

Course Descriptions for 100- and 200-Level Classes

Fall 2026 Academic Catalog

Document Overview

This catalog contains official course descriptions for all approved 100- and 200-level undergraduate courses offered in Fall 2026. The information has been compiled and verified against the current academic curriculum to support registration, academic advising, and student planning.

Courses are organized alphabetically by department and include titles, prerequisites, and catalog descriptions copied directly from the official 2026-2027 curriculum.

AFRICAN AMERICAN STUDIES (AFAM)

AFAM 110: Intro to African American Studies

This course provides an overview of African American history and culture. Topics include major events, persons, and issues spanning the period from the African heritage to contemporary times. Students survey the evolution of African American expressive culture in music, literature, film, art, and dance. The course includes lectures, discussions, and video presentations.

(This course satisfies Humanities and Domestic Pluralism.)

AFAM 200: Black Politics and Protest

This course traces moments in the history of Black America's quest for freedom and survival. This course analyzes how Black political movements have operated in relation to, and in response to, segregation, (un)employment, housing, policing and incarceration, voting rights, health, education, and law. Consequently, this course examines how state repression has responded to, neutralized, and liquidated Black movements and the people that led them. While the focus is primarily on Black American politics and struggle, this course also showcases how Black political engagement has always been globally linked with struggles for liberation across Africa and the Caribbean, Latin and South America, Europe, and Asia. From slavery and abolition, the Civil War and Reconstruction, Jim Crow and Civil Rights, neoliberalism and war, to the election of Barack Obama in 2008, we examine the cultural, social, and political depth that Black people have carved in a history of American political discourse. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

Cross Listed: POLS 282

AFAM 202: African American History 1619-1865

This course surveys the history of African Americans in the New World, from the first colonial encounter through the sociopolitical changes of the burgeoning United States that led to the Civil War (1861-1865). The history of African Americans in the United States is often defined by the chattel slavery experience. However, the early years of American history that made people of African descent American are much more complex. By centering the actions and voices of the heterogeneous African American community, this course examines topics including the Middle Passage, domestic slavery expansion, free and maroon black communities, various resistance strategies, interracial coalitions, and the role of enslaved people in bringing about their own emancipation. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

Cross Listed: HIST 202

AFAM 214: James Baldwin

In his powerful and moving novels and essays, James Baldwin confronted the lies America told itself about race, exposing the roots of social and political and cultural systems that superficially boasted of improving race relations but that instead continued to marginalize Black and brown bodies. This course offers a close reading of Baldwin's fiction and his essays, probing the ways that he provides a critique of the politics of race, sexuality, and nation in his own time and in ours. The course also includes readings and discussions of critical analyses of Baldwin's writings. No prerequisites.

(This course satisfies Domestic Pluralism and Writing Intensive.)

Cross Listed: ENGL 214

AFAM 216: African American Literature I

This course is an introduction to the writings of African Americans before the Civil War. These diverse documents tell tales of faith, perseverance, rebellion, suffering, freedom, independence, cunning, and patriotism that are an integral part of the American literary canon. We read a collection of classics together, compare and contrast the voices represented, and consider the diversity of responses to finding oneself in chains in one of the most brutal forms of chattel slavery the world has ever known. Voices studied include Douglass, Wheatley, Jacobs, Brown, Wilson, Walker, Turner, and Thurman.

(This course satisfies Domestic Pluralism and Writing Intensive.)

Cross Listed: ENGL 216

AFAM 240: Street Memoirs

Often overlooked, and yet an important part of the African American literary tradition, the African American "street" memoir is the subject of this course. We will read memoirs written by Black American gangsters, hustlers, pimps, and other "street"

characters. These rigid accounts of Black urban life testify to the socio-historical and artistic realities that reveal broader connections to racism and poverty, capitalism and accumulation, bondage and movement, sexism and violence, and, ultimately, punishment and death. This course emphasizes the cultural and intellectual value of reading Black street memoirs from some of the community's most undercast and maligned figures, and it provides an opportunity for critical engagement with the nuances, precarities, and possibilities of the making and shaping of Black life in 20th-century North America. Authors under investigation include Iceberg Slim, Donald Goines, Stanley "Tookie" Williams, and others. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

AFAM 272: African American Philosophy

This course is an introduction to African American contributions to traditional areas of philosophy, such as metaphysics, epistemology, political philosophy, and aesthetics. Simultaneously, it serves as an introduction to the many ways that the lived experiences of African Americans, from the Transatlantic Slave Trade to the Black Lives Matter Movement, have created new opportunities to challenge traditional philosophical narratives. We pay special attention to the unique ways in which African American philosophical concepts, theories, problems, and methods constitute both a "philosophy born of struggle," as Leonard Harris argues, and a new tradition within Western philosophy. Major philosophers we may study include Cornel West, Angela Davis, Tommy Curry, Joy James, and Alain Locke.

(This course satisfies Humanities and Domestic Pluralism.)

Cross Listed: PHIL 272

AFAM 275: Black Her-story

This course looks at the history of Black people and culture in the United States with a special focus on those who identify as Black women. From Harriet Tubman to Alicia Garza, Bessie Smith to Beyonce, this course examines how the intersectional identities of Black women have enriched racial freedom struggles and the fight for women's rights, among other issues. We will use "A Black Women's History of the United States," the 2020 book by award-winning Black women historians, Daina Ramey Berry and Kali Nicole Gross, as the main textbook, and read other historical texts by Black women as well. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

Cross Listed: HIST 275

AFAM 283: Race, Class, Gender, and the Media

Race, class, and gender occupy important places in the contemporary study of the

media. This course explores the connections between race, class, and gender through the exploration of the intersections between these important components of social structure and ideology. The motivating goal in this course is to show students how social structure and meaning become intertwined elements in how we experience race, class, and gender. An important element in this course will be the emphasis on the identities and positions of relatively less empowered groups in contemporary society. This will be done through a focused consideration of structural and ideological elements of contemporary culture as found in: the media industry, journalism, social constructions of reality, music, film, television, radio, and the internet.

(This course satisfies Social Science and Domestic Pluralism.)

Cross Listed: COMM 283

ARTIFICIAL INTELLIGENCE

AISG 110: Introduction to AI Studies

(Introduction to Artificial Intelligence Studies) This course introduces students to Artificial Intelligence as a cultural and ethical force, examined through the humanities. Students will explore how AI reflects and challenges human values, drawing from literature, philosophy, and history to ask foundational questions about intelligence, agency, and personhood. Alongside these perspectives, the course provides essential context on the current AI landscape: key technologies, industry players, risks and safety concerns, and emerging approaches to regulation. This course examines these factors as cultural artifacts—exploring how power, bias, and imagination influence the systems we construct. Students also study the history of machine learning and AI technologies, allowing for more informed and humanistically grounded critique. Designed as the entry point to the AI minor, the course invites students to think critically and creatively about one of the defining technologies of the 21st century.

ARABIC (ARBC)

ARBC 110: Beginning Arabic I

Students will learn to read, write and understand Modern Standard Literary Arabic, and to use the language in basic conversation, including exchanging courtesies, meeting people, asking questions and providing information. No prerequisite.

(This course satisfies Humanities.)

Cross Listed: ISLM 110

ARBC 210: Intermediate Arabic

Students will advance their knowledge of reading, writing and speaking basic Modern Literary Arabic as well as their understanding of the use of language in cultural context. Prerequisite: ARBC 112 or equivalent.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: ISLM 210

ART (ART)**ART 105: Intro to Digital and Studio Arts**

In this introductory level course, students learn to analyze, discuss, and produce work in digital and hands-on artistic environments. This course is recommended for students who are interested in fulfilling their Creative and Performing Arts requirement in the Forester Fundamental Curriculum or for students who have curiosity about art and want to learn more. Students spend half of the semester in the computer lab learning about digital arts practices and the other half inside the studio using hand-on techniques and methods. Students engage in theories, processes, techniques and tools used in the production of art. Students interested in a major or minor in New Media Art and Design, Studio Art, or Art History are advised to take ART 130 Elements of Design and ART 142 Digital Design Foundations.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

ART 130: Elements of Design

Elements of Design is a foundational course for further studies in visual arts and is designed to strengthen skills, techniques, and craftsmanship. Hands-on practice is coupled with an in-depth understanding of the fundamentals of visual art and design. This course is a prerequisite for most courses in the Studio Art or New Media Art and Design tracks. Students who have an interest in visual arts but have limited training are encouraged to take ART 105. Course Fee Applies.

