scripts. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered every semester.) 3 credits
SW 340 - Sketch Comedy Writing	Prerequisites, SW 127 , or SW 227 , or TWP 127 and TWP 128 Dodge College major, or minor. Some sections may be open to non-majors. This course is designed to teach the professional and creative requirements involved in writing sketch comedy. Students will learn to write comedy sketches in a number of different styles including commercial parodies, "in-one" monologues, slice of life comedy, character-driven comedy, physical comedy, and political and topical satire as well as learning to construct jokes within the context of a sketch, and as stand-alone elements as part of a comedic monologue. Fee: \$75. (Offered as needed.) 3 credits
SW 348 - Actors and Writers Workshop	Prerequisite, SW 128 , or SW 227 This active workshop class brings actors and writers together to find the hidden truths of written scenes and performance, through readings, discussion, and improvisation. Writers will act in this class, and actors will have a chance to write, as the course explores the essential connection between what artist do. May be repeated for credit. (Offered every semester.) 3 credits
SW 349 - Advanced Workshop in Writing for Genre	Prerequisites, SW 277 , or SW 327 , and consent of instructor. Designed to introduce students to the exciting variety of narrative strategies organic to specific film genres. Students discuss, criticize, and evaluate the techniques of commercial, feature screenwriting in order to produce the first act of a publishable work. Students work and write within their chosen genre and form, and the guidelines of various genres and forms are examined. (Offered as needed.) 3 credits
SW 356 - Hemingway in Paris: A Writing Workshop	Drawing upon Hemingway's time in Paris for inspiration, this course will focus on writing short stories in both screenplay and narrative formats. Hemingway's A Moveable Feast, a memoir of curated essays that he wrote while living in Paris in the 1920s, along with several of Hemingway's short stories, will serve as launching points for discussions of Hemingway's style and the short story form. Students will visit Hemingway's haunts and hangouts around Paris catching a glimpse into Hemingway's world, at the same time finding inspiration for writing original short stories and screenplays related to each student's contemporary experiences on the trip. Letter grade with Pass/No Pass option. Fee: TBD. (Offered interterm.) 4 credits
SW 357 - Scripted Story Analysis	Prerequisite, for film and television production major, SW 127 Prerequisite, for screenwriting major, SW 128 Prerequisites, for television writing and production major, TWP 127 , TWP 128 Prerequisite, for other students, SW 227 Corequisite, FS 245 Feature films are analyzed with emphasis on principles of screen storytelling and character development. Some sections of this course may be restricted to screenwriting or creative producing or screen acting majors only in the class schedule. Letter grade. (Offered every semester.) 3 credits
SW 358 - The Short Film Form	Prerequisites, for television writing and production major, TWP 127 , TWP 128 Prerequisite, for other students, SW 128 or SW 227 An immersion class into the world of short films. Short films screened and analyzed will include: classic shorts that launched directorial careers, short films that were expanded into classic features, great short films from America and Europe, award winning film school shorts, and segments from feature films consisting of several short films. Letter grade. (Offered as needed.) 3 credits
SW 397 - Creating the Series	Prerequisite, SW 277 Corequisite, SW 287 This course will build on lessons learned in SW 277 and SW 287 and apply them to the creation of a television/streaming series. (Offered every semester.) 3 credits
SW 399 - Individual Study	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of SW 299 , SW 399, or SW 499 May be repeated for credit. Fee: TBD. (Offered as needed.) 1-3 credits
SW 417 - Writing for Evolving Platforms	Prerequisites, SW 287 or TWP 328 and screenwriting or writing for film and television production major and senior standing. Students will draw on their training in writing feature films, short films, and television to explore other narrative forms. Letter grade. Fee: \$75. (Offered every semester.) 3 credits



SW 417A - Audio Drama	Prerequisites, SW 287 or TWP 328 and screenwriting major, senior standing. Students will draw on their training in writing feature films, short films, and television to explore other narrative forms. Letter grade. May be repeated for credit. Fee: \$75. (Offered as needed.) 3 credits
SW 427 - Feature Screenwriting II for Non-Screenwriting Majors	Prerequisites, SW 227, SW 327, DCFMA major other than screenwriting. The second of a two-part sequence, this course guides students to complete the feature screenplay developed in SW 327 and execute a rewrite. Fee: \$75. (Offered every semester.) 3 credits
SW 471 - Development Process for Film and Television	Prerequisites, SW 128, screenwriting or writing for film and television major, senior standing. An introduction to the process of developing material for motion pictures and television. Topics examined include developing existing literary material; developing news stories and events; and developing fictional material for numerous venues including feature films, movies of the week, television shows, and cable films. Other topics examined will be the role of the producer in working with writers, agents, and studio/network executives during the development process. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
SW 480 - Screenwriting Master Class	Prerequisite, SW 127, or SW 227 An intensive workshop taught by a professional screenwriter. This course covers the sharing of professional tips regarding dialogue, characterization, structure, and story. The goal is to make the student's finished screenplay as strong as possible. Fee: \$75. (Offered as needed.) 3 credits
SW 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
SW 498 - Writing Thesis	Prerequisites, SW 287 or SW 327 and screenwriting or writing for film and television major and senior standing. An advanced practicum in the development of a feature length screenplay. Students write, rewrite, present, and polish an original feature film screenplay. TV scriptwriting is also available as an option. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered every semester.) 3 credits
SW 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. Students must have an overall grade point average of at least 3.0 to enroll. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: TBD. (Offered as needed.) ½-3 credits
SOC 101 - Introduction to Sociology	An examination of the basic concepts, principles, and findings of sociology; addressing the nature of human social relations from simple, face-to-face relationships, and through formal organizations and whole societies. Students discover how social patterns are created, how they become organized and established, and how they change. They will also practice and apply sociological concepts to local communities. (Offered every semester.) 3 credits
SOC 199 - Individual Study	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
SOC 201 - Introduction to Research Methods	Students will learn how to conduct research using a variety of different methodologies. Topics covered include research design, analysis and reporting. Attention will also be given to the needs of students as practitioners of social research i.e., trying to make sense out of daily reports on sociological findings in various forms of media. (Offered every semester.) 3 credits
SOC 204 - Marriage and the Family	This course studies the family as a social institution considering socio-cultural as well as historical as factors related to sexuality, love, and marital choice. Topics also include adjustment and conflict in marriage and microsociological analysis of family structure and dynamics. (Offered every year.) 3 credits
SOC 211 - Social Problems	Prerequisite, SOC 101 Society is beset by numerous social problems such as crime, war, hunger, homelessness, divorce, ethnic/gender conflict, violence, and economic power struggles, political corruption, and overpopulation. The class will focus on how we define, treat, and solve social problems. (Offered every semester.) 3 credits
SOC 217 - Social Change Through Community Engagement	This course utilizes experiential learning and action based research to understand some of the conditions that put certain youth in our local community at risk, and to come up with solutions to alleviate these conditions. During the semester we will be working with high school students who participate in a gang prevention program located in the city of Anaheim called Higher Ground Youth and Family Services. We will collaborate with our community youth to research a social problem that directly impacts our community, and to come up with policy solutions. May be repeated for credit. (Offered spring semester.) 3 credits
SOC 225 - Social Inequality/Stratification	Examination of stratification according to race, class, and gender in the US and internationally. Attention to ideological, institutional, and cultural manifestations of inequality. (Offered every year.) 3 credits
SOC 229 - Experimental Course	May be repeated for credit with different topic. (Offered as needed.) 1-3 credits
SOC 231 - Foundations of Criminal Justice	Prerequisite, SOC 101 This course discusses the structure and operation of the US criminal justice system. A major emphasis will be placed on selected contemporary issues facing the administrations of criminal justice, including racial profiling, female offenders, hate crimes, official misconduct, and the death penalty. (Offered every semester.) 3 credits
SOC 281 - Sociology of Sex and Gender	Students examine the ways in which macro and micro institutions structure gender relations in society and how gender in turn structures and stratifies the social order. Gender identities and the social consequences of gender stratification are considered, including such topics as the sexual division of labor, sexual politics, and sexual violence. (Offered alternate years.) 3 credits
SOC 290 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) 1-3 credits
SOC 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
SOC 292A - Social Work Field/Practicum (Same as SOC 492A)	Students begin supervised fieldwork in a human service agency concentrating on case planning and organizational analysis. This course also provides classroom analysis of the fieldwork practicum, focusing upon establishing basic casework and organizational skills and techniques of the social work profession. P/NP. Maybe be repeated for credit. (Offered as needed.) 3 credits
SOC 293 - Introduction to Social Work	This course will provide an introduction to the social work profession. The course will focus on the various levels of social work practice, including individual and group casework, community organization, cultural diversity, and policy-making. (Offered every year.) 3 credits
SOC 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. P/NP. May be repeated for credit. (Offered as needed.) 1-3 credits
SOC 301 - Field Research	Prerequisites, SOC 201, junior standing, or consent of instructor and sociology major, or minor. Corequisite, SOC 305 An introduction to field research in naturally occurring settings. Students acquire skills in participant observation and interviewing with emphasis on the construction of field notes. Ethics of field research, entree to the field site, maintenance of the research relationship, and closure are considered through classroom discussion and activity in selected field sites. Analysis of data is conducted, preparing students to go on to the next step of a finished paper in senior thesis. This course May be repeated for credit. (Offered every semester.) 3 credits
SOC 305 - Social Theory	Prerequisite, SOC 101, or consent of instructor. Students explore what makes society possible and how it changes. Critical study of social and political perspectives on these questions. Emergence and evolution of sociology as a systematic discipline. Emphasis on macrostructural theory. Reading of more recent critical theorists, black theorists, feminist theorists, and post-modernists. (Offered every semester.) 3 credits
SOC 306 - Social Movements	Prerequisite, SOC 101 This course introduces students to social movements and collective behavior that have challenged established structures of power, attempted to alter social and cultural relations in the lives of people throughout the world, and have strived to change the dominant visions of society. This is an interdisciplinary class that will provide an overview of the main theories and issues regarding social movements to understand the interaction between individuals and societal change. (Offered every year.) 3 credits
SOC 307 - Survey Research	Prerequisite, SOC 201 The class provides students with the skills necessary to accomplish quantitative research methods used in Sociology. Students who take this class will learn quantitative data collection, analysis and reporting and the use of SPSS (Statistical Package for the Social Sciences). Students will also develop an expanded understanding of statistics and its central connection to understanding and interpreting data. Specifically, students will learn when and how to apply correlation, Z-test, T-test, multiple regression, one-way and two-way analysis of variance, and chi-square. This class provides an in-depth focus on survey research, particularly focused on mail, internet and face-to-face surveys. Survey creation, sampling and analysis will also be covered. (Offered every semester.) 3 credits
SOC 308 - French Civilization (Cannes)	France is presented through its history, geography, and politics. Emphasis is on the media, daily life of young people, educational institutions, and fashion-related topics. Course taught in English. (When taught in summer, this course is offered for 1 credit.) (Offered as needed.) 3 credits
SOC 309 - La Societe Française/French Society (Cannes)	Prerequisite, must place into upper intermediate French (Intermediaire II) or higher. This course is taught in French. The course defines principal structures of French society - political, geographical, economic, and educational - and examines human aspects of contemporary France. Emphasis is on traditions, innovations, structures, and contradictions. (Offered as needed.) 3 credits
SOC 310 - Feminist-Art-Theory-Power (Same as WGST 310)	3 credits
SOC 311 - Society and Mass Communications	Prerequisite, SOC 101, or consent of instructor. An analysis of mass media as a social institution, this course is an interdisciplinary approach to the origins, history, evolution, and social functions of the mass media, the impact of the media on the social self, and the transitions from oral to print to electronic media. Emphasis on electronic media and the impact of media on the social construction of reality. (Offered every year.) 3 credits
SOC 312 - Sociology of Religion	Prerequisite, SOC 101 This class provides an introduction to the sociology of religion. The class explores various theories that attempt to explain the religious impulse, discusses the differences between types of religious groups, examines reasons why people join (and leave) religious groups, and discusses macro-level trends in religious behavior. Letter grade. (Offered as needed.) 3 credits