(This course satisfies Creative & Performing Arts.)

ART 131: Studio Art: Drawing

Using drawing as a means to translate the 3-dimensional world into 2 dimensions, students in this course are able to gain a critical understanding and a vocabulary of the visual world. Through the use of fundamental techniques and concepts such as line, value, and composition, students examine and develop themes to communicate their ideas visually. This course reinforces the ability to focus and develop confidence in improvisation and experimentation in visual studies. Students who have an interest in visual arts but have limited training are encouraged to take ART 105. Course Fee Applies.

(This course satisfies Creative & Performing Arts.)

ART 142: Digital Design Foundations

Through formal exercises of the principles and elements of art and design, Digital Design Foundations students explore visual ideation and craftsmanship in digital arts. The curriculum decodes important aspects of digital production and helps students build confidence, skills, and craftsmanship. This course blends concepts in visual and media culture to understand art and design within a historical context. Students who have an interest in visual arts but have limited training are encouraged to take ART 105. No Prerequisites. Course Fee Applies.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

ART 232: Drawing from Nature

Close observation is the foundation of scientific inquiry. It is also key to making art. In this course, students use their surroundings—from microscopic organisms to the Lake Forest campus ecosystem—as a source of discovery and inspiration for making drawings. Working with a variety of materials, students develop their abilities to observe and interpret nature, in forms ranging from leaves to the human body. Students learn about the work of artists working historically and today; study scientific illustrations; and learn how to create them. Throughout, we move between spaces, including the Drawing Studio, Environmental Studies lab, and distinct environments on campus (e.g., wooded ravines and Shooting Star Savanna). The course is designed for all levels, beginning through advanced.

(This course satisfies Creative & Performing Arts.)

Cross Listed: ES 232

ART 240: Digital Photography

This introductory course familiarizes students with the fundamental concepts and practice of digital photography. Students use the basic elements of the camera - the lens, the shutter, and the aperture - as well as the inventive use of lighting, to create images that are processed through the digital environment of the computer lab. The course addresses aesthetic principles as they relate to composition, space, exposure, light, and color. Processing of images includes learning to control scale, color, file size and resolution while moving from digital image to printed document. Students also learn an introduction to photographic history and visual literacy. No prerequisites. Course Fee Applies.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

ART 241: Data is Beautiful

Data visualization is the art of storytelling in a graphical medium. This studio course teaches students how to better understand, analyze, and communicate with data in order to tell engaging visual stories. Students will learn to transform qualitative and

quantitative information into appealing aesthetic forms, learn to evaluate the effectiveness of visualization designs, and think critically about design decisions to convey information effectively and intuitively. Students start with traditional drawing materials and then expand into digital tools such as Illustrator, Photoshop and the creative coding environment, Processing. No prerequisites. Course Fee Applies.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

ART 253: Graphic and Digital Design

Graphic Design focuses on the development of graphic communication skills for print and web-based formats. Students will learn to successfully integrate image and text while building professional design practices. In this course, the development of skills with design software and hardware is integrated with critical thinking and visual culture. Students in Graphic Design work towards achieving impactful visual communication and effective use of design principles. Prerequisites: Art 130 and Art 142. Course Fee Applies.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

ART 285: Graphic and Digital Design

Creative Arts Entrepreneurship will offer an overview of the processes, practices, and decision-making activities that lead to the realization of our creative ideas. Students from across the humanities, arts, sciences, and business will learn the unique contexts and challenges of creative careers, with an emphasis on collaborative projects. The course will help students understand the nature and structure of arts enterprise while cultivating their own career vision and creative goals. Creative Arts Entrepreneurship is designed for students interested in developing, launching, or advancing innovative enterprises in arts, culture, and design, and those who love the initiative, ingenuity and excitement of putting creative ideas into action. The course combines readings and in-class discussions with site visits, case studies, guest lectures by working artists and creative professionals, and student-driven projects. No prerequisites.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

Cross Listed: MUSC 285, ENTP 285, ENGL 285, THTR 285

ART HISTORY (ARTH)

ARTH 110: Intro to Visual Arts and Design

(Introduction to Visual Arts and Design) This course introduces students to the subject of art history and the major questions and methods of the discipline.

Students will not only learn foundational issues, such as composition, medium, and

basic interpretive skills, but also the ways in which art, architecture, and design are defined and have operated in cultures across time. The principal aim of the course is to give students the opportunity to analyze and write about works of art. This is the recommended first course in Art History and is required of all Studio Art and Art History majors and minors, although students of all disciplinary backgrounds and skill levels are welcome.

(This course satisfies Humanities.)

ARTH 200: New Media Art and Design

(Survey of New Media in Art, Design, Technology and Culture.) New media is at the cutting edge of the production of art and design. But what is it and how does it help shape visual cultures and societies around the world? This course takes a humanistic, global approach to learning about this dynamic topic. Theories of new media help us understand the technological and information revolution. Art and new media have become integral parts of our changing societies. Theoretical, practical, and cultural ideas such as Postmodernism, The Anthropocene, and Post-humanism are examples of ways to understand the influence of New Media in our world. No prerequisites.

(This course satisfies Humanities and Global Perspective.)

ARTH 210: Art of Ancient Mediterranean World

Painting, sculpture, and architecture of ancient civilizations of Egypt, Mesopotamia, Greece, and Rome.

(This course satisfies Global Perspectives.)

ARTH 220: History of Architecture

Evolution of architectural style and thought from antiquity to the present.

ASIAN STUDIES (ASIA)

ASIA 110: Beginning Chinese I

(Beginning Chinese Language I, in Cultural Context) This course is for students with no previous knowledge of Chinese. Students will learn the rudiments of both spoken and written Chinese (Mandarin) in cultural context. The course exposes students to aspects of traditional Chinese culture via experiential learning; it integrates language learning with cultural experiences which may include the practice of Chinese calligraphy, traditional Chinese painting and Kungfu, singing Peking opera, learning the traditional Chinese game of Go and immersive excursions to Chicago's Chinatown.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: CHIN 110

ASIA 111: Beginning Japanese I

An introduction to the form of spoken Japanese along with Japanese customs and culture. Most of the fundamental structures are covered in Japanese 110 and 112, together with writing practice in the hiragana and the katakana syllabaries. 112 is a continuation of 110. Lab work is an integral part of the sequence. No prerequisites.

(This course satisfies Humanities.)

Cross Listed: JAPN 110

ASIA 200: Origins of East Asia

Introduction to the great civilizations of China and Japan, with emphasis on development of their fundamental characteristics. Highlights both shared traditions and significant differences between the two countries. No prerequisites.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: HIST 212

ASIA 210: Intermediate Chinese

This course will continue the fundamentals of Chinese conversation begun in the first-year series, Chinese 110 and 112, and continue work on reading and writing the language. Extensive oral practice and conversation exercises are stressed. Classes will be supplemented with laboratory exercises and written work. Prerequisite: CHIN 112 or equivalent.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: CHIN 210

ASIA 211: Intern Japanese in Cultural Context

(Intermediate Japanese in Cultural Context.) This course continues the fundamentals of Japanese conversation begun in the first-year series, Japanese 110 and 112, and continues work on reading and writing the language. Extensive oral practice and conversation exercises are stressed. Classes are supplemented with audio materials and exercises and daily written work using hiragana, katakana, and kanji. This course also familiarizes students with Japanese society, customs, and culture. Students will make a researched presentation concerning a specific topic of interest related to Japanese culture, customs, society, politics, or the economy. Prerequisite: Japanese 112 or consent of instructor.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: JAPN 210

ASIA 286: Modern Japan

From the founding of the last shogunate, the Tokugawa, in 1603 to its present status as an economic giant among the nations of the Pacific. Attention to the achievements as well as the undeniable sufferings and costs incurred during Japan's drive toward great power. No prerequisites.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: HIST 262

BIOLOGY (BIOL)**BIOL 103: Human Biology**

This course examines the structure and function of many of the major organ systems of the human body. In so doing, it will introduce students to a range of important topics related to human beings. These will include the nature of science as a discipline, and the biological basis of health, disease, nutrition, exercise, sensation, and reproduction.

(This course satisfies Natural Science.)

BIOL 105: Public Health

Food poisoning outbreaks, strains of antibiotic-resistant bacteria, and the rise of infectious diseases including AIDS and TB have brought new awareness and the realization that public health is not just a concern of Third World countries. These and other topics including environmental factors that influence health, vaccine schedules, and how antibiotics work will be covered. Lectures, discussions, and student group projects. Three hours per week.

(This course satisfies Natural Science.)

BIOL 106: Nutrition and the Human Body

American culture is obsessed with food, but what do we really know about food? This course will explore multiple biological aspects of food. The course will begin with basic nutrition and then study diets, vitamins, and other supplements to determine if they really work. The biological, genetic, and environmental aspects of disorders such as obesity, anorexia, diabetes, heart disease, and cancer will be examined. The safety of food has become a greater concern in society due to genetic engineering, irradiation of food, use of pesticides, and food-borne illnesses such as 'mad cow' and E. coli. These risks will be studied. The course will conclude with an exploration of the effects of meat- or grain-based diets on the environment.

(This course satisfies Natural Science.)

BIOL 112: Learning About Our World

Learning About Our Living and Physical World) This course examines selected topics in life science, earth science, and physical science, such as the human body and its functions; ecosystems; weather; the physical and chemical properties of matter; energy and motion of objects; and components of the solar system.

Designed primarily to provide elementary education majors with the necessary background for teaching in K-8 schools, the course is appropriate for other students interested in strengthening their knowledge and confidence in investigating fundamental concepts and ideas in science. Students participate in lectures, discussions, presentations and projects, and laboratory activities. Does not satisfy requirements for the biology major.

(This course satisfies Natural Science.)

Cross Listed: EDUC 112

BIOL 120L: Organismal Biology

This course will address the organization and function of multicellular organisms. Although focused primarily on plants and animals, other kinds of organisms will be discussed. Regulation, homeostasis, and integration of function; nutrient acquisition, processing, and assimilation; photosynthesis; gas exchange; reproductive patterns; and development are all topics that are included in this course. Readings from an introductory text and the secondary and primary scientific literature will be required. Students must also register for a lab. Prerequisite: Science placement test required. Please see the Requirements page on the Biology Department website for details.

(This course satisfies Natural Science.)

BIOL 147: Bio Inq: Viruses and Evolution

This course will introduce students to the relationship between viruses and their hosts, from bacteria to humans. It will cover the molecular, cellular, and organismal events that occur when a virus infects a host. The course will focus on the ways viruses evolve to adapt to different selective pressures, and how viruses can induce evolutionary change, in addition to disease, in their hosts. The course will also discuss the societal implications of this fascinating biology, including public health policy, vaccines, and virus-based therapies. Specific topics will be driven by student interest. This course includes lectures, discussions, reading primary research articles, writing, and student presentations. No prerequisites. Corequisite: BIOL 120 or permission of the instructor.

(This course satisfies Natural Science and Speaking Intensive.)

BIOL 148: Bio Inq: Microbes: Monster/Miracle?

(Biological Inquiry Seminar: Microbiology - Monsters and Miracles) Microbes are everywhere—and they matter. This course introduces the basics of microbiology through the lenses of health, food, disease, and microbial warfare. Students investigate the impact of microbes on daily life, from the gut microbiome and

fermented foods to emerging infections and public health threats. Co-requisite: BIOL 120.

(This course satisfies Speaking Intensive.)

BIOL 220L: Core: Ecology and Evolution

The roles of ecological and evolutionary processes in shaping life's diversity are examined. Specific topics may include adaptive evolution, origins of species, reconstruction of evolutionary history, population dynamics and extinction, species interactions, community processes, conservation, and the importance of these topics to humanity. Lab sessions will combine group work in field research projects with quantitative analyses and synthesis of your findings in terms of published results from the primary literature. These projects will result in a written and/or oral presentation of your findings. This is an intermediate-level biology course that assumes prior experience with the primary scientific literature, analysis of quantitative data and mathematical models, and rigorous laboratory work. Three lecture hours plus one four-hour laboratory per week. Prerequisite: BIOL 120. Corequisite: CHEM 115, and Biological Inquiry (13x-14x).

(This course satisfies Natural Science and Technology-Intensive.)

Cross Listed: HPPC 209, NEUR 209.

BIOL 221L: Molecules, Genes and Cells

This course will examine cells as the fundamental units of life. Topics will include the structure and function of the cell and its molecular constituents; energy relationships at the cellular level; and an introduction to the nature and organization of the genetic material. Laboratory sessions will emphasize student-designed projects. Classroom sessions will involve group work, discussions, seminars, problem-solving sessions, and lectures. Three lecture and four laboratory hours per week. Prerequisite: BIOL 120. Corequisite: CHEM 116.

BUSINESS (BUSN)

BUSN 130: Applied Statistics

This course covers three standard topics in statistics at the introductory level: probability theory, statistical inference, and regression analysis. Among the individual topics covered are descriptive statistics, probability rules, discrete probability distribution functions including the bivariate and binomial distributions, continuous density functions including the Normal and t distributions, sampling, hypothesis testing, test statistics, p-values, correlation versus causation, and an introduction to multivariate linear regression analysis. All topics are applied to techniques important to analyze economic, business, and financial behavior. Students who have taken this course will not receive credit for MATH 150.

(This course satisfies Quantitative Reasoning.)

Cross Listed: ECON 130, FIN 130

BUSN 210: Managerial Economics

Application of economic analysis to business decisions. It covers economic tools with applications to demand analysis, pricing policies, competitive strategy, cost analysis, and decision making. Students who have already completed ECON 210 will not receive credit for this course. Prerequisites: ECON 110 and either MATH 108, MATH 110, or MATH 160, all with a grade of C- or better.

BUSN 225: Principles of Marketing

This course focuses on the analysis of how marketing concepts impact an organization through the development of the marketing mix (product, price, place, and promotion). Building upon these concepts, students develop an understanding of how marketing managers develop specific strategies in order to gain competitive advantage in a global economy. No prerequisites.

BUSN 230: Financial Accounting

Methods, practices, and concepts underlying the communication of relevant financial information to external parties. Development of the accounting model, measurement processes, data terminology and classification, internal control, interpretation and uses of financial statements. No prerequisites.

BUSN 245: Principles of Management

This course introduces important organizational and management concepts and applications, and their relevance to individual and organizational goal attainment. The course revolves around the main functions of managers: planning, organizing, leading, and controlling. The emphasis is on real-world applications through experiential learning. No prerequisites.

CHEMISTRY (CHEM)

CHEM 115L: Chemistry I

An introduction to and study of the fundamental concepts and principles of chemistry. Atomic and molecular structure, periodic relationships, chemical bonding, stoichiometry. Properties and theories of gases, liquids, and solids. Laboratory introduces quantitative measurements and computer applications. This course will meet admissions requirements for medical, dental, or pharmacy schools. Three class meetings, one laboratory per week. Students must register for a lab. Prerequisite: Satisfactory score on the departmental placement test to assess quantitative skills or a passing grade in Chemistry 114. Please see Chemistry Department requirements page for details.

(This course satisfies Natural Science.)