SOC 316 - Immigration in Southern California	This course is designed to theoretically, conceptually, and analytically study issues related to immigration in southern California, with a particular focus on the U.S./Mexico border. Special emphasis will be placed on Latinos who represent the fastest growing ethnic sector of U.S. society and the largest source of immigration during the last four decades. The main focus is for us to use critical thinking to understand the issues, problems, and policy solutions. More specifically, we will examine why people move and the economic, political and social forces that perpetuate migration, law and policy, and the social construction of illegality. A major focus will be on unauthorized immigrants as we study their experiences in the United States and the contentious politics surrounding them, including detention and deportation. (Offered every year.) 3 credits
SOC 318 - Quantitative Data Analysis	Prerequisites, SOC 101, SOC 201 Introduction to descriptive and inferential statistics, and applications in real-world, social science research. Focus on understanding and selecting appropriate statistical methods, data analysis, and proper interpretation. Students will translate research questions into statistical analyses to address research questions. Students will complete statistical analyses using statistical software on a computer. This course cannot be taken simultaneously with Capstone. (Offered every semester.) 3 credits
SOC 320 - Sociology of Death	Prerequisite, SOC 101, or consent of instructor. An interdisciplinary investigation of death, dying, and the grieving process including, dying as a psychological process, the denial of death, the repression of grief and loss, and relating to one's own death and the death of significant others. Students explore how the experience, fear, and quality of death has changed historically over the centuries. (Offered every year.) 3 credits
SOC 323 - Applied Demographics in 21st Century	This course will trace demographic trends over time. Demographic changes will include the move to cities, starting in ancient times and then to suburbs, including immigration trends, and the shift in global affairs. We will quickly shift towards the modern era, exploring the forecasting works of such writers as Karl Marx, H.G. Wells, Edward Bellamy and Aldous Huxley, all of whom dealt with the issues of class and changing markets. We will also explore ethnic change and the current divisions of society both here and abroad. (Offered as needed.) 3 credits
SOC 326 - Mind, Self and Society in Tibetan Buddhism	This is a ten-day retreat at a Tibetan/American Meditation Center in the spectacular Colorado Rockies. For those interested in the Eastern paths of Liberation this is a wonderful opportunity to explore your own mind in a new way and to personally experience the teachings of Tibetan Buddhism and their deep relevance for modern life. P/NP. May be repeated for credit. Fee: TBA. (Offered interterm.) 3 credits
SOC 329 - Experimental Course	Prerequisite, SOC 101, or consent of instructor. May be repeated for credit with different topic. (Offered as needed.) 1-3 credits
SOC 332 - Crime, Justice and Globalization	Examines crime and criminal justice within the context of increases globalization. Different world systems of law and social control will be compared. Topics such as drugs, prostitution, terrorism, organized crime, warm crimes, and human rights abuses will be discussed within a global perspective. (Offered every year.) 3 credits
SOC 335 - Society and the Environment	Prerequisite, SOC 101, or ENV 102, or consent of instructor. A discussion of selected societal impacts on the environment. Topics include environmentalism, alternate environmental policies, and the costs and benefits of different solutions to environmental problems. (Offered every year.) 3 credits
SOC 345 - Social Psychology	Prerequisite, SOC 101, or consent of instructor. Discussion and analysis of the relationship between culture, group life, social structure, and human behavior. Emphasis is on the dialogue between the individual and the social collective. Focus is on microsocial theory. (Offered every year.) 3 credits
SOC 347 - Topics in Literary and Cultural Studies	In this course, students investigate significant themes or movements in literature and culture. Some sections may be taught with ENG 347 Topics vary. May be repeated for credit with a different focus. (Offered as needed.) 3 credits
SOC 349 - 'We Shall Overcome': White Terror, Black Struggle, and American Memory (Same as HIST 349)	In this course, students will gain a better understanding of America's history of systemic racial violence and oppression against African-Americans, key moments in the historical struggle for civil rights and racial justice, and how memory of this past relates to racial politics of the present. The course moves through the historical periods of Reconstruction, Jim Crow, the Civil Rights Era, and Reagan's America -each illustrating how white terrorism took a variety of institutional and extra-institutional forms through time, such as the Black Codes and Jim Crow laws, convict-leasing, lynching, segregation, sexual violence, and the War on Drugs. This interterm course consists of three weeks of engagement with historical, sociological, and feminist scholarship and film and the addition of one week of "stepping into history" including travel to Atlanta, GA, Birmingham, Tuskegee, and key sites along the Selma to Montgomery Historic Trail in Alabama. As a central research site of the course, students will visit The National Memorial for Peace and Justice in Montgomery, Alabama -the nation's first memorial dedicated to the thousands of black people terrorized by lynching during the late-19th and 20th centuries to analyze how it works as "counter discourse" in the visual and political construction of national memory on racial violence and terror. Students will also visit the National Center for Civil and Human Rights in Atlanta, GA and several key historic civil rights locations in Alabama. Through historical research assignments and ethnographic methods, including a photo project and an oral history project, coursework will culminate in an exploration of the connections between this turbulent history and current issues related to race. Letter grade with Pass/No Pass option. Fee: TBD. (Offered interterm.) 3 credits
SOC 350 - Gender, Stratification, and Globalization	Prerequisite, SOC 101, or consent of instructor. This course examines social constructions of gender difference and gender inequalities from a comparative, global perspective with an emphasis on developing countries. The course explores, from a gendered perspective, issues of globalization, social and economic development, the international division of labor, military and domestic violence, health and reproductive rights, women's citizenship, and global and local feminisms. (Offered fall semester.) 3 credits
SOC 354 - Non-Violent Social Change (Same as PCST 354, POSC 354)	3 credits
SOC 359 - Terrorism and War in the Media (Same as PCST 359)	3 credits
SOC 370 - Race and Ethnicity	Prerequisite, SOC 101, or consent of instructor. The course examines meanings of racial and ethnic identities in the United States, the causes of discrimination and prejudice and the responses of minority groups to differential treatment. Focuses on the study of the economic, political, cultural, and historical factors that shaped our historical era and how those factors influence our ethnic and race relations in the United States. (Offered fall semester.) 3 credits
SOC 371 - Sociology of Human Sexuality	This course explores the social construction of sexual ignorance and the social accomplishment of sexual repression. Sociologically students will address how conventional sex education reinforces sexual ignorance and how, even in this most private and intimate of spheres, the fingers of society are relentlessly present. It addresses human sexual socialization and the current schizophrenic culture of puritanism and pornography. Simultaneously students will attempt to promote greater realism, greater skillfulness and greater literacy regarding their lives as sexual beings and as romantic beings. One of the guiding "mantras" will be, "it's a lot easier to have sex than it is to talk about it." Students will inquire into the barriers to sexual communication and also promote cross-gender understanding and appreciation. The distinction between conditioned, habitual sexuality and conscious sexuality will be explored and the achievement of intimacy, the labor of romance and relationship, and the spiritual aspects of eroticism will be examined. Letter grade. (Offered as needed.) 3 credits
SOC 383 - Sociology of Deviant Behavior	Prerequisite, SOC 101 This course examines why societies label behavior deviant and the distinction between deviance and crime. Theories of deviance, the amount, distribution and patterns of deviance, political influence, social change, and selected types of deviant activity are discussed. (Offered every semester.) 3 credits
SOC 385 - Medical Sociology	Prerequisite, SOC 101, or consent of instructor. Course analyzes sickness and health through linking individual illness to larger societal forces such as social class, the structure of work, and health policy. It further examines the experience of illness or disability in respect to identity, social behavior, and relationships. The state of health care in the U.S. is examined in respect to morbidity and mortality, availability of care, and appropriateness of care. (Offered every year.) 3 credits
SOC 393 - Child Abuse	This class will examine the definition and causes of child abuse from sociological, cultural, and psychological perspectives and will provide an overview for the helping professions. The legal and child welfare systems will be studied in addition to treatment and prevention aspects of the child abuse issue. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
SOC 397 - Capstone I: Field Research	Prerequisites, SOC 201, sociology major and junior standing or consent of instructor. An introduction to field research in naturally occurring settings. Students acquire skills in participant observation and interviewing with emphasis on the construction of field notes. Ethics of field research, entree to the field site, maintenance of the research relationship, and closure are considered through classroom discussion and activity in selected field sites. Analysis of data is conducted, preparing students to go on to the next step of a finished paper in senior thesis. Letter grade. (Offered every semester.) 3 credits
SOC 399 - Individual Study	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-6 credits
SOC 404 - Global Family Systems	Prerequisite, SOC 101, or consent of instructor. Students examine the concept of family from the perspective of culture. Every society has families that vary widely in their structure. This course explores how the family is formed and how it relates structure and function of the larger society. (Offered as needed.) 3 credits
SOC 410 - Victimless Crimes	Prerequisite, SOC 101, or consent of instructor. This course examines various criminal offenses that often lack a complaining "victim" and tend to generate intense social debate due to their consensual nature (e.g., drug use, prostitution, certain sexual activities, gambling). The societal implications of social control policies will be discussed. (Offered every year.) 3 credits
SOC 429 - Experimental Course	The experimental courses in sociology are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
SOC 450 - Postcolonial Women Writers (Same as WGST 450)	3 credits
SOC 490 - Independent Internship	Prerequisites, SOC 101, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
SOC 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
SOC 492A - Social Work Field/Practicum (Same as SOC 292A)	3 credits
SOC 492B - Seminar Internship	Prerequisite, SOC 101, or consent of instructor. Seminar-based practicum in which interns meet regularly as a group with a faculty member to share, discuss, and evaluate their experiences. P/NP. May be repeated for credit. (Offered every year.) 1-3 credits
SOC 497 - Capstone II: Senior Thesis Project	Prerequisites, SOC 201, SOC 397, sociology major, senior standing. As a capstone of the sociology major, each student is required to do a significant research project resulting in a substantial research paper. Students choose a topic in consultation with their research advisor. The paper should demonstrate mastery of sociological theory and method at the undergraduate level. Students must have taken SOC 397 : Capstone I - Field Research in a prior semester. SOC 397 : Capstone I - Field Research cannot be taken in the same semester as SOC 497 - Capstone II - Senior Thesis Project. Students present their papers in a final department colloquium. Letter grade. (Offered every semester.) 3 credits

<b>SOC 499 - Individual Study</b>	Prerequisites, consent of instructor, approval of petition. Directed reading and/or research deigned to meet specific needs of superior upper-division students. May be repeated for credit. (Offered as needed.) ½-3 credits
<b>SE 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>SE 300 - Software Requirements and Testing</b>	Prerequisite, CPSC 231 Corequisite, SE 310 Students are introduced to the tools and techniques used to elicit, capture, and test software requirements from the perspective of delivering a working software system. In addition to covering standard terminology for software requirements specifications, this course gives an in-depth treatment of formal testing techniques used to ensure software quality and requirement satisfaction. (Offered fall semester.) 3 credits
<b>SE 310 - Software Design</b>	Prerequisite, CPSC 231 Corequisite, SE 300 Students gain hands-on experience designing software from a formal set of functional and non-functional software requirements. (Offered fall semester.) 3 credits
<b>SE 320 - The Software Development Lifecycle</b>	Prerequisites, CPSC 350 , SE 300 , SE 310 Students apply their theoretical knowledge of the software development lifecycle to a year-long project spanning all facets of the requirements, design, implementation, test, and maintenance processes. (Offered spring semester.) 3 credits
<b>SE 329 - Experimental Course</b>	Software engineering experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-4 credits
<b>SE 330 - Software Qualification and Delivery</b>	Prerequisites, CPSC 350 , SE 320 Students will be introduced to software project management concepts such as cost and schedule management, defect tracking, staff rotation, and supporting multiple software releases. This course focuses on the implementation and test of a large software system, culminating in formal acceptance testing and delivery to the customer. (Offered fall semester.) 3 credits
<b>SE 370 - Topics in Software Engineering</b>	Prerequisite, determined by topic being offered. Advanced topics in the theory and practice of the software development lifecycle. Topics may include open-source software development, automated software engineering, empirical software engineering, and case studies of specific code ecosystems. May be repeated for credit. (Offered as needed.) 3 credits