CHEM 220L: Organic Chemistry

Organic chemistry is the study of the structure and reactivity of carbon-containing compounds. In this course we discuss the physical properties, and chemical transformations of organic compounds, placing a special emphasis on the development of a systematic rationale to account for these properties and reactions. The lecture for this course focuses on organic functional groups, nomenclature, resonance, inductive and steric effects, stereochemistry, substitution, elimination, and addition reactions. Laboratory focuses on microscale synthetic techniques, infrared and nuclear magnetic resonance spectroscopies, and gas chromatography. Three class meetings, one laboratory per week. Prerequisite: CHEM 116 or permission of the instructor. Students must also register for a lab.

CHINESE (CHIN)

CHIN 110: Beginning Chinese I

(Beginning Chinese Language I, in Cultural Context) This course is for students with no previous knowledge of Chinese. Students will learn the rudiments of both spoken and written Chinese (Mandarin) in cultural context. The course exposes students to aspects of traditional Chinese culture via experiential learning; it integrates language learning with cultural experiences which may include the practice of Chinese calligraphy, traditional Chinese painting and Kungfu, singing Peking opera, learning the traditional Chinese game of Go and immersive excursions to Chicago's Chinatown.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: ASIA 110

CHIN 210: Intermediate Chinese

This course will continue the fundamentals of Chinese conversation begun in the first-year series, Chinese 110 and 112, and continue work on reading and writing the language. Extensive oral practice and conversation exercises are stressed. Classes will be supplemented with laboratory exercises and written work. Prerequisite: CHIN 112 or equivalent.

(This course satisfies Humanities and Global Perspective.)

Cross listed: ASIA 210

CINEMA STUDIES (CINE)

CINE 175: Introduction to Film Studies

This course addresses basic topics in cinema studies, including: cinema technique, film production style, the basic language of film criticism, genres of cinema, movements from the history of cinema, and film criticism. Many topics are addressed through careful analysis of particularly important and representative films and directors. No prerequisites.

(This course satisfies Humanities and Writing Intensive.)

CINE 200: Film Editing

This course focuses on different theories and approaches in film editing. It examines the techniques and aesthetic principles of editing of various filmmakers in film history. This class also provides practical experiences for students, who are assigned creative video editing projects. No prerequisites.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

CINE 201: Narrative Filmmaking

This course gives students experience in narrative film production through the use of practical projects. The course also provides an understanding of the basic terms and elements of narrative films. Students are introduced to the preproduction, production, and post-production steps of narrative filmmaking while they explore the fundamentals of narrative film structure and production. No prerequisites.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

CINE 266: Music in Film

Music has played an important part of the movie-going experience since the beginnings of the film industry in the 1890's, and the blending of music and drama has deeper roots still. This course charts the development of music and sound in film, from these deep roots through the mis-named silent-movie era and on to the great film composers of the twentieth century and today. Students will learn the fundamental elements of a film score, investigate how a film composer works, and develop a vocabulary for describing and assessing film music. No prior knowledge of music or film history is necessary.

(This course satisfies Humanities.)

Cross Listed: MUSC266

CLASSICAL STUDIES (CLAS)

CLAS 250: Classical Rhetorical Tradition

This course is an historical survey of theorizing about the role of public discourse in human affairs from ancient Greece and Rome. We consider how the functions and nature of public discourse is understood, whether its skillful use can be taught, and the relationship between public argument and reaching social consensus about issues of truth and ethics. We will apply these ancient concepts to contemporary ideas in order to explore how concepts from different periods of time can aid us in evaluating contemporary persuasive messages in public life.

(This course satisfies Humanities.)

Cross Listed: COMM 250

CLAS 290: Ancient Greek Philosophy

The 20th century philosopher, Alfred North Whitehead, once commented that all of Western philosophy has been merely a series of footnotes to Plato. What did he mean by this? As I see it, he meant that there are no questions or concerns in Western philosophy that were not at least anticipated in the Platonic dialogues. But Plato had formative influences in Socrates and the pre-Socratic philosophers. And his most famous pupil, Aristotle, criticized his views almost immediately. We explore in some depth the origins of Western philosophy in the ancient Greeks, particularly Plato and Aristotle.

(This course satisfies Humanities and Writing Intensive.)

Cross Listed: PHIL 290

COLLEGE STUDIES (COLL)

COLL 150: Data Analytics using Excel

In this course, students learn basic and intermediate Microsoft Excel skills to help them analyze data and model outcomes. Students will learn how to perform spreadsheet calculations, create and interpret graphs and charts, execute Excel formulas and functions, manage workbook data, analyze table data, automate worksheet tasks, employ macros and VBA, and conduct "what if" analyses. Students who do not own a Microsoft PC computer will need to use the college computer labs to complete the work in this class. This course is administered entirely through Moodle. The instructor provides recorded lectures and hosts live office hours to provide support for students as needed. Self-guided work is to begin immediately upon the semester beginning. To start the coursework, students go to the Canvas page and read the syllabus to understand the sequencing of the course and to start working on the assignments.

(This course satisfies Technology Intensive.)

COLL 151: Fundamentals of Quantitative Problem Solving

COLL 151 is designed to enhance problem-solving skills essential for quantitative studies at Lake Forest College, particularly for students pursuing majors in economics, business, and finance. Students engage with problems that require the application of algebra, probability, and statistical concepts. This course is 0.50 credits and meets during the first half of the semester. Enrollment is subject to instructor approval.

COLL 210: Intergroup Dialogue Facilitator Training

(Intergroup Dialogue Facilitator Training) Students in this course train to facilitate intergroup dialogues, which are structured conversations in which individuals on many sides of an issue come together to learn from one another about questions of identity, including race, class, gender, sexuality, religion, and disability. This training will develop facilitation skills that can be used in many settings—the classroom, the workplace, and beyond. Students in this course will learn to facilitate dialogue by participating in dialogue; thus, this course requires a high level of participation from all students. No prerequisites.

(This course satisfies Domestic Pluralism.)

COMMUNICATION (COMM)

COMM 110: Introduction to Communication

Communication is a word that encompasses a wide range of human activity. This course will introduce students to: the over-arching theoretical considerations that define the field of communication, fundamental questions about how best to go about the practice of communication inquiry, keystone works in the history of the field of communication, and philosophical considerations that undergird the contemporary study of communication. The course is dedicated to the two animating themes in Lake Forest College's Department of Communication: media studies and rhetoric. Readings, written assignments, and class discussion will involve these two themes and the numerous points of contact between them. Limited to first- and second-year students. Juniors and Seniors must have permission from the instructor to enroll.

COMM 135: Rhetoric and Speech

Preparation and criticism of both formal and informal public speeches, including exposition, narration, description, argumentation, and persuasion.

(This course satisfies Speaking Intensive.)

COMM 212: Visual Rhetoric

We are surrounded by visual communication in our daily lives, yet the ubiquity of visual imagery makes it difficult for us to critically evaluate the images we see. In this

course we will approach visual artifacts as texts, paying particular attention to their relationship to the political, social, and economic climate in which they reside. Throughout the semester we will develop a lexicon of visual terms, engage a variety of visual texts, such as monuments, advertisements, photography, typography, and architecture, and practice evaluating visual arguments. No prerequisites.

(This course satisfies Humanities.)

COMM 218: Communicating Culture

Anthropologist Clifford Geertz (1975) defines culture as “a historically transmitted pattern of meanings embodied in symbols, a system of inherited conceptions expressed in symbolic form,” thus firmly situating it within the realm of communication. Building on this definition, this course explores how cultures construct and transmit meaning. Using myths, monuments, and museums as primary case studies, we examine these cultural artifacts as rhetorical texts—powerful tools through which societies communicate values, beliefs, identities, and histories.

(This course satisfies Global Perspective and Speaking Intensive.)

COMM 250: Classical Rhetorical Tradition

This course is an historical survey of theorizing about the role of public discourse in human affairs from ancient Greece and Rome. We consider how the functions and nature of public discourse is understood, whether its skillful use can be taught, and the relationship between public argument and reaching social consensus about issues of truth and ethics. We will apply these ancient concepts to contemporary ideas in order to explore how concepts from different periods of time can aid us in evaluating contemporary persuasive messages in public life.

(This course satisfies Humanities.)

Cross Listed: CLAS 250

COMM 283: Race, Class, Gender, and the Media

Race, class, and gender occupy important places in the contemporary study of the media. This course explores the connections between race, class, and gender through the exploration of the intersections between these important components of social structure and ideology. The motivating goal in this course is to show students how social structure and meaning become intertwined elements in how we experience race, class, and gender. An important element in this course will be the emphasis on the identities and positions of relatively less empowered groups in contemporary society. This will be done through a focused consideration of structural and ideological elements of contemporary culture as found in: the media industry, journalism, social constructions of reality, music, film, television, radio, and the internet.

(This course satisfies Social Science and Domestic Pluralism.)

Cross Listed: AFAM 283

COMM 287: Media Systems and Institutions

Behind our favorite movies, TV programs, websites, and songs exist powerful media institutions. Disney, Fox, Warner Brothers, Google, and Apple are just a few of the media industry giants upon which we have grown increasingly dependent for our everyday entertainment and information needs. In this course we examine these media institutions, including their historical development, organizational structure, and methods of production and distribution. We also analyze and compare the various types of media systems that exist in the U.S. and worldwide, including commercial, public, and state-controlled media models. Finally, we consider the issues of globalization and digital convergence, and the ways these phenomena are changing the organization and function of modern media industries.

(This course satisfies Social Science.)

COMPUTER SCIENCE (CSCI)

CSCI 107: Introduction to Web Programming

A broad introduction to World Wide Web programming and related technologies. Topics include Internet history and its architecture, managing an account on a Web server, HTML markup, use of style sheets (CSS), page layout design, introduction to interactive programming with JavaScript, the document object model (DOM), and HTML forms. This is a general audience course suitable for those with no prior programming experience.

(This course satisfies Quantitative Reasoning and Technology Intensive.)

CSCI 112: Computer Science I

Introduction to computer science. Topics include the basic building blocks of problem solving (sequence, selection, repetition), object-oriented programming, basic data structures, and algorithms. A prior knowledge of computer science is not required, although a good background in high school Mathematics is recommended. Students may receive credit for this course based on the AP computer science exam.

(This course satisfies Quantitative Reasoning and Technology Intensive.)

CSCI 212: Computer Science II

Continuation of Computer Science I. Emphasis on advanced data structures, algorithms, and object-oriented design. Topics include linked data structures, recursion, algorithm analysis, interfaces, and inheritance. Prerequisite: Computer Science 112 with a grade of C or better.

(This course satisfies Quantitative Reasoning and Technology Intensive.)

CSCI 213: Intro to Computer Architecture

Computer architecture, including digital logic, modern CPU design, memory layout, assembly language programming, addressing techniques, input/output design, and interfacing with high-level languages. Prerequisite: Computer Science 112.

(This course satisfies Quantitative Reasoning and Technology Intensive.)

CSCI 240: Intro to Computational Math

(Introduction to Computational Mathematics) This course provides a survey of computational techniques and methods that are rooted in mathematics and computing. Topics covered include numerical differentiation and integration, numerical solutions to ordinary differential equations, non-linear equations in one variable, and classification methods. Applications of the techniques to "real-life" problems encountered in economics, physics, and/or the life sciences is emphasized. Constructing computer programs to implement the techniques presented also is emphasized. Prerequisites: MATH 110 and CSCI 112.

(This course satisfies Technology-Intensive)

Cross Listed: MATH 240

CSCI 250: Programming for Data Applications

Introduction to data-oriented Python packages, decision trees, support vector machines (SVM), neural networks, and machine learning. Prerequisite: CSCI 112: Computer Science I.

ECONOMICS (ECON)

ECON 110: Principles of Economics

This course is an introduction to both microeconomics and macroeconomics. Students are introduced to the analytical tools and techniques used by economists to better understand the choices economic agents make and how markets function. The study of microeconomics includes consumer theory, producer behavior, and analysis of market structure. The study of macroeconomics includes the determination of aggregate production, employment and inflation, as well as fiscal policy, monetary policy, the distribution of income, and economic growth. The theories presented are applied throughout the semester to issues facing the U.S. and world economies.

(This course satisfies Social Science.)

Cross Listed: IREL 110

ECON 130: Applied Statistics

This course covers three standard topics in statistics at the introductory level: probability theory, statistical inference, and regression analysis. Among the individual topics covered are descriptive statistics, probability rules, discrete probability distribution functions including the bivariate and binomial distributions, continuous density functions including the Normal and t distributions, sampling, hypothesis testing, test statistics, p-values, correlation versus causation, and an introduction to multivariate linear regression analysis. All topics are applied to techniques important to analyze economic, business, and financial behavior. Students who have taken this course will not receive credit for MATH 150.

(This course satisfies Quantitative Reasoning.)

Cross Listed: BUSN 130, FIN 130

ECON 210: Microeconomic Theory

Application of economic analysis to business decisions. It covers economic tools with applications to demand analysis, pricing policies, competitive strategy, cost analysis, and decision making. Students who have already completed BUSN 210 will not receive credit for this course. Prerequisites: ECON 110 and MATH 108 or MATH 110 with grades of C- or better.

ECON 220: Macroeconomic Theory

Analysis of the determinants of aggregate production, prices, interest rates, and employment in macroeconomic models that combine the business, household, government, and financial sectors. Prerequisites: ECON 110 and MATH 108 or MATH 110 with grades of C- or better.

EDUCATION (EDUC)**EDUC 104: Elem Math from Advanced Standpoint**

(Elementary Math from an Advanced Standpoint) This course presents a critical examination of several topics from elementary mathematics. The course stresses three themes: mathematics in the liberal arts, mathematics from a historical perspective, and mathematics as a problem-solving activity. Topics to be covered include college algebra, numeration systems, non-base-10 representations, and elementary number theory including primes and factorizations, rationals as terminating and repeating decimals, irrationals, simple probability experiments, elementary set theory, and mathematical reasoning. Cross-listed as: EDUC 104; No prerequisites.

(This course satisfies Quantitative Reasoning.)

Cross Listed: MATH 104

EDUC 112: Learning About Our World

Learning About Our Living and Physical World) This course examines selected topics in life science, earth science, and physical science, such as the human body and its functions; ecosystems; weather; the physical and chemical properties of matter; energy and motion of objects; and components of the solar system.

Designed primarily to provide elementary education majors with the necessary background for teaching in K-8 schools, the course is appropriate for other students interested in strengthening their knowledge and confidence in investigating fundamental concepts and ideas in science. Students participate in lectures, discussions, presentations and projects, and laboratory activities. Does not satisfy requirements for the Biology major.

(This course satisfies Natural Science.)

Cross Listed: BIOL 112

EDUC 212: Educational Reform in the U.S.

This course will explore the meaning of educational reform in the United States, both from a historical and philosophical perspective and in the context of contemporary educational policy. Students will begin the course by studying the progressive educational reform movement of the early twentieth century. They will look at ways in which progressive education initiatives, including the open education movement of the late 1960s and early 1970s, have been challenged by proponents of standardization in schools. Charter schools, magnet schools, school vouchers, and No Child Left Behind also will be examined in order to better understand how the notion of educational reform is one that can be viewed from a wide variety of perspectives and within multiple contexts.

EDUC 215: Instructional Communication Theory and Practice

This course applies socio-linguistic theory to the understanding of learning in academic settings. Based on the premise that knowledge is socially constructed, race, gender, class, and ethnicity are considered social markers that shape the meanings and the values assigned to instructional messages. Students study communication practices in the classroom, apply theories in their analyses, and practice methods and strategies toward becoming more effective communicators through creation and/or delivery of lecture, discussion and cooperative learning simulations.

(This course satisfies Social Science and Speaking Intensive.)

EDUC 220: Philosophy of Education

Survey of significant theories of education, introduction to philosophical analysis of

educational concepts, and development of analytical skills applicable to clarifying and resolving pedagogical and policy issues.

(This course satisfies Humanities.)