<b>SE 410 - Software Process and Management</b>	Prerequisite, SE 310. Students are exposed to key concepts in software project management such as technical performance metrics, cost estimation, schedule tracking, and tailoring formal software processes to fit individual project requirements. (Offered as needed.) 3 credits
<b>SE 420 - Formal Methods in Software Engineering</b>	Prerequisite, SE 410 A survey in formal methods in software engineering, including topics such as verification techniques, software mining, and specification languages. (Offered as needed.) 3 credits
<b>SE 480 - Software Engineering Seminar</b>	Prerequisite, SE 300 Students are exposed to the latest trends and techniques in software engineering through a weekly seminar series consisting of invited lectures from industry and academia. Some sections of this course may be offered as hybrid courses or online only. May be repeated for credit. (Offered as needed.) 1 credit
<b>SE 498 - Software Engineering Capstone Project</b>	Prerequisite, SE 320 Students complete an in-depth, individual, software engineering project in conjunction with a faculty advisor and an industry partner. Letter grade. (Offered as needed.) 3 credits
<b>SPAN 101 - Elementary Spanish I</b>	Students develop basic competence in the four skills of listening, speaking, reading, and composition writing. Emphasis is placed on conversational skills pertinent to a variety of social situations in different cultures. The class is conducted in Spanish. (Offered every semester.) 3 credits
<b>SPAN 101A - Elementary Spanish I</b>	Offered on location in a Spanish-speaking country as a summer or interterm travel course. The elementary Spanish series (i.e., SPAN 101A/SPAN 101 and SPAN 102A /SPAN 102 ) is designed to develop the student's ability to understand spoken and written Spanish and to increase communication skills in basic everyday situations. Listening comprehension and reading are the basis for the sound acquisition of a foreign language. Students will build a foundation in the four communicative skills: listening, speaking, reading and writing. Fee: TBD. (Offered as needed.) 3 credits
<b>SPAN 102 - Elementary Spanish II</b>	Prerequisite, SPAN 101 Students develop basic competence in the four skills of listening, speaking, reading, and composition writing. Emphasis is placed on conversational skills pertinent to a variety of social situations in different cultures. The class is conducted in Spanish. (Offered every semester.) 3 credits
<b>SPAN 102A - Elementary Spanish II</b>	Prerequisite, SPAN 101 , or SPAN 101A , or consent of instructor. Offered on location in a Spanish-speaking country as a summer or interterm travel course. The elementary Spanish series (i.e., SPAN 101A /SPAN 101 and SPAN 102A/SPAN 102 ) is designed to develop the student's ability to understand spoken and written Spanish and to increase communication skills in basic everyday situations. Listening comprehension and reading are the basis for the sound acquisition of a foreign language. Students will build a foundation in the four communicative skills: listening, speaking, reading and writing. Fee: TBD. (Offered as needed.) 3 credits
<b>SPAN 104 - Intensive Elementary Spanish</b>	Prerequisite, two or more years of high school Spanish with a gap of two or more years in the study of the language, or SPAN 101 , or consent of instructor. Mastery of a basic vocabulary and structural patterns, pronunciation, an overview of Spanish geography and customs. One hour per week of lab required. (Offered every year.) 4 credits
<b>SPAN 199 - Individual Study</b>	(Offered as needed.) 1-6 credits
<b>SPAN 201 - Intermediate Spanish I</b>	Prerequisite, SPAN 102 Students work on expanding and improving communicative skills to encompass most social and some professional situations. Through intensified reading and composition writing students also explore the diverse geography and culture of the Hispanic world. The class is conducted in Spanish. (Offered every semester.) 3 credits
<b>SPAN 201A - Intermediate Spanish I</b>	Prerequisite, SPAN 102 , or SPAN 102A , or consent of instructor. Offered on location in a Spanish-speaking country as a summer or interterm travel course. The intermediate Spanish series is designed to develop the student's ability to understand native spoken and written Spanish and to increase communication skills in basic everyday situations. Listening comprehension and reading are the basis for the sound acquisition of a foreign language. Students will build a foundation in the four communicative skills: listening, speaking, reading and writing. Fee: TBD. (Offered as needed.) 3 credits
<b>SPAN 201B - Spanish for Business</b>	Prerequisite, SPAN 102 Spanish for Business give students a basic foundation in vocabulary and discourses related to functional business areas, practice in carrying out typical business transactions, and practice in writing commercial documents. Translations and interpretations are also important parts of this course. The course will provide the student with the necessary skills to function effectively within the Spanish business world in the Unites States, as well as in Spanish speaking countries. The vocabulary and grammar will provide the student with the confidence needed when dealing with different business environments such as banking, management, the modern business office, marketing, finance, and imports-exports. Close attention will be placed on culture, since the business world in Latin America and Spain, works differently from that of the United States. (Offered as needed.) 3 credits
<b>SPAN 201H - Intermediate Spanish/Spanish for Health Professionals</b>	Prerequisite, SPAN 102 , or consent of instructor. This course provides basic health-related Spanish conversation skills and vocabulary for those who work in the health professions using the terminology necessary in medical settings. The course introduces Hispanic customs and culture and continues to build a solid grammar foundation for the study of Spanish. (Offered as needed.) 3 credits
<b>SPAN 202 - Intermediate Spanish II</b>	Prerequisite, SPAN 201 Students work on expanding and improving communicative skills to encompass most social and some professional situations. Through intensified reading and composition writing students also explore the diverse geography and culture of the Hispanic world. The class is conducted in Spanish. (Offered every semester.) 3 credits
<b>SPAN 202a - Intermediate Spanish II</b>	Prerequisite, SPAN 201 or equivalent. Offered on location in a Spanish-speaking country as a summer or interterm travel course. The intermediate Spanish series is designed to develop the student's ability to understand native spoken and written Spanish and to increase communication skills in basic everyday situations. Listening comprehension and reading are the basis for the sound acquisition of a foreign language. Students will build a foundation in the four communicative skills: listening, speaking, reading and writing. Letter grade. Fee: TBD. (Offered as needed.) 3 credits
<b>SPAN 202H - Intermediate Spanish II/Spanish for Health Care Professionals II</b>	Prerequisite, SPAN 201H This course is a continuation of Spanish for Health Care Professionals I. It is designed to provide basic health-related Spanish conversation skills and vocabulary for those who work in the health professions using the terminology necessary in medical settings. The course introduces Hispanic customs and culture and continues to build a solid grammar foundation for the study of Spanish. (Offered as needed.) 3 credits
<b>SPAN 290 - Independent Internship</b>	(Offered as needed.) 1-6 credits
<b>SPAN 291 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>SPAN 299 - Individual Study</b>	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered as needed.) 1-6 credits
<b>SPAN 326 - Reading and Interpreting Literature</b>	Prerequisite, SPAN 343 , or SPAN 344 , or consent of instructor. Students develop reading and writing skills with the aim of attaining literacy in Spanish. Strategies and techniques for interpreting literary works in light of cultural context are emphasized. Required before enrolling in all upper-division literature courses. (Offered every year.) 3 credits
<b>SPAN 329 - Experimental Course</b>	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest in language pedagogy. Repeatable if course topic is different. (Offered as needed.) 1-3 credits
<b>SPAN 343 - Advanced Grammar and Composition</b>	Prerequisite, SPAN 202 , or consent of instructor. This course includes a detailed review of Spanish grammar and a rigorous writing component which will allow the student to perfect Spanish composition skills through drafts, revisions, and final projects. (Offered fall semester.) 3 credits
<b>SPAN 343A - Advanced Grammar and Composition in a Spanish-Speaking Country</b>	Prerequisite, SPAN 202 , or consent of instructor. Offered on location in a Spanish-speaking country as a summer or interterm travel course. This course comprises a rigorous writing component and a detailed review of Spanish grammar. This course will expand and refine students' composition skills through the use of various writing techniques and strategies (such as pre-writing activities, building up on preliminary drafts and peer-editing). It will focus on three major modes of writing; description, narration, and argumentation (academic essay). In addition, this course will provide a detailed treatment of key topics in Spanish grammar and a review of selected vocabulary. Fee: TBD. (Offered as needed.) 3 credits
<b>SPAN 344 - Spanish Writing Workshop</b>	Prerequisite, SPAN 202 or consent of instructor. Intensive development of writing skills in the context of worldwide Hispanic cultures. Particular emphasis will be given to the development of writing expository essays and creative compositions in Spanish. Letter grade. (Offered as needed.) 3 credits
<b>SPAN 345 - Spanish Conversation</b>	Prerequisite, SPAN 202 , or consent of instructor. This course further develops the communicative competence of students in Spanish, focusing on the oral expression of one's own ideas and opinions. In addition to speaking, the course includes the acquisition of new vocabulary, the development of socio-cultural competence, a grammar review, and exposure to listening, reading, and to a lesser degree writing. The textbook provides plenty of material and opportunities for discussion and debate. Each one of its six chapters is introduced by an award-winning short-feature film. The theme is further explored through a series of literary, journalistic, and other types of texts and speaking activities. Communicative competence will be measured by fluency, pronunciation, use of general conversational strategies such as paraphrasing skills, an extensive active vocabulary, and grammar. (Offered as needed.) 3 credits
<b>SPAN 375 - Literature and Culture of Spain I</b>	Prerequisite, SPAN 326 , or consent of instructor. This course is an introduction to a variety of literary genres (poetry, drama, essay, novel, short story) and cultural aspects of Spain (art, history, geography, music, philosophy) from medieval times through the 20th century. (Offered alternate years.) 3 credits
<b>SPAN 376 - Literature and Culture of Spain II</b>	Prerequisite, SPAN 326 , or consent of instructor. This course is an introduction to a variety of literary genres (poetry, drama, essay, novel, short story) and cultural aspects of Spain (art, history, geography, music, philosophy) from medieval times through the 20th century. (Offered alternate years.) 3 credits
<b>SPAN 377 - Literature and Culture of Latin America I</b>	Prerequisite, SPAN 326 , or consent of instructor. This course is an introduction to a variety of literary genres and cultural aspects of Latin America (art, history, geography, music, philosophy) from its beginnings to present times. Includes readings of representative authors in the areas of drama, essay fiction, and poetry. (Offered alternate years.) 3 credits
<b>SPAN 378 - Literature and Culture of Latin America II</b>	Prerequisite, SPAN 326 , or consent of instructor. This course is an introduction to a variety of literary genres and cultural aspects of Latin America (art, history, geography, music, philosophy) from its beginnings to present times. Includes readings of representative authors in the areas of drama, essay fiction, and poetry. (Offered alternate years.) 3 credits
<b>SPAN 393a - Advanced Spanish Language and Culture Abroad</b>	Prerequisite, SPAN 202 or any 300 level SPAN course or consent of instructor. This travel course is designed to meet specific needs of advanced students and Spanish majors and minors, providing them in-depth study on a special topic in a Spanish speaking country related to language, literature, linguistics and culture. Topic must be approved by senior faculty before departure. This course may travel with other sections of SPAN travel courses. Letter grade. As topic will change each time offered, class may be repeated for credit. Fee: TBD. (Offered every year.) 3 credits
<b>SPAN 396 - Introduction to Hispanic Linguistics</b>	Prerequisite, successful completion of any 300-level course in Spanish, or consent of instructor. This course introduces students to the field of linguistics with an emphasis on Spanish. Fundamental concepts are examined to provide a broad understanding of human language. Analytic techniques and theoretical principles are used to discover and describe phonological, morphological, and syntactic patterns. This course also deals with diachronic and sociolinguistic variation. (Offered every year.) 3 credits
<b>SPAN 397 - United States Latino Literatures and Cultures</b>	Prerequisite, SPAN 326 , or consent of instructor. In this course students are introduced to a broad range of U.S. Latino/a literary genres and to critical and analytical materials concerning the production of literatures and cultures of the Americas. (Offered alternate years.) 3 credits
<b>SPAN 398 - 20th Century Latin American Fiction: Journeys Across Memory</b>	Prerequisite, SPAN 326 , or consent of instructor. This course examines Latin American short stories and novels published in the 20th century. The main themes to be analyzed are exile, psychological traces of repression, personal and collective memory, and the rewriting of history. (Offered alternate years.) 3 credits
<b>SPAN 399 - Individual Study</b>	Prerequisite, consent of instructor. Designed to meet specific needs of superior students, providing them in-depth study on a specific topic. Course content is chosen in conference between the instructor and student. May be repeated for credit. (Offered as needed.) 1-6 credits
<b>SPAN 399A - Individual Study in a Spanish-Speaking Country</b>	Prerequisite, SPAN 202 , or any 300 level course. Offered on location in a Spanish-speaking country as a summer or interterm travel course. Designed to meet specific needs of superior students, providing them in-depth study on a special topic in the host country related to language, literature or linguistics. Topic must be approved by senior faculty before departure. Fee: TBD. (Offered as needed.) 3 credits
<b>SPAN 440 - A Multidisciplinary Approach to Spanish Bilingualism</b>	Prerequisite, any 300-level course, or consent of instructor. This course provides a broad understanding of bilingualism from sociolinguistic, ideological, psychological, and educational perspectives. Students examine theoretical concepts and selected case studies that focus on Spanish bilingualisms around the world, the complex interrelations between social factors and linguistic practices, the role of language in the construction of identity, and the structural impacts of language contact. (Offered as needed.) 3 credits