Cross Listed: PHIL 220

ENGLISH (ENGL)

ENGL 111: Intro to Prof Writing

(Introduction to Professional Writing) This course introduces students to the kind of writing they may encounter in the work world by exploring the rhetorical principles, writing strategies, and information-mapping practices necessary for producing organized, readable documents - from traditional print business letters and reports to email correspondence and social-media text. This course will provide the tools to effectively gather and refine information, organize it in reader-friendly fashion, and adapt it for the appropriate audience and genre. Students will also hone an economical, direct prose style, which is standard for effective professional writing. No prerequisites.

(This course satisfies Humanities and Writing Intensive.)

ENGL 112: Intro to Editing and Publishing

Introduction to Editing and Publishing. Designed to introduce students to the sorts of questions that arise in contemporary publishing. Primarily for students who wish to acquire useful skills as editors and writers for both campus and professional publications, including print and electronic magazines, journals, or books. Among the topics covered in this course: editorial workflow; copyediting, fact checking, and proofreading; contracts and copyright; working with authors; and marketing and publicity. In order to best use these practical skills, we also look at the differences implicit in various publishing environments (including print and electronic) and the fundamental relationships between author and audience that determine the shape of the text. No prerequisites.

(This course satisfies Humanities and Writing Intensive.)

ENGL 135: Creative Writing

A beginning course in the art of writing fiction, poetry, and nonfiction prose. Literary analysis will be combined with creative assignments. Group discussions and individual conferences. (Not open to students who have completed English 235.)

(This course satisfies Creative & Performing Arts.)

ENGL 204: Diverse Voices 19th-c U.S. Lit

(Diverse Voices of Nineteenth-Century United States Literature) Works of representative writers: Poe, Hawthorne, Melville, Thoreau, Emerson, Whitman,

Dickinson, and Twain. Topics of discussion include Emerson's influence on U.S. culture, developments in literary form, and themes of U.S. community and nature.

(This course satisfies Humanities and Writing Intensive.)

ENGL 206: U.S. Environmental Literature

(United States Environmental Literature) An historically organized survey of the various rhetoric through which nature has been imagined by writers from the Puritans to contemporaries: the Calvinist fallen landscape, the rational continent of the American Enlightenment, conservation and 'wise use,' preservation and biodiversity.

(This course satisfies Humanities.)

ENGL 210: Gods, Monsters & Questing Humanity: Ancient and Medieval Literature

(Gods, Monsters & Questing Humanity: Ancient and Medieval Literature.) If you love stories of gods and demons, questing heroes and mythic monsters, you'll find a plethora of these fascinating figures in the great tales of ancient and medieval writers such as Homer, Sophocles, Virgil, Marie De France, Dante, Chaucer, and many more. This survey of ancient and medieval literature traces the origins of the Western literary tradition by exploring how writers from this delightfully distant period have imagined the gods, how they have understood themselves and their relationship to the cosmos, and how questing human beings have sought to answer problems of meaning and value that still have resonance for us today.

(This course satisfies Humanities and Global Perspective.)

ENGL 214: James Baldwin

In his powerful and moving novels and essays, James Baldwin confronted the lies America told itself about race, exposing the roots of social and political and cultural systems that superficially boasted of improving race relations but that instead continued to marginalize Black and brown bodies. This course offers a close reading of Baldwin's fiction and his essays, probing the ways that he provides a critique of the politics of race, sexuality, and nation in his own time and in ours. The course also includes readings and discussions of critical analyses of Baldwin's writings. No prerequisites.

(This course satisfies Domestic Pluralism and Writing Intensive.)

Cross Listed: AFAM 214

ENGL 216: African American Literature I

This course is an introduction to the writings of African Americans before the Civil War. These diverse documents tell tales of faith, perseverance, rebellion, suffering, freedom, independence, cunning, and patriotism that are an integral part of the American literary canon. We read a collection of classics together, compare and

contrast the voices represented, and consider the diversity of responses to finding oneself in chains in one of the most brutal forms of chattel slavery the world has ever known. Voices studied include Douglass, Wheatley, Jacobs, Brown, Wilson, Walker, Turner, and Thurman.

(This course satisfies Domestic Pluralism and Writing Intensive.)

Cross Listed: AFAM 216

ENGL 220: Shakespeare

Selected plays to show Shakespeare's artistic development; intensive analysis of major plays.

(This course satisfies Humanities and Writing Intensive.)

Cross Listed: THTR 236

ENGL 232: Stories from the Spectrum

(Stories from the Spectrum: Neurodiversity, Health, and Medicine in Literature) A boy with a penchant for prime numbers investigates the death of a dog. A young girl is scolded for failing to look her teacher in the eye. A man in the throes of a midlife crisis returns to his nonverbal son as he spiritually finds himself. Hidden within these narratives of neurodiverse characters, one discovers a slew of cultural assumptions about cognitive and intellectual disabilities. Do neurotypical writers often turn to autism reductively, as a stand-in for a theme or metaphor? What might an authentic representation of Autism Spectrum look like? This course considers the value of neurodiversity in literature while exploring many of the troubling representations of cognitive difference across time, from earlier accounts of un-speaking children to the "rain mans" of contemporary film. This course ultimately takes seriously the bi-directional intersections between fiction and medicine, as real-life medical practices both shape and are shaped by these stories from the spectrum. No prerequisites.

(This course satisfies Humanities and Writing Intensive.)

Cross Listed: NEUR 232

ENGL 238: Literature, Culture Religion & AI

This course explores representations of Artificial Intelligence in post-1900 American literature and culture. Students engage with various depictions of AI—from embodied androids and cyborgs to non-embodied computer systems and networked intelligence—and engage with relevant critical readings. The course examines how these texts reflect, critique, and speculate upon the evolving relationship between humans and AI. Key themes include the ethical implications of AI, the nature of consciousness/sentience in textual representation, the impact of AI technology on identity and society, and the potential for algorithmic bias and social control. Through a blend of textual analysis, class discussions, and research projects—as well as the

student use of AI in their class projects to achieve the FFC Technology Tag—students critically examine how cultural texts mirror AI technology while influencing its development and perception.

(This course satisfies Humanities and Technology Intensive.)

Cross listed: RELG 256

ENGL 243: Writing Literary Horror

(Vampires & Villains: Writing Literary Horror) This course teaches the art of writing gothic and literary horror. We'll look at examples of the various elements of fiction as used in the genre - voice, character analysis, plot, narration, symbolism, point of view, and theme, with a primary focus on various ways to sustain and build suspense and use those as a model for our own creative work. The course will ask students to write short stories, participate in group workshops and discussion, attend individual conferences, and revise their work. Course reading may include: Edgar Allan Poe, Kelly Link, Shirley Jackson, Octavia Butler, Alvin Schwartz, Rosemary Timperley, Roald Dahl, Edith Wharton, Brian Evenson, Amelia Gray, Elizabeth Bowen, Blake Butler, Henry James, and Helen Oyeyemi. No prerequisites.

(This course satisfies Creative & Performing Arts.)

ENGL 256: Writing and The Law

This intermediate intensive writing course introduces students to substantive writing by merging basic composition with substantive content. The “and The Law” aspect of the course is the content: the law, in its most basic terms, is the mechanism for the peaceful resolution of human disputes. The machinery of the law is words, and in this course, students are instructed in methods of intermediate expository and persuasive writing, as well as a deeper understanding of genre. This instruction and practice would move them from basic academic form-focused composition to form+content composition. Students learn how to treat complex material in an accurate and thorough manner. The law, its foundation, evolution, and purpose all offer a powerful basis and rich material for students to understand how a social institution functions through written language. Through studying writings, and drafting their own various texts, students are able to better appreciate the importance of words, and the structure and format in which those words are presented.

ENGL 285: Creative Arts Entrepreneurship

Creative Arts Entrepreneurship will offer an overview of the processes, practices, and decision-making activities that lead to the realization of our creative ideas. Students from across the humanities, arts, sciences, and business will learn the unique contexts and challenges of creative careers, with an emphasis on collaborative projects. The course will help students understand the nature and structure of arts enterprise while cultivating their own career vision and creative goals. Creative Arts Entrepreneurship is designed for students interested in

developing, launching, or advancing innovative enterprises in arts, culture, and design, and those who love the initiative, ingenuity and excitement of putting creative ideas into action. The course combines readings and in-class discussions with site visits, case studies, guest lectures by working artists and creative professionals, and student-driven projects. No prerequisites.