<b>SPAN 441 - Spanish Phonetics and Phonology</b>	Prerequisite, SPAN 202 , or consent of instructor. After a general introduction to the subfields of phonetics and phonology, this course focuses on the description, production, and representation of Spanish sounds. The sound system, distinctive suprasegmental features such as stress and intonation, and syllable patterns of Spanish are analyzed through various exercises. (Offered alternate years.) 3 credits
<b>SPAN 470 - Techno Writing and Global Perspectives in Latin American Literature and Culture</b>	Prerequisite, SPAN 326 , or consent of instructor. The course examines new trends in 21st century themes and genres in Latin American literature and culture. The main approach will be the study of cyber literature, techno writing, including blogs, twitters and other representations of literature through technology. Young writers/bloggers in various Latin American countries are using fiction and testimony to both address political, social and historical matters as well as to promote different forms of resistance. Writers include Yoani Sánchez, Laura Alcoba, José Antonio Ponte, Edmundo Paz-Soldán and others. May be repeated for credit. (Offered as needed.) 3 credits
<b>SPAN 484 - 20th Century Spanish Poetry and Drama: Literary Pictures</b>	Prerequisite, SPAN 326 This course examines theatrical and poetic texts in 20th century Spain in conjunction with artistic representations of or within the texts. Some poets and playwrights to be included are Federico García Lorca, Miguel Hernández, Rafael Alberti, Antonio Buero Vallejo, and Alfonso Sastre. (Offered alternate years.) 3 credits
<b>SPAN 485 - Hispanic Theatre in Dialogue with the Classics: A Workshop for Dramatic Creations</b>	Prerequisite, 300 level SPAN course or equivalent proficiency, or consent of instructor. This course examines dramatic works from Spain, Mexico, Argentina in light of classical inter-textual references: Greek tragedies, classical art, and historical accounts. It explores the concept of "intertextuality" as regards the study of dramatic texts in dialogue with the historical past and investigates such themes as social repression, war in conjunction with artistic expression, politics, and power. Students will create their own short plays using the dramatic techniques explored in class and will perform in a public arena. (Offered alternate years.) 3 credits
<b>SPAN 487 - Hispanic Cinema and Globalization: Society, History and Culture</b>	Prerequisite, 300-level SPAN course taken for Spanish major or minor. This course examines cinematic and literary works from Spain, Chile, Mexico Argentina and other Hispanic countries in light of contemporary topics in globalization as well as major historical and cultural events and references for the countries represented in the productions. (Offered as needed.) 3 credits
<b>SPAN 488 - Bilingual Drama and Social Satire</b>	Prerequisite, SPAN 202 , or a 300 or 400 level Spanish course. The course incorporates an active interdisciplinary approach to the study of theatre and language. Students will read and analyze a variety of bilingual plays both as works of literature and as theatre in performance. Plays will be examined within a historical context focusing on factors that have shaped the use of language in our society including colonialism, migration, assimilation, immigration, acculturation, cross-cultural interaction, multiculturalism and globalization. Some sections of this course will be taught with TH 455 (Offered as needed.) 3 credits
<b>SPAN 490 - Independent Internship</b>	(Offered as needed.) 1-6 credits
<b>SPAN 491 - Student-Faculty Research/Creative Activity</b>	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
<b>SPAN 498 - Junior/Senior Seminar</b>	Prerequisites, SPAN 326 , SPAN 396 , or consent of instructor. Students will select a research topic on a subject related to literature and/or linguistics in function with other disciplines related to the history, society or culture of any Spanish speaking country or region. Students will conduct primary and secondary source research on the topic of their choice as they write entirely in Spanish a 20 page (5,000 words not including the bibliography) capstone research paper. (Offered fall semester.) 3 credits
<b>SPAN 499 - Individual Study</b>	Prerequisite, consent of instructor. Designed to meet specific needs of superior students, providing them in-depth study on a specific topic. Course content is chosen in conference between the instructor and student. May be repeated for credit. (Offered as needed.) 1-3 credits
<b>SCC 100 - Introduction to Strategic and Corporate Communication</b>	Prerequisite, strategic and corporate communication major. This introductory course in strategic and corporate communication emphasizes communication theory and practice associated with the advancement of an organization's mission, vision, product and/or service. Specifically, this course focuses on the persuasive use of messaging in the organizational context and develops skills in the purposeful use of communication. Students will be introduced to the concepts, skills and issues associated with different types of public information campaigns and other forms of strategic messaging designed to reach various audiences both internal and external to the corporation. The goal of this course is to create strategic communicators who are able to understand messaging so that it can facilitate an organization achieving it goals. (Offered every semester.) 3 credits
<b>SCC 200 - Message Design I</b>	Prerequisite, SCC 100 This course covers the basic principles of creating an effective message campaign to be consistent with an organization's purpose or goals. A major focus is to apply theories of persuasion and communication. Students will learn the initial stages of planning and designing message campaigns. Students will then implement and evaluate the message campaign in Message Design II. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
<b>SCC 301 - Interviewing and Focus Groups</b>	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C, or as a corequisite. This course is designed to give students experience in planning for and conducting different types of professional interviews. Students will be learning the theoretical frameworks explaining the roles people enact in interviewing situations and the nature of interviewing communication. Course will address the functions and techniques of the major types of interviews, including the facilitation of focus groups, and learn how to construct effective interview guides. Students will gain experience constructing interview guide, conducting professional interviews, and participating in them. Some sections of this course may be offered for strategic and corporate communication and/or communication studies majors only. (Offered as needed.) 3 credits
<b>SCC 302 - Visual Communication Design</b>	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 or SCC 295 with a minimum grade of C, or as a corequisite. Visual Communication Design will introduce students to the use of industry-standard tools for visual communication design along with the key theories of visual communication and typography, reinforce and strengthen competencies in research, analysis and message design so that students can craft an effective message or message campaign, and reinforce the aforementioned skills with real-life applications which combine research, message design, graphic design, and analysis in order to design visual communications that obtain a desired goal. Some sections of this course may be offered for communication studies and/or strategic and corporate communication and/or global communication and world languages majors only. (Offered as needed.) 3 credits



SCC 304 - Messaging in Advertising and Promotion Context	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and SOC 295 , or SCC 295 with a minimum grade of C, or as a corequisite. This course is designed to give students experience in planning for and conducting different types of campaigns. This course will introduce you to the concepts, analyses, and activities that comprise advertising and promotion management and provide practice in assessing and solving advertising and promotion challenges. Class sessions will be devoted to learning major advertising and promotion concepts and applying them to real world examples and experiences. Students who have taken COM 329 when taught as Messaging in Advertising and Promotion Context may not enroll in this course. Some sections of this course may be offered for strategic and corporate communication and/or communication studies majors only. (Offered as needed.) 3 credits
SCC 305 - Marketing Through the Communicator's Lens	Prerequisites, COM 100 or SCC 100 with a minimum grade of B- and COM 295 or SCC 295 with a minimum grade of C or as a corequisite. This course will strengthen student knowledge as communicators regarding business's product and service policies, pricing, advertising, selling, distribution, and marketing research with global emphasis. Students will learn to analyze a company's marketing programs and begin learning to create their own. Students who have taken MKTG 305 or SCC 329 when taught as Marketing Through the Communicator's Lens should not enroll in this course. Some sections of this course may be offered for strategic and corporate communication and/or communication studies majors only. Letter grade. (Offered as needed.) 3 credits
SCC 329 - Experimental Course	Prerequisite, sophomore standing. Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, and Prerequisites, may vary. Some courses require student lab Fees. May be repeated for credit, if course topic is different. Some topics may require student lab Fees. (Offered as needed.) 1-3 credits
SCC 393 - Peace Communication (Same as PCST 393)	This course will take students to a location to analyze the communication strategies of various organizations that pursue peace and social justice, situating this communication within the specific history and culture of the area. Emphasizing real world examples of peace communication practice, the course provides a chance to analyze these through the lens of research and theory from communication studies and peace studies. Students will meet with leaders from and observe a mixture of government agencies, non-profits, non-governmental and advocacy organizations, for-profit social enterprises, and/or international institutions. Students will be expected to attend classes and complete readings and/or written assignments prior to, during, and after departure. Focus of the course will vary depending on the instructors and the location of the program. May be repeated for credit. Fee: TBD. (Offered interterm, alternate years.) 3 credits
SCC 400 - Message Design II	Prerequisites, strategic and corporate communication major, SCC 100 , SCC 200 with a minimum grade of B- and COM 295 with a minimum grade of C. The purpose of this class is for students to apply what they have learned about message design so far in Strategic and Corporate Communication Studies courses to an actual communication campaign. In this class, students will continue the development of a campaign targeted at college students, implement this campaign using various channels and messages, and evaluate the effectiveness of this campaign on achieving target goals and objectives. Students will also learn about principles of effective message design, application of communication theory to global corporate and strategic communication attempts, and how to apply message design to their own career goals. Letter grade. (Offered every semester.) 3 credits
SCC 410 - Training and Consulting in the Corporate Context	Prerequisites, COM 100, or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. This course will introduce students to the theories and principles of andragogy and instructional design as they relate to training and consulting in corporate and professional environments. Students will learn theoretical frameworks and practical strategies for diagnosing organizational problems and individual employee skill gaps, and then designing and delivering appropriate training interventions. This course will focus on engaging contemporary corporate audiences with competent training facilitation and effective use of communication technology and presentation aids. Some sections of this course may be offered for strategic and corporate communication and/or communication studies majors only. (Offered as needed.) 3 credits
SCC 415 - Communication and Organizational Change	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. This course is designed to orient students to the theoretical frameworks and empirical research on the role of communication in corporate change. Course focuses on internal and external changes, including technology adoption and innovation, leadership change, downsizing, and volatile markets and economies. Students will learn the theories, skills, and strategies associated with designing messages which promote acceptance of change, and how to use interpersonal communication during change to reduce employee uncertainty. Some sections of this course may be offered for strategic and corporate communication and/or communication studies majors only. (Offered as needed.) 3 credits
SCC 420 - Risk and Crisis Communication	Prerequisites, COM 100 , or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. This course explores the communicative dynamics that both prevent and cause organizational crisis. Through case studies, the class examines how people plan, communicate and make good decisions in high-risk situations, as well as how to manage crisis effectively. Students will apply concepts, theories and frameworks to research, design and deliver crisis communication plans and media training. Some sections of this course may be offered for strategic and corporate communication majors only. (Offered as needed.) 3 credits
SCC 425 - Communication in the Non-profit Organization	Prerequisites, COM 100, or SCC 100 with a minimum grade of B- and COM 295 , or SCC 295 with a minimum grade of C. This course focuses on nonprofit organizational communication at the macro and micro levels. Through a combination of readings, case analysis, writings, discussions, and guest speakers, students gain an understanding of the challenges and opportunities within the non-profit sector. Topics included in this class are: organizational identity, change processes, fund-raising, advocacy, stress and burnout, board management and professionalism. Some sections of this course may be offered for communication studies and/or strategic and corporate communication majors only. (Offered as needed.) 3 credits
SCC 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
SCC 498 - Senior Seminar in Strategic and Corporate Communication	Prerequisites, strategic and corporate communication major, senior standing, SCC 100 , and COM 295 or SCC 295 This course will serve as a capstone course for the major. (Offered every semester.) 3 credits
SCC 499 - Individual Study	Prerequisite, consent of instructor. Individual study and research offered to students in order to research particular topics that are not provided for by regular curriculum offerings. Students design their individual research or projects under the guidance of a faculty member. (Offered as needed.) 1-6 credits
SA 194 - Study Abroad	Prerequisites, sophomore standing, consent of instructor. May be repeated for credit. (Offered as needed.) 1-12 credits
SA 394 - Study Abroad	Prerequisites, junior standing, consent of instructor. May be repeated for credit. (Offered as needed.) 1-12 credits
TWP 114 - Introduction to Television Production: Studio	Prerequisite, broadcast journalism and documentary or film and television production or television writing and production major or broadcast journalism minor. An introduction to the skills used in television production. Using a lecture/lab format, this course provides a comprehensive overview of the medium and provides the student with hands-on experience in television studio techniques. This course includes a lecture and required laboratory component held at different times. Letter grade. Fee: \$300. (Offered every semester.) 3 credits
TWP 127 - Introduction to Television Writing: Comedy	Prerequisite, television writing and production major. An intensive immersion in what makes for a successful television comedy script: premise, character, story, scene writing, and dialogue. Several current television comedy series from broadcast, cable, and streaming platforms will be analyzed throughout the semester. Weekly writing exercises will culminate with the writing of a short webseries. Fee: \$75. (Offered every semester.) 3 credits
TWP 128 - Introduction to Television Writing: Drama	Prerequisite, television writing and production major. An intensive immersion in what makes for a successful drama script including plot-driven, character-driven, anthology and mini-series. Both episodic and serialized series will be analyzed and discussed throughout the semester. Weekly writing exercises will culminate with the writing of an outline for a drama script. Fee: \$75. (Offered every semester.) 3 credits
TWP 229 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Fee varies. May be repeated for credit if course content is different. (Offered as needed.) ½-3 credits
TWP 246 - History of Television	Prerequisite, broadcast journalism and documentary or film and media studies or film and television production or film studies or television writing and production or writing for film and television major or television minor or history and media or media, culture and society or the modern experience themed inquiry. A study of the history of this transformative medium, with particular emphasis placed on underlying social and cultural factors which influenced its development. Letter grade. (Offered every semester.) 3 credits
TWP 265 - Prime Time: The Game of Television	Prime Time: The Game of Television is a role-playing simulation of the business of television which explores the aesthetic, sociological, economic, demographic, and technological trends that impact television programming decisions: what gets on the air and what stays on the air. As members of the television community (network executives, producers, and advertisers) students define what constitutes success, as they face trade-offs between commercial viability, artistic merit, advertiser demands, and public pressure. Open to non-majors. Letter grade. (Offered every semester.) 3 credits
TWP 290 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. May be repeated for credit. (Offered every semester.) ½-6 credits
TWP 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
TWP 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of TWP 299, 399, or 499. Fee varies. May be repeated for credit. (Offered as needed.) 1-3 credits
TWP 303 - Producing Reality Television	Prerequisites, FTV 130A-G and television writing and production or broadcast journalism and documentary major or television minor. This course will serve students wishing to hone skills and pursue careers in producing reality television programming. Students will learn various techniques and methods for creating broadcast-quality reality programs across the format's many genres. There will also be an emphasis on the legal and ethical issues that are central to the genre. In addition to classroom discussions and screenings, students will work in the field producing, filming and editing reality programming. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
TWP 310 - The New Era of Television	Prerequisites, broadcast journalism and documentary or creative producing or television writing and production major or television minor or junior or senior standing. This course explores the dynamic and rapidly changing world of television - a world whose creative possibilities and prestige now rival feature films. Through lectures, screenings, prominent guest speakers and Q & A students will analyze current creative and business trends in television and use these analyses as the basis to evaluate the future of television. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered every semester.) 3 credits
TWP 311 - Advanced Multi-Camera TV Production	Prerequisites, TWP 114 , junior standing and broadcast journalism and documentary or film and television production or television writing and production major. Using multi-camera TV production, students will plan and produce a series of live-on-tape studio or remote productions. Content may vary from semester to semester including talk/variety shows, music performances and live sports events. Letter grade. This course may be repeated for credit. Fee: \$300. (Offered every semester.) 3 credits
TWP 320 - Narrative Television Workshop	Prerequisites, TWP 338 and film and television production or television writing and production major. Narrative Television Workshop provides an intensive directing experience working with a company of actors in various genres of studio television production. The course will provide instruction and laboratory developing a vocabulary for clear communication between television directors and actors and in managing the time and technical challenges that can hinder obtaining a quality performance in staging and shooting dramatic and comedy segments. This course includes a lecture and required laboratory component held at different times. Letter grade. Fee: \$300. (Offered every semester.) 3 credits
TWP 327 - Seminar in Television Writing: Comedy	Prerequisites, SW 227 or both SW 127 , SW 128 or both TWP 127 , TWP 128 and film and television production or screenwriting or television writing and production major or television minor. A study of the techniques for writing half-hour comedy scripts for television. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered every semester.) 3 credits
TWP 328 - Seminar in Television Writing: Drama	Prerequisites, SW 227 or both SW 127 , SW 128 or both TWP 127 , TWP 128 and film and television production or screenwriting or television writing and production major or television minor. A study of the techniques for writing hour-long drama scripts for television. Letter grade. This course may be repeated for credit. Fee: \$75. (Offered every semester.) 3 credits
TWP 329 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. May be repeated for credit if course content is different. Fee: TBD. (Offered as needed.) 1-3 credits
TWP 338 - Directing for Television	Prerequisites, TWP 114 , FP 239 , television writing and production major. An in-depth workshop in the implementation of techniques for directing actors and emphasizes turning analysis into performance. Fee: \$300. (Offered as needed.) 3 credits
TWP 340 - Sketch Comedy Writing	Prerequisites, TWP 127 or TWP 128 and Dodge College major or minor. Some sections may be open to non-majors. This course is designed to teach the professional and creative requirements involved in writing sketch comedy. Students will learn to write comedy sketches in a number of different styles including commercial parodies, "in-one" monologues, slice of life comedy, character-driven comedy, physical comedy, and political and topical satire as well as learning to construct jokes within the context of a sketch, and as stand-alone elements as part of a comedic monologue. Some sections of TWP 340 and TWP 640 will be held together. Letter grade. Fee: \$75. (Offered as needed.) 3 credits
TWP 345 - Television Pre-Production	Prerequisite, television writing and production major or television minor. An introduction to the necessities of pre-production: what it takes to plan for and execute an efficient production including such tasks as script breakdown, storyboard development, scheduling and budgeting, location scouting, planning for visual effects and more. Emphasis is on understanding the job responsibilities of various departments and developing effective teamwork, management, leadership and communication skills. Letter grade. (Offered spring semester.) 3 credits
TWP 364 - Editing the Series	Prerequisite, FP 115 Editing for episodic television requires an understanding of series tone and the relationships of key characters. This course offers students the opportunity to edit a television episode using the footage generated in Series Production. May be repeated for credit. Fee: \$300. (Offered as needed.) 3 credits
TWP 367 - Editing the Promo and Trailer	Prerequisite, FP 115 Over one semester students will write, edit, and produce a variety of promotional spots. The course will cover the fundamentals of network promotion, and trailer and promo structure. Final project will be a full-length movie trailer. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
TWP 374 - Art and Business of Web Video	Prerequisites, Dodge College major, or minor. Some sections may be open to non-majors. Web video is exploding, and it's the fastest, easiest way to break into the entertainment industry. This course introduces students to a new generation of filmmakers who are earning six and seven-figure incomes, studio deals, A-list Hollywood agents, book and record deals and more, because they have mastered the art and business of Web video. Learn what works for the Web: the genres, the monetization and the distribution models. Explore the secrets of YouTube's top hit-makers. Letter grade. Fee: \$300. (Offered as needed.) 3 credits
TWP 388 - Pilot Production	Prerequisites, FTV 130 , consent of instructor. Using the scripts generated in Writing the Pilot, this course provides an intensive production experience mirroring the real world rigors of producing a single-camera dramatic show. Students will learn about and take on the various roles necessary for shooting a series episode. Letter grade. This course may be repeated for credit. Fee: \$300. (Offered as needed.) 3 credits
TWP 399 - Individual Study	Prerequisites, junior standing, consent of instructor. Individual research and projects. Students may only count 6 credits of individual study credit towards any degree in Dodge College. This includes any combination of TWP 299, 399, or 499. May be repeated for credit. Fee: TBD. (Offered as needed.) 1-3 credits
TWP 420 - Advanced Television Directing	Prerequisites, TWP 320 , television writing and production major, or consent of instructor. Advanced Television Directing provides the continuation of an intensive directing experience working with a company of actors while shooting various genres of television production with two cameras. The course will provide instruction in developing a vocabulary for clear communication between television directors and actors and in managing the time and technical challenges that can hinder obtaining a quality performance in staging and shooting dramatic and comedy segments. Fee: \$300. (Offered as needed.) 3 credits
TWP 429 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. May be repeated for credit if course content is different. Course titles, Prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. (Offered as needed.) ½-3 credits
TWP 440 - Creating the Television Series - Non-Production	Prerequisites, TWP 327 , TWP 328 , senior standing. Building on the student's previous narrative writing experience, this course provides an intensive study of creating and writing an original series. Students will study the narrative and dramatic requirements of developing a storyline and characters in the episodic form. Fee: \$75. (Offered as needed.) 3 credits
TWP 445 - Television Pre-Production: Series	Using scripts generated in Writing the Pilot, this course will provide an intensive theoretical overview as well as actual hands-on training in pre-production and production methodology. Students will prepare for the production of a single-camera television episode. In addition, students will learn and perform the various roles necessary for a successful production. These roles will include both above-the-line and below-the-line departments and procedures. Letter grade. (Offered fall semester.) 3 credits
TWP 487 - Writing the Pilot - Production	Prerequisites, TWP 327 or TWP 328 and television writing and production or writing for film and television or film and television production major. Building on the student's previous narrative writing experience, this course provides an intensive study of writing and producing for a single-camera series. Students will study the narrative and dramatic requirements of developing a storyline and characters in the episodic form. Letter grade. Fee: \$75. (Offered spring semester.) 3 credits
TWP 488 - Pilot Production	Prerequisites, FTV 130 , consent of instructor. Using scripts generated in Writing the Pilot, this course provides an intensive production experience mirroring the real world rigors of producing a single-camera dramatic show. Students will learn about and take on the various roles necessary for shooting a series episode. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
TWP 490 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. P/NP. (Offered every semester.) ½-6 credits
TWP 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
TWP 494 - Multi-Camera Television Production Workshop	Prerequisites, TWP 311 , senior standing, consent of instructor and film and television production or television writing and production major. Students will develop and create an advanced studio or remote multi-camera project that serves as a capstone. Letter grade. (Offered every year.) 3 credits
TWP 495 - Short Form Television I	Prerequisites, film and television production or television writing and production major and senior standing, TWP 311 , TWP 320 , TWP 327 , TWP 328 , TWP 487 Using the short form web series model, students will explore the creative and logistic challenges of creating an episode for a narrative television series. Students will present a show concept and series characters, write or work with writers on an episode script, and participate in producing an episode. Letter grade. Fee: \$300. (Offered fall semester.) 3 credits
TWP 496 - Short Form Television II	Prerequisites, TWP 495 , senior standing and film and television production or television writing and production major. Building on the series created in TWP 495 , students will write and produce three additional episodes of a short-form TV series designed for the Internet. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
TWP 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. Designed to meet specific interests which are not provided for by regular curriculum offerings. May be repeated for credit. Fee: varies. (Offered as needed.) ½-3 credits