Cross Listed: MUSC 285, ENTP 285, ART 285, THTR 285

ENTREPRENEURSHIP & INNOVATION (ENTP)

ENTP 110: Design Thinking & Problem Solving

What are the tools and mindset required to be an innovator and an entrepreneur? This introductory course in innovation, design thinking, and entrepreneurship leads students through the processes used for finding problems worth solving, mobilizing the resources to solve them, and defining meaning for one's work in the world. No prerequisites. Students who have taken ENTP 120 cannot take ENTP 110.

ENTP 140: Brand You

Building & Monetizing Your Personal Brand. Central to the class experience are the essential questions: What is the Brand of YOU? How might you craft, communicate, and commercialize your brand via social media platforms? Branding helps us be seen the way we want to be seen. In this course, students will learn how to use marketing and brand-building tactics in the service of their own goals and will be challenged to identify and pursue new professional opportunities. As part of their work in this course, students will create assets related to their developing brand, which may include social media content and a personal website. ENTP 140 is designed for athletes, freelancers, artists, musicians, and individual entrepreneurs who are looking to grow their careers. No prerequisites.

(This course satisfies Speaking Intensive.)

ENTP 230: Product Market Fit

How do you know if you have a good and viable solution for a problem? How do you build the creative confidence needed for a 21st-century problem solver? How do you learn quickly and develop your unique insights and points of view to remain relevant and competitive? How do you demonstrate the level of rigor that gives your proposed solution credibility? This is an activity-based deep dive into the mindset, skills, and tools used in an entrepreneurial problem-solving philosophy. Students learn to frame, explore, test, and iterate their ideas before offering them as solutions. This course aims to uncover and understand humans' unmet and often unarticulated needs as the starting point for viable, sustainable, and accessible new products, services, experiences, and policies. This course focuses on understanding, framing, discovering, and validating novel and innovative solutions. Students practice and

hone their critical thinking skills through empirical observation, analysis, and creative exploration.

ENTP 285: Creative Arts Entrepreneurship

Creative Arts Entrepreneurship will offer an overview of the processes, practices, and decision-making activities that lead to the realization of our creative ideas. Students from across the humanities, arts, sciences, and business will learn the unique contexts and challenges of creative careers, with an emphasis on collaborative projects. The course will help students understand the nature and structure of arts enterprise while cultivating their own career vision and creative goals. Creative Arts Entrepreneurship is designed for students interested in developing, launching, or advancing innovative enterprises in arts, culture, and design, and those who love the initiative, ingenuity and excitement of putting creative ideas into action. The course combines readings and in-class discussions with site visits, case studies, guest lectures by working artists and creative professionals, and student-driven projects. No prerequisites.

Cross Listed: MUSC 285, ART 285, ENGL 285, THTR 285

ENVIRONMENTAL STUDIES (ES)

ES 120: Intro to Environmental Sciences

Using the disciplines of the physical, biological, and chemical sciences, this course studies the entities, patterns, and processes of the natural world and their modification by human activity. We examine scientific knowledge and principles and the application of that knowledge and those principles to natural systems, and survey selected environmental issues to ultimately consider the sustainability of human activities on the planet. Topics may include climate change, biodiversity conservation, population growth, ecology, toxic pollution, and sustainable and unsustainable energy and agricultural systems.

(This course satisfies Natural Science.)

ES 206: U.S. Environmental Literature

(United States Environmental Literature) An historically organized survey of the various rhetoric through which nature has been imagined by writers from the Puritans to contemporaries: the Calvinist fallen landscape, the rational continent of the American Enlightenment, conservation and 'wise use,' preservation and biodiversity.

(This course satisfies Humanities.)

Cross Listed: ENGL 206

ES 220L: Evolution, Ecology, and Environment

The diversity of life - the result of evolutionary and ecological processes - is a primary focus of environmental studies. In order to understand humans' effects on other species, ecosystems, and evolutionary and ecological processes and interactions, a deep knowledge of those entities and processes is critical. This course takes an interdisciplinary, theoretical approach to the evolution and ecology of human - environmental dynamics, including species concepts and speciation, extinction, conservation of biodiversity, political ecology, evolutionary ecology, the human dimensions of global change, demography, biogeography, human and non-human population ecology, and the status of evolutionary theory in the current political arena. Three lecture hours plus one four-hour laboratory per week.

Prerequisites: ES 108 or Chem 115 and Math 150 or BIOL 150 or ECON/BUSN/FIN 130 or MATH 351 or PSYC 221 or SOAN 310.

(This course satisfies Natural Science and Technology Intensive.)

ES 232: Drawing from Nature

Close observation is the foundation of scientific inquiry. It is also key to making art. In this course, students use their surroundings—from microscopic organisms to the Lake Forest campus ecosystem—as a source of discovery and inspiration for making drawings. Working with a variety of materials, students develop their abilities to observe and interpret nature, in forms ranging from leaves to the human body. Students learn about the work of artists working historically and today; study scientific illustrations; and learn how to create them. Throughout, we move between spaces, including the Drawing Studio, Environmental Studies lab, and distinct environments on campus (e.g., wooded ravines and Shooting Star Savanna). The course is designed for all levels, beginning through advanced.

(This course satisfies Creative & Performing Arts.)

ETHIC CENTER (ETHC)**ETHC 118: Comparative Religious Ethics**

This course introduces the sources and patterns of moral reasoning within different religious traditions, both Western and non-Western. Participants compare arguments advocating specific positions on such issues as the morality of war, nature of corporate ethics, treatment of the environment, bio-ethical decision-making, rights of animals within a society, and the responsibility of government to protect its constituents.

(This course satisfies Humanities and Global Perspectives.)

Cross Listed: RELG 118

FINANCE (FIN)

FIN 130: Applied Statistics

This course covers three standard topics in statistics at the introductory level: probability theory, statistical inference, and regression analysis. Among the individual topics covered are descriptive statistics, probability rules, discrete probability distribution functions including the bivariate and binomial distributions, continuous density functions including the Normal and t distributions, sampling, hypothesis testing, test statistics, p-values, correlation versus causation, and an introduction to multivariate linear regression analysis. All topics are applied to techniques important to analyze economic, business, and financial behavior. Students who have taken this course will not receive credit for MATH 150.

(This course satisfies Quantitative Reasoning.)

Cross listed: ECON 130, BUSN 130

FIN 210: Financial Management

This course provides an overview of the questions and problems faced by financial managers, as well as an introduction to the basic set of tools they use to help them make optimal investment and financing decisions under conditions of risk and uncertainty. The main topics include time value of money, the valuation of bond and stocks, the trade-off between risk and return, the efficient markets hypothesis, the Capital Asset Pricing Model (CAPM), cost of capital, and a brief introduction to derivative securities and international finance issues. Prerequisites: ECON 110 and ECON/BUSN/FIN 130 with grades of C- or better.

FRENCH (FREN)

FREN 110: Beginning French I

French 110 is designed to develop the student's ability to aurally comprehend, speak, read, and write basic controlled patterns of the French language. No prerequisite.

(This course satisfies Humanities.)

FREN 210: Interm French I: Cultural Emphasis

(Intermediate French I: Cultural Emphasis) This course offers a systematic review of all the basic elements of French grammar, implemented with culture-based readings and exercises. The objective is to prepare students for more sophisticated courses in language, literature, and culture. Prerequisite: French 112 or placement exam recommendation.

(This course satisfies Humanities and Global Perspective.)