TH 100 - Introduction to Theatre Technology	This course is an overview of theatre production. It will introduce the student to production elements ranging from scenery, lighting, audio, projections, costumes, props and emerging technologies. Emphasis will be placed on the implementation of technical elements and production safety. (Offered every semester.) 3 credits
TH 105 - Theatre Practicum	This course gives students practical experience in the technical areas of the production program. Students will be given a production assignment and will perform specific activities related to that technical area. P/NP. This course must be repeated four semesters for a maximum of 2 credits. (Offered every semester.) ½ credit
TH 110 - Introduction to Acting	This is a beginning acting course open to non-theatre majors and theatre majors in the technology track. The course includes relaxation work, ensemble exercises, beginning scene work, and an introduction to character building. (Offered every semester.) 3 credits
TH 111 - Introduction to Performing Techniques	Prerequisite, theatre or theatre performance or screen acting major. This course is a study of the fundamentals of stage movement, vocal production, performance techniques, and professional discipline. Course work includes ensemble building, Alexander, Linklater exercises, Strasberg relaxation exercises, and the creation of physical and vocal warm-ups. (Offered fall semester.) 2 credits
TH 112 - Acting Fundamentals	Prerequisites, TH 111 , and screen acting, or theatre, or theatre performance major. Acting Fundamentals is an acting class designed to introduce the acting student to the fundamental techniques of the realistic acting style. Our approach will be based on, but not limited to, the theories of Konstantine Stanislavski, Lee Strasberg, Uta Hagen, Sanford Meisner, and Robert Benedetti. The students will be expected to apply the techniques learned in Introduction to Performance Techniques as they study scripted material. Some of the concepts explored in this class include : Moments of Evaluation, Circles of Attention, Sense Memory, Scene Objectives, and the "magic if." (Offered spring semester.) 3 credits

TH 113 - Theatre Performance	Prerequisites, audition, consent of instructor. This course is designed for those students who have been given performance or stage management responsibilities in theatre productions. P/NP. May be repeated for a maximum of 6 credits. (Offered every semester.) 1 credit
TH 150 - Theatre in World Cultures	This is a study of theatre as a performing art, ritual, vehicle for social interaction, and popular entertainment. The role of theatre in world cultures, and the historical development of performance are explored through reading, collaborative projects, discussion, and attendance of live performances. (Offered every semester.) 3 credits
TH 170 - Creating Theatre: From Page to Stage - The Art of Collaboration	Prerequisite, theatre, or theatre performance, or screen acting major. This course is an introduction to the study of theatre as a collaborative art form. The emphasis is on the introduction of information that will enable students to appreciate the process of creating and maintaining viable theatre, and to effectively communicate as dedicated and disciplined theatre practitioners. The student will also learn to implement specific collaborative processes involving classroom exercises and departmental productions. (Offered fall semester.) 3 credits
TH 201 - Stagecraft	Prerequisite, TH 100 This course provides an in-depth study of the tools and techniques used in scenery construction. Emphasis will be placed on construction materials, stage operating systems, safety methodology and interpreting construction documentation. (Offered fall semester.) 3 credits
TH 204 - Costume Construction	This course is designed as an introduction to the theatrical costuming construction process. The course gives students training in costume construction techniques, fitting, maintenance, tools, and other responsibilities involved in theatrical costuming. This course carries a laboratory component where students will gain hands-on experience. Letter Grade (Offered every semester.) 3 credits
TH 205 - Drawing and Rendering	Prerequisite, TH 100 Drawing and Rendering encourages development of the skills necessary to communicate design ideas. It explores scenic, costume and lighting design using a diverse set of media including charcoal, pencil, ink, acrylic, watercolor, gouache and digital illustration. It will explore sketching, drawing, figure drawing, perspective, and color application. Letter grade. (Offered as needed.) 3 credits
TH 206 - Projection Design	Prerequisite, TH 100 An introduction to projections design for live theatrical performance. In this course, students will explore storytelling through the development of still and moving images. Through a series of increasingly advanced, creative projects, students will develop the skills required of a projections, or media designer in today's industry. Students will use content creation and mapping software to complete these projects. Letter grade. (Offered as needed.) 3 credits
TH 207 - Lighting for the Stage	Prerequisite, TH 100 , or consent of instructor. An introduction to theatrical lighting design with an emphasis on practical application. This course will include studies in lighting history, observation, color theory, instrumentation, photometry, collaborative process, and design (analysis and application). (Offered fall semester.) 3 credits
TH 208 - Scenic Design	Prerequisite, TH 100 This course encourages development of the skills necessary to communicate design ideas. This class is meant to foster creative growth, artistic expression and textual analysis as it pertains to the design of scenery. Letter grade. (Offered as needed.) 3 credits
TH 209 - Introduction to Stage Management	Prerequisite, first-year theatre major. This course is an introduction of the role of the stage manager within the live entertainment industry involving production from inception to completion. Students will learn basic stage management skills and techniques to prepare them to contribute to the production process as a stage manager with a focus on organization, leadership, and communication. Letter grade. (Offered fall semester.) 3 credits
TH 211 - Movement for the Performer	Prerequisites, TH 111 and theatre performance or screen acting major. This course is an exploration of stage movement based on work of masters such as Suzuki, Alexander, Feldenkrais, and Bogart. It may include physical character development, Kabuki theatre physical techniques, Noh theatre physical techniques, mask work, gestural communication, and proxemics. Sections may be designated by degree track and/or class standing. Letter grade. (Offered spring semester.) 3 credits
TH 213 - Tai-Chi for Theatre	Prerequisites, sophomore standing and screen acting or theatre or theatre performance major. This course consists of learning the art of the forty-four movements of Yang Tai-Chi. Students learn the movements of the Yang Tai-Chi form to enhance and explore their study of movement and acting. Letter grade. (Offered spring semester, alternate years.) 3 credits
TH 216 - Fundamentals of Character Building	Prerequisites for theatre major, sophomore standing, TH 112 Prerequisites for musical theatre minor, sophomore standing. This course is an exploration of building and performing characters that fall outside the student's physical/vocal type. The emphasis will be on creating characters based on the recognition of the student's internal emotional life, demonstrating characters based on the establishment of external vocal/physical adjustments, and interpreting characters based on script analysis. The course is designed for students pursuing the Bachelor of Arts in Theatre. Letter grade. (Offered fall semester.) 3 credits
TH 217 - Introduction to Acting and Movement for Singers	Prerequisite, MUS 106 This is an introductory acting and movement course designed for singers. Course work includes relaxation work, ensemble exercises, scene work, introduction to character building, and Stanislavski terminology and technique. (Offered every year.) 2 credits
TH 218 - Character Building for Performance	Prerequisites, TH 111 , TH 112 , theatre performance, or screen acting major. This is a course in character building and development for performance. The emphasis is on creating complex characters through the exploration of psychological, physical, and emotional behaviors characterized by the use of gesture, actions, inner emotions, external stimuli, vocal variance, human interactions, and the body. Students will expand their knowledge of "character" through character research, scene study, and written textual analysis. Sections may be designated by degree track. (Offered fall semester.) 3 credits
TH 220 - Basic Makeup for the Performing Artist	Prerequisites, theatre performance major, sophomore standing or consent of instructor. This course serves to introduce performing artists to the basics of makeup for the stage. Letter grade. (Offered spring semester.) 1 credit
TH 221 - Introduction to Theatrical Makeup	Prerequisites, theatre performance major, sophomore standing or consent of instructor. This is an introduction to theatrical makeup. Students study stage makeup design and artistic skills, including both painting and three dimensional make-up. Often there are special opportunities for practical experience on actual productions. Theatre majors are advised to take the course in their freshman or sophomore year. Letter grade. (Offered as needed.) 3 credits
TH 229 - Experimental Course	This course is designed to provide additional opportunities to explore experimental areas and subjects of special interest. It may be repeated for credit provided the course content is different. (Offered as needed.) 1-3 credits
TH 230 - Screen Acting I	Prerequisites, TH 111 , TH 112 , and theatre, or theatre performance, or screen acing major. This introduction to screen acting begins by analyzing the similarities and differences between stage and screen acting. Course work continues into exercises that instruct students on basic screen techniques and will evolve into introductory scene work in front of the camera. Sections may be designated by degree track and/or class standing. (Offered as needed.) 3 credits
TH 283 - Voice Production and Techniques I	Prerequisites, TH 111 , TH 112 , sophomore standing and theatre performance, or screen acting major. This is a course in the advanced principles of vocal production and stage usage. This course integrates a variety of production processes including Linklater, Berry, Alexander, Feldenkrais, and Fitzmaurice to develop alignment, respiration, phonation, resonance, and articulation for the actor. Some sections may be designated by degree track and/or class standing. (Offered every semester.) 3 credits
TH 290 - Independent Internship	Prerequisite, theatre major. The internship positions will offer actual working experience in the theatrical and entertainment industry. P/NP. May be repeated for credit. (Offered every semester.) ½-3 credits
TH 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
TH 299 - Individual Study	Prerequisites, freshman or sophomore standing only and consent of instructor. For students who wish to pursue a special area of study not included in the curriculum. To enroll in individual study and research, students must complete the individual study and research form (available from the Office of the University Registrar) and obtain the signatures of the department chair of the course and course instructor. Students should spend 40 to 50 hours in instruction and research for each credit of individual study. May be repeated for credit. (Offered every semester.) 1-3 credits
TH 301 - Drafting for the Entertainment Industry	Prerequisite, TH 100 This course will teach the standards and techniques for technical graphic communication within the entertainment industry, through the study of computer-aided drafting. Projects generated will include an emphasis in geometric constructions, plans, sections, elevations, orthographic and isometric projections. An introduction to drawing within a 3D environment will be provided during this course. (Offered fall semester, alternate years.) 3 credits
TH 302 - Advanced Stagecraft	Prerequisite, TH 201 , or consent of instructor. This course is designed as an introduction to advanced construction techniques, materials, and practices used within the entertainment industry. This course gives students training in rigging, pneumatics, hydraulics, electronics, automation and special effects; and provides opportunities for students to gain hands-on experience through realized projects. (Offered spring semester, alternate years.) 3 credits
TH 303 - Decorative Arts	Prerequisites, TH 100 , or consent of instructor. A survey of period architecture, art, and decorations as they apply in research and design for theatre, film, and television. (Offered spring semester, alternate years.) 3 credits
TH 304 - Costume Design	Prerequisite, TH 204 or consent of instructor. This course covers design and rendering techniques as well as research. Theme, character analysis and the process for producing a show in a costume shop will be examined. Care and maintenance of a campus production will be addressed. Letter grade. (Offered as needed.) 3 credits
TH 305 - Theatre Production	Prerequisites, TH 100 , TH 170 , consent of instructor. This course is designed for those students who have been given a significant creative, technical, management or administrative production responsibility in theatre production other than performance. Such roles may include, but are not limited to: stage manager, assistant designer, assistant director, dramaturg, master electrician, props coordinator, and other comparable roles. Pass/ No Pass. May be repeated for a maximum of 3 credits. (Offered as needed.) 1 credit
TH 306 - Advanced Theatrical Make-up	Prerequisite, TH 220 or TH 221 A continuation of TH 220 or TH 221 Covers face casting and beginning molding and bald cap application. Also addresses hair styling techniques for human and synthetic wigs, patterning for wigs and facial hair, care and maintenance of a campus production and hand tying and styling of a mustache. Letter grade. (Offered as needed.) 3 credits
TH 307 - Lighting Design and Technology	Prerequisite, TH 207 An in-depth study of lighting design and lighting technology utilized in the Entertainment Industry. Topics covered will include lighting design, system design, programming, busking, previzualization, Art-Net, Architecture for Control Networks, Remote Device Management, and show control. Emphasis will be placed on lighting design, programming, and current lighting technology. (Offered spring semester, alternate years.) 3 credits
TH 309 - Scene Painting	Prerequisites, TH 100 , sophomore standing, consent of instructor. This is a course in the basic techniques, materials and methods used in painting scenery for theatre, film, and television. This course offers practical, hands-on experience such as color theory, highlight and shadow, paint mixing, grid and layout, base painting, cartooning, lay-in painting, and detail painting. Letter grade. (Offered spring semester, alternate years.) 3 credits
TH 310 - Expression Theatre/Acting: Theatrical Expression (Cannes)	Prerequisites, language levels applicable: Elementary III (1st degree), Intermediate I, II, III (2nd degree), Proficiency (3rd degree). This course is taught in French. This course meets four to six hours per week and emphasizes rhythm and articulation of the French language employing a different, original "script" each month, written by the professor. Dramatic sketches, designed with roles suitable for all participants, use expressions and themes drawn from daily life and emphasize the sound of French as it is spoken. The number of hours per week is determined by the role assigned. Students who enroll in this course must pay a supplementary Fee to the College (approximately \$175 times two or three optional sessions per semester). (Offered every semester.) 3 credits
TH 313 - Theatre Performance	Prerequisites, junior standing, audition, consent of instructor. Designed for those students who have been given production or performance responsibilities in theatre productions. P/NP. May be repeated for a maximum of 6 credits. (Offered every semester.) 1 credit
TH 314 - Intermediate Stage Management	Prerequisite, TH 209 This course is an in-depth study of Actor's Equity Association contract and legalities, advanced rehearsal, technical rehearsal and performance scheduling and management; including dance, opera, musical theatre, and touring theatre. Students will be expected to Assistant Stage Manage or Stage Manage a Department of Theatre production. Letter grade. Fee: \$100. (Offered spring semester.) 3 credits
TH 315 - Acting Styles	Prerequisites, TH 218 , theatre performance major, or consent of instructor. This course will analyze, interpret, and explore acting styles. Students will study period manners, period movement, historical evidence, and the importance of period costumes as accepted and practiced in the 6th, 16th, 17th, and 20th centuries. Some sections may be designated by degree track and/or class standing. (Offered as needed.) 3 credits
TH 320 - Improvisation	Prerequisites, junior standing, and screen acting, or theatre, or theatre performance major. Improvisation aims to develop and expand students' imagination, range of expression, and to release them from self-consciousness by altering their attitude towards failure. Through a series of improvisation games, techniques, and theories exploring status, impulse, splitting-the-attention, give/take, clowning, masks, narrative structure, and character development, students will enhance skills used onstage and off (e.g., presence, flexibility, courage, compassion, team building, rapid idea generation, and problem solving). (Offered spring semester.) 3 credits
TH 321 - Meisner Technique	Prerequisites, TH 112 , TH 218 , and junior, or senior standing, or consent of instructor. This class explores the acting techniques developed by Sanford Meisner. Learning outcomes for the course include improvisational exercises, a system for analyzing text, and an understanding of basic Meisner concepts as demonstrated in class performances: repetition, activity, texted improvisations, and key facts/provocative phrases in text analysis. (Offered every year.) 3 credits
TH 322 - Acting Shakespeare I	Prerequisites, TH 111 , TH 112 , junior standing, or consent of instructor. This course provides students with a fundamental approach to playing Shakespeare. Particular emphasis will be placed on a rhetorical approach to test and punctuation utilizing Shakespeare's First Folio as the key to unlocking the text in a presentational actor/audience experience. (Offered spring semester.) 3 credits
TH 329 - Experimental Course (Same as TH 229)	1-3 credits
TH 330 - Screen Acting II	Prerequisites, TH 230 , screen acting major, or consent of instructor. This course will focus on intermediate acting techniques for screen. The student will participate in various exercises and perform on camera in two scenes. Some sections may be designated by degree track and/or class standing. (Offered spring semester.) 3 credits
TH 333 - Acting for Television Workshop	Prerequisites, TH 230 and theatre or theatre performance or screen acting major. Students will be guided through all areas of working with television directors and the demands of production. Students will work with student directors, under the guidance of both theatre and film/television faculty, on three short projects using state of the art equipment provided by Dodge College. Letter grade. (Offered as needed.) 3 credits
TH 335 - Actors and Filmmakers Workshop	Prerequisite, consent of instructor. Students will be guided through all areas of working with film directors and the demands of production. Students will work with graduate student directors and cinematographers, under the guidance of both theatre and film faculty, on short projects using state of the art equipment provided by Dodge College. May be repeated for credit. (Offered as needed.) 1-3 credits
TH 345 - Musical Theatre	Prerequisite, consent of instructor. This course will introduce and train actors in the performance style necessary for acting in musical theatre. It will include an overview of various musical theatre performance styles, and exploration of the performance of solo numbers and duets, a unit on scene work as it leads to musical performance, and directed performances. (Offered as needed.) 3 credits
TH 347 - Advanced Acting for Singers	Prerequisites, TH 110 , or TH 217 , and BM performance, vocal emphasis, or consent of instructor. This course is designed for singers to explore and apply advanced principles of acting and movement to performances of classical repertoire on stage and in recital. Students will develop skills for researching and imagining a character, defining strong acting choices and communicating with sound, body language and gesture. (Offered as needed.) 2 credits
TH 350 - London Theatre Tour	Prerequisite, sophomore standing. This course is an exploration of contemporary British theatrical productions with an emphasis on developing visual literacy and critical analysis. Students attend theatrical productions in London and Stratford, England. Fee: TBD. (Offered interterm.) 3 credits
TH 352 - New York Theatre Study Tour	Prerequisite, an interest in theatre and dramatic literature. This course is an exploration of contemporary New York City theatrical productions with an emphasis on developing visual literacy and critical analysis. Students additionally analyze the interconnectedness of local and global influences that contribute to the interculturalism within the New York Theatre community, as well as appraise and evaluate management strategies for pursuing and developing a successful career as a New York stage actor. Fee: TBD. (Offered interterm.) 3 credits
TH 369 - Dramatic Theory and Criticism	Prerequisites, TH 170 and theatre or theatre performance major or consent of instructor. This course is an intensive study of foundational and innovative dramatic theory and cultural criticism as applied to a range of classic and contemporary dramatic literature. Letter grade. (Offered spring semester.) 3 credits
TH 371 - Theatre History I - Antiquity to the Eighteenth Century	Prerequisites, TH 170 , or equivalent, and junior standing. This is a study of the history and historiography of theatre and dramatic literature from ancient Greece to the eighteenth century. Students will apply critical thinking and practical skills in individual and collaborative group research projects. (Offered fall semester.) 3 credits
TH 372 - Theatre History II - Eighteenth to Twentieth Centuries	Prerequisites, TH 371 , or equivalent and junior standing and theatre or theatre performance major. This is a study of the history and historiography of theatre and dramatic literature from the eighteenth to twentieth centuries. Students will apply critical and theoretical approaches to the study of recent theatre history in individual and collaborative group research projects. Letter grade. (Offered spring semester.) 3 credits
TH 373 - Dramaturgy	Prerequisite, TH 170 , or equivalent, or consent of instructor. This course explores the dramaturg's role in the development of new dramatic texts and live productions. Students will learn and apply the skills and theories of dramaturgy through viewing and analyzing professional live performances, attending guest lectures by dramaturgs and literary managers, conducting readings and engaging in class discussions, and participating in hands-on, collaborative production projects. (Offered spring semester, alternate years.) 3 credits
TH 374 - Theatre for Social Change	Prerequisites, TH 170 and screen acting or theatre or theatre performance major. In this course, students will explore and engage in Theatre of the Oppressed and other theatre methods currently being applied in various non-traditional theatrical settings in order to generate dialogue on hot-button issues and also to facilitate social, political, and/or restorative change. Letter grade. (Offered spring semester, alternate years.) 3 credits
TH 375 - Theatre Management	Prerequisites, TH 100 , TH 170 , and theatre, or theatre performance, or screen acting major, or consent of instructor. This course will examine the business side of theatre through discussion and study of theatre management techniques, arts administration, accounting practices, box office and front-of-house procedures, marketing, publicity, and personnel. The differences and similarities of commercial theatre versus not-for-profit theatre will also be addressed. (Offered spring semester, alternate years.) 3 credits
TH 377 - Playwriting	Prerequisite, TH 150 , or TH 170 , or consent of instructor. This course is an introduction to the art and craft of dramatic writing for the stage in which the student will study structure, theme, and character while pursuing a completed one-act play. Students work one-on-one with their instructor, meeting every week for teaching/discussion. (Offered every semester, reading and conference only.) 3 credits
TH 378 - Methods of Teaching Drama	Prerequisite, TH 170 This is a foundational course on the use of drama with young people as an educational medium in both formal classroom teaching and teaching in the community. The class involves significant participation, both participating in creative exercises and facilitating them, as well as site visits, textbook and outside readings, and writing projects on the subject of educational drama. Letter grade. (Offered fall semester.) 3 credits
TH 379 - Text Analysis and Scene Study for Performance	Prerequisites, TH 111 , TH 112 , TH 218 , all three with a grade of "B" or higher, junior standing, and theatre performance, or screen acting major. This course is an exploration of text analysis (the study of the language within the script) and scene study (the study of the structure of the script) for performance. The course will enable the students to create a personal approach to play analysis that fosters unique performances that serve the theatrical demands of the playwright and the production. Sections may be designated by degree tracks. (Offered fall semester.) 3 credits
TH 388 - Directing for the Theatre I	Prerequisites, TH 100 , TH 170 , junior standing, and theatre, or theatre performance, or screen acting major. This course is a close, practical examination of the craft of play direction. Production techniques are covered as an essential part of the overall subject. The student director solves specific problems through the direction of scenes. This course includes a laboratory component. (Offered fall semester.) 3 credits
TH 389 - Directing for the Theatre II	Prerequisites, TH 388 , and theatre, or theatre performance, or screen acting major. This course continues the practical examination of the craft of play direction. It continues production techniques as an essential part of the overall subject. The student director solves specific problems through the direction of scenes. Emphasis is placed on play analysis and structure. Each student will direct a one-act play. (Offered spring semester.) 3 credits
TH 392 - Technology for Live Performance	Prerequisite, consent of instructor. An interdisciplinary course designed to allow students the opportunity to develop the skillsets needed to implement the most current technology into live performances. Through this collaborative setting, students will not only learn theory and how to utilize technology, but they will be provided with the opportunity to develop realized projects while developing much needed collaboration and interpersonal skills. Some sections of this course will be taught with DANC 392 May be repeated for credit. (Offered spring semester.) 3 credits
TH 399 - Individual Study	Prerequisite, consent of instructor. May be repeated for credit. (Offered as needed.) 1-3 credits
TH 401 - Emerging Technologies for Live Entertainment	Prerequisite, TH 100 , or consent of instructor. This is a study of the technology used for live productions. This course will allow students to understand entertainment control system design concepts while interfacing with the most current technology in the entertainment industry. (Offered fall semester, alternative years.) 3 credits
TH 406 - Study in Theatrical Design	Prerequisite, TH 204 , or TH 207 , or TH 301 , or consent of instructor. This is an individual study/seminar course in one or more areas of theatrical design: set, lighting, costume, and sound. This course is designed to prepare students for further study into a specific design area. Students will gain an understanding of the materials and techniques used for design and presentation in the theatrical environment. (Offered on a Reading and Conference basis only.) 3 credits



TH 409 - Advanced Stage Management	Prerequisites, TH 308 , theatre major. This course will specialize in preparing students with advanced stage management skills and techniques for preproduction, production, rehearsal, and performance. Focusing on personalized work sessions, the course will assist students in their process of successfully running a theatrical production from beginning to end. Letter grade. (Offered spring semester.) 3 credits
TH 410 - Acting Shakespeare II	Prerequisites, TH 210, and theatre, or theatre performance, or screen acting major, or consent of instructor. This course is a continuation of the first semester approach to the Fundamentals of Acting Shakespeare. Continued emphasis will be placed on a rhetorical approach to text and punctuation utilizing Shakespeare's First Folio as the key to unlocking Shakespeare's clues for actors. An examination of "words into phrases" and figures of speech will be added as well as an approach to utilizing technique acquired in the first semester to sonnets and scene work. Some sections may be designated by degree track and/or class standing. (Offered fall semester.) 3 credits
TH 411 - Voice Production and Techniques II	Prerequisites, TH 311 , theatre performance major, or consent of instructor. This is a course in the principles of speech as designated by the International Phonetic Alphabet (International Phonetic Association). It integrates a variety of speech and vocal processes including Linklater, Fitzmaurice, and Machlin and the use of stage accents to further develop phonation, resonance, and articulation for the actor. (Offered spring semester.) 3 credits
TH 415 - Advanced Acting Styles	Prerequisites, TH 218 , TH 315 This course includes advanced work in specific acting styles including work from Bernard Shaw, Bertolt Brecht, Noel Coward, Harold Pinter, Anton Chekov, and Samuel Beckett. All periods and styles will be utilized in this investigation of problems and techniques particular to each period and style. (Offered as needed.) 3 credits
TH 419 - The Actor Process: From Rehearsal to Performance	Prerequisites, TH 379 , theatre performance major. This course provides Bachelor of Fine Arts in Theatre Performance candidates with the opportunity to research professional level rehearsal and performance techniques. A theatrical project is created, cast, rehearsed, and performed to allow students the opportunity to test their research in a lab experience while building and maintaining a performance. (Offered spring semester.) 3 credits
TH 429 - Experimental Course	This course is designed to provide additional opportunities to explore experimental areas and subjects of interest. It may be repeated for credit provided the course content is different. (Offered as needed.) 3 credits
TH 455 - Topics in Theatre	Prerequisites, TH 170 , or equivalent, and screen acting, or theatre, or theatre performance major, or consent of instructor. This is a special topics course. Each topic will have a specific syllabi and bibliography. This course includes the study of specific time periods; styles of works, actors, or writers of theatre; or special topics in acting, technology or other areas of theatre. Research and analysis will be emphasized. May be repeated for a total of 6 credits when topics vary. (Offered as needed.) 3 credits
TH 476 - The History of Acting in American Film from 1890 - 1970	The course examines the history of acting in American film from the invention of cinema to 1970. (Offered spring semester.) 3 credits
TH 477 - Advanced Playwriting	Prerequisite, TH 377 , or consent of instructor. This is an advanced course in the techniques of dramatic writing. It is expected that the student will have already written a play. Special problems and modern approaches to writing for theatre will be covered as the student writes a full-length play in a one-to-one situation with the instructor. (Offered every semester, reading and conference only.) 3 credits
TH 489 - One Act Play Production Workshop	Prerequisites, theatre major, consent of instructor. Students in the workshop will produce a bill of one-act plays during the spring semester only. Student responsibilities cover all aspects of production including directing, designing, stage management, marketing and technical direction. Students who wish to direct must have completed TH 389 Topics vary each year with plays chosen and production roles assigned. May be repeated once for credit. (Offered spring semester.) 3 credits
TH 490 - Independent Internship	Prerequisite, consent of instructor. P/NP. May be repeated for credit. (Offered as needed.) ½-3 credits
TH 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. P/NP or letter grade option with consent of instructor. May be repeated for credit. (Offered every semester.) 1-3 credits
TH 497A - The Business of Acting	Prerequisites, TH 379 , senior standing and screen acting or theatre performance major. This course will offer preparation and practical experience in auditioning for professional theatre, film/television, and related media and an in-depth analysis of the business elements of an acting career. Letter grade. (Offered fall semester.) 3 credits
TH 497B - BFA Showcase	Prerequisites, TH 497A , senior standing, theatre performance major, or consent of instructor. This course, along with TH 497A , is the capstone for all BFA Theatre Performance majors. This course includes preparation of scene work and will offer opportunities to present and interact with industry professionals in Los Angeles. P/NP. (Offered spring semester.) 3 credits
TH 498 - Senior Seminar	Prerequisites, BA theatre major, senior standing. This is a capstone course in the theatre major for which each student will complete an individually designed creative/scholarly project (pending faculty approval). Students will also engage in a variety of professional development exercises and meetings with industry professionals in preparation for the transition to post-graduation careers. (Offered fall semester.) 3 credits
TH 498A - Senior Seminar: Professional Development	Prerequisites, BA theatre major, junior standing. This course begins a two semester capstone course during which each student will complete an individually designed creative/scholarly project (pending faculty approval). In section TH 498A students will begin to conceptualize, research, write about and prepare for their thesis project while beginning steps towards professional development. (Offered spring semester.) 1 credit
TH 498B - Senior Seminar: Thesis	Prerequisites, TH 498A , BA theatre major, senior standing. This course is the culmination of a two-semester capstone course for which each student will complete an individually designed creative/scholarly project (pending faculty approval). In section TH498B students will continue research as they fully conceptualize and creatively execute their thesis project while also engaging in a variety of professional development exercises and meetings with industry professionals in preparation for the transition to post-graduation careers. (Offered fall semester.) 2 credits
TH 499 - Individual Study	Prerequisite, consent of instructor. Individual research and projects. May be repeated for a maximum of 6 credits. (Offered every semester.) 1-3 credits
VRAR 120 - The Landscape of Emerging Media	A critical and historical analysis of the emerging media landscape through lecture, discussion, viewing of film and video excerpts and guest speakers. The development of immersive content and technology is examined from artistic, social, ethical, and political perspectives. Letter grade. (Offered as needed.) 3 credits
VRAR 210 - Introduction to VR and AR	Prerequisite, VRAR 120 An exploration of the fundamental creative, technical and logistical challenges of shooting immersive media productions. Letter grade. Repeatable for credit if the topic is different. Fee: \$300. (Offered every semester.) 3 credits
VRAR 310 - Overview of Post-Production for Emerging Media	This lecture/demonstration course will provide an understanding of the post-production processes for emerging media from both a creative and technical perspective. Students will follow the post-production workflow from capture, image manipulation, programming, and audio design through delivery to the formats in which the final product is released. Along the way, they will look at the technical and practical aspects of each step of post-production, focusing on how each step can play a key role in the viewer experience. Due to the rapidly evolving nature of emerging media, this course will initially focus on VR, but is subject to change. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
VRAR 320 - Spatial Audio Design	Spatial audio is a necessity in designing immersive VR experiences. This course will explore the emerging field of 3D sound design for both 360 video and game engine-built VR using a digital audio workstation, game engine, and 3D audio plugins. Fee: \$300, (Offered as needed.) 3 credits
VRAR 329 - Experimental Course	Experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, prerequisites, and credits may vary. Some courses require student lab fees. Specific course details will be listed in the course schedule. Letter grade. Repeatable for credit if the topic is different. Fee: TBD. (Offered as needed.) 3 credits
VRAR 330 - Immersive Cinematography	Students will explore and test an array of professional-quality 360 and VR cameras, determining the correct camera choice for a variety of specific situations. Fee: \$300. (Offered as needed.) 3 credits
VRAR 350 - Storytelling in Immersive Media	Students develop storytelling techniques for emotionally-engaging stories in a variety of scripted formats, including narrative, documentary, news and commercials, designed for VR and AR. Letter grade. Fee: \$75. (Offered fall semester.) 3 credits
VRAR 490 - Independent Internship	Offers students an opportunity to earn credit and learn professional skills "on the job" by working for a studio, network, production company, newsroom, etc. A minimum of 40 hours of work for each credit is required. Pass/No Pass. May be repeated for credit. (Offered every semester.) ½-6 credits
VRAR 494 - Advanced VR/AR Workshop	Prerequisites, VRAR 120 , VRAR 210 This course provides students with advanced training in the tools and methods of visual storytelling within VR and AR formats. The media used will be the latest viewing formats and most advanced spherical cameras, as well as the latest CG techniques evolving in the VR world. The course will culminate in an original concept created by each student or group of students rendered as a complete VR or AR media portfolio showpiece. Letter grade. Fee: \$300. (Offered spring semester.) 3 credits
WLC 310 - Japanese Film History	This course provides an analytical survey of Japanese film history. From its birth in actuality and benshi-narrated silent films, Hollywood-inspired "pure films," interwar comedy, wartime propaganda, the post-war flourishing of melodrama, to a rise of New Wave auteurs within studios. All the reading and discussion will be in English. Letter grade. (Offered as needed.) 3 credits
WGST 101 - Introduction to Women's and Gender Studies	This course introduces students to the field of women's and gender studies, an interdisciplinary, interdepartmental area of inquiry that applies feminist theories in examining women's own perspectives of their diverse experiences. Students explore the intersection of gender with other social categories such as ethnicity, race, class, sexuality, and cultural difference. Letter grade with Pass/No Pass option. (Offered every semester.) 3 credits
WGST 291 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered every semester.) 1-3 credits
WGST 299 - Individual Study	Prerequisites, WGST 101 , women's and gender studies minor, freshman or sophomore standing only, and consent of instructor. Students will learn to explain and discuss women's studies issues and feminist theory as it relates to their own specific subject interest. Student will submit a research paper and perform at a 200-division level. 3 credits of this course will contribute to the Women's Studies Minor degree, which provides an overview of the interdisciplinary approaches to the study of women and gender inequality; cultural representations of women and their social roles; and the social axes of gender, race, class and sexuality. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered as needed.) 1-3 credits
WGST 310 - Feminist-Art-Theory-Power (Same as SOC 310) Prerequisite, SOC 101 or ANTH 102 or WMST 101 or WGST 101 or	From Botticelli to Maxim, perhaps nothing has been more favored as an artistic subject- more glorified, nor more reviled- than the female body. The "canon" of Western art as well as much contemporary visual culture systematically casts women as muses and objects, rather than as artists, creators, and agents themselves. This course focuses on and derives its spirit from the Women's Art Movement of the 1970s in the US and utilizes feminist theory to rupture the "canon," to interrogate contemporary visual culture, and to explore social activism and the revolutionary power of art and feminism. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
WGST 320 - Black Feminisms (Same as AFST 320)	3 credits
WGST 329 - Experimental Course	Women's and gender studies experimental courses are designed to offer additional opportunities to explore areas and subjects of special interest. Course titles, Prerequisites, and credits may vary. Some courses require student fees. Specific course details will be listed in the course schedule. Letter grade with Pass/No Pass option. Repeatable for credit if the topic is different. Fee: TBD. (Offered as needed.) ½-3 credits
WGST 399 - Individual Study	Prerequisites, WGST 101 or WMST 101 , junior standing, consent of instructor. Individual study and research is offered to students to research particular topics that are not provided for by regular curriculum offerings. Letter grade with Pass/No Pass option. (Offered as needed.) 1-3 credits
WGST 450 - Postcolonial Women Writers (Same as SOC 450) WGST 101 or WMST 101 or SOC 101 or ANTH 102 or HIST 160 or	This course analyzes postcolonial literature written by women authors of Africa, the Caribbean, India and elsewhere. Specific authors include works by Ama Ata Aidoo, Tsitsi Dangarembga, Assia Djebar, Buchi Emecheta, Bessie Head, Jamaica Kincaid, and Octavia Butler. Students will become familiar with the broader issues of postcolonial studies, as well as how the post-colonial condition is illuminated in women's literature. Examines the cultural, historical, and geopolitical context that informs each postcolonial work; explores the narratives themes of identity and hybridity, discourses of self and nation, gendered and racialized experience, the politics of motherhood and reproduction, sexual politics, memory, and resistance in both historical terms and in various applications to contemporary contexts. Students will develop an advanced understanding of key concepts in postcolonial theory and feminist studies, and interrogate the concept of the 'double-colonization' of women of color. Students will learn to pay special attention to the complex relationship between forms of gender oppression and imperialism (e.g., as analogues of domination, as overlapping techniques of control). This course takes as its premise that knowledge-production about the 'Other'-both scientific and literary discourses- are central not only to technologies of imperial power and oppression, but also that the writing and reading of "postcolonial" and "feminist" texts offer powerful transformative strategies for opposition and liberation. Letter grade with Pass/No Pass option. (Offered every year.) 3 credits
WGST 491 - Student-Faculty Research/Creative Activity	Prerequisite, consent of instructor. Students engage in independent, faculty-mentored scholarly research/creative activity in their discipline which develops fundamentally novel knowledge, content, and/or data. Topics or projects are chosen after discussions between student and instructor who agree upon objective and scope. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered every semester.) 1-3 credits
WGST 498 - Women's and Gender Studies Senior Seminar	Prerequisites, WGST 101 or WMST 101 , senior standing, or consent of instructor. Students will explore feminist theory as a social, cultural, and political critique, and feminist methodology as ways of knowing about the world and women's lives. Students will examine current debates in feminist theory, and consider knowledge in the disciplines, how such knowledge is traditionally produced and used, as well as how it is resisted and reconstituted through feminist inquiry. This course is the capstone experience for the women's and gender studies minor. Letter grade with Pass/No Pass option. (Offered spring semester.) 3 credits
WGST 499 - Individual Study	Prerequisites, WGST 101 or WMST 101 , senior standing, consent of instructor, approval of petition. Directed reading and/or research designed to meet specific needs of superior upper-division students. Letter grade with Pass/No Pass option. This course may be repeated for credit. (Offered as needed.) ½-3 credits