FREN 228: Oh Là Là: Stereotypes, Media, Mktg

(Oh Là Là: French Stereotypes, Media, & Marketing) This course offers an exploration of French culture and of the differences between French and American work practices. Popular media examples such as "Emily in Paris" often rely on clichés to convey this cultural gap: this course prepares students to interact with the French culture beyond these stereotypes by providing a deeper understanding of cultural differences and similarities in the business arena and beyond. In addition to this cultural contextualization, students will learn business and commercial French vocabulary and apply their knowledge in practical professional exercises in business creation, job interviewing and advertising in French. Particularly recommended for students thinking of careers in business, economics, politics, or international relations. Prerequisite: FREN 212 or equivalent or permission of instructor.

(This course satisfies Global Perspectives and Speaking Intensive.)

GENDER SEXUALITY AND WOMEN (GSWS)**GSWS 110: Intro to Women's/Gender Studies**

This course is an introduction to the study of gender and sexuality in the United States. Topics may include intersectional feminisms, politics, mass media, sexual violence, reproductive rights, masculinity and femininity, transgender and non-binary issues, work, and family. No prerequisites.

(This course satisfies Domestic Pluralism and Writing Intensive.)

GSWS 210: Developmental Psychology

An examination of the principles of development with an emphasis on interpretation of empirical studies and theories. We stress the ongoing interplay of biological and environmental forces as influences on development; place development in a broad context of culture, class, and history; view children and adolescents as active shapers of their environment; emphasize both continuity and the capacity for change; and consider implications of developmental psychology for educators, practitioners, parents and policymakers. Prerequisite: Psychology 110.

(This course satisfies Social Science.)

Cross Listed: PSYC 210

GSWS 251: Family Structure & Political Theory

Sexuality, child rearing, marriage, and family construction are crucial issues to political theorists, especially since the family is the fundamental social unit. Through an examination of traditional political theorists, this course explores the treatment of these issues, and how they affect other, more established political problems such as

citizenship, property, and community. Current legal and practical problems involving families inform and illuminate our perusal of political theorists' approach to the relationship between the private family and the state. POLS 130 is recommended but not required.

(This course satisfies Humanities.)

Cross Listed: POLS 251

GSWS 275: Black Her- story

This course looks at the history of Black people and culture in the United States with a special focus on those who identify as Black women. From Harriet Tubman to Alicia Garza, Bessie Smith to Beyonce, this course examines how the intersectional identifies of Black women have enriched racial freedom struggles and the fight for women's rights, among other issues. We will use "A Black Women's History of the United States," the 2020 book by award-winning Black women historians, Daina Raimey Berry and Kali Nicole Gross, as the main textbook, and read other historical texts by Black women as well. No prerequisites.

HISTORY (HIST)

HIST 110: Global Change: The Power of History

This course offers an introduction to college-level study of history. Specific subjects covered will vary, but a significant amount of the course will focus on non-Western history. Topics may include: the origins of civilizations in the Middle East, Asia, and the Americas; the role of religion in society; the rise and fall of empires; encounters between civilizations, from ancient trade networks to modern colonialism. Students in all sections will be introduced to certain key skills and methodology used by historians, including analysis of primary sources and assessment of historical arguments. Close attention will be paid to the development of critical reading and writing skills. No prerequisites.

(This course satisfies Humanities and Writing Intensive.)

HIST 200: Empire, Slavery, Freedom: Early US

(Empire, Slavery, Freedom: Early United States) What were the origins and foundations of the United States? This course follows the transformation of North America and the emergence of the United States as an independent republic from the seventeenth century to the greatest crisis of the new nation, the Civil War and Reconstruction. Connecting primary sources to major works of historical interpretation, it examines the foundations of the United States by tracing the political, economic, and social underpinnings of historical change. Our exploration of this history will revolve around three key themes: land, labor, and territorial conquest and empire. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

HIST 202: African American History 1619-1865

This course surveys the history of African Americans in the New World, from the first colonial encounter through the sociopolitical changes of the burgeoning United States that led to the Civil War (1861-1865). The history of African Americans in the United States is often defined by the chattel slavery experience. However, the early years of American history that made people of African descent American are much more complex. By centering the actions and voices of the heterogeneous African American community, this course examines topics including the Middle Passage, domestic slavery expansion, free and maroon black communities, various resistance strategies, interracial coalitions, and the role of enslaved people in bringing about their own emancipation. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

Cross Listed: AFAM 202

HIST 205: Medieval History

This course examines the history of Europe and the Mediterranean world in the years 300-1500 CE. We begin with the fragmentation of the Roman Empire into three areas: Latin Christian Europe, the Byzantine Empire, and the Islamic world. We then explore the richness of the medieval centuries, including: aspects of medieval Christianity ranging from the cult of saints to monasticism to the papacy; the development of the major European kingdoms, knighthood, and chivalry; intellectual life and the rise of universities; interactions between Christians, Jews, and Muslims both peaceful (trade) and hostile (crusade); lives of ordinary people in urban and rural settings. Students will work extensively with primary documents in translation. No prerequisites.

(This course satisfies Humanities and Global Perspective.)

HIST 212: Origins of East Asia

Introduction to the great civilizations of China and Japan, with emphasis on development of their fundamental characteristics. Highlights both shared traditions and significant differences between the two countries. No prerequisites.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: ASIA 200

HIST 215: Modern Latin America

This course surveys the history of Latin America from the independence period to the present. It explores major themes such as the transition from colonialism to sovereign nation-states, the rise of social movements, the strategies designed to decrease the region's economic and political dependence on foreign powers, and the efforts of Afro-Latin American and Indigenous populations in their struggles for full

citizenship and inclusion. This course also explores the cultural diversity within Latin America by focusing on cultural elements including food, religion, and music, and how they relate to national identity. No prerequisites.

(This course satisfies Global Perspective.)

Cross Listed: LNAM 215

HIST 226: American Civil War

The origins of the war in the antagonistic development of the free North and slave South; Lincoln and the Republican Party; Black activity in the North and South; the war; the transforming and gendered aspects of fighting the war; Reconstruction; the impact of the war on American development. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

HIST 231: Indigenous History of the Americas

This course is a survey of Indigenous history from pre-colonization to the present across both North and South America. Throughout the Americas, Native people built complex systems of cultural grandeur and political interaction. These cultures may have changed but certainly did not vanish when these groups came into contact with European colonizers. Rather, Indigenous people created new strategies for survival in a changing geopolitical reality, and impacted the development of emerging nations like the United States. In modern times, Indigenous people continue to fight for recognition of their sovereignty and rights. This course connects Indigenous history to issues related to nation-building, citizenship, economic change, and multiculturalism. No prerequisites.

(This course satisfies Humanities.)

HIST 262: Modern Japan

From the founding of the last shogunate, the Tokugawa, in 1603 to its present status as an economic giant among the nations of the Pacific. Attention to the achievements as well as the undeniable sufferings and costs incurred during Japan's drive toward great power. No prerequisites.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: ASIA 286

HIST 275: Black Her-story

This course looks at the history of Black people and culture in the United States with a special focus on those who identify as Black women. From Harriet Tubman to Alicia Garza, Bessie Smith to Beyonce, this course examines how the intersectional identifies of Black women have enriched racial freedom struggles and the fight for

women's rights, among other issues. We will use "A Black Women's History of the United States," the 2020 book by award-winning Black women historians, Daina Raimey Berry and Kali Nicole Gross, as the main textbook, and read other historical texts by Black women as well. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

Cross Listed: AFAM 275

HIST 281: The Past and Future of a Plague

This course examines a disease that has afflicted humanity for its entire history: tuberculosis (TB). We begin by establishing a baseline understanding of the cause, spread, symptoms, and treatments (past and present) of tuberculosis. We then turn to the unique cultural, economic, and political history of this disease. TB may be the only epidemic disease once equated with glamor and genius: idealized in the nineteenth century as a "beautiful death," TB influenced understanding of beauty, fashion, and the creative process. The reality of TB, however, is that of a deadly disease that particularly ravages the poor, be they industrial laborers, sex workers, migrants, the unhoused, or indigenous or enslaved peoples in European colonial empires. Our study of TB thus illuminates how the understanding and experience of disease are inflected by ideas regarding race, class, and gender. The course concludes with an examination of the recent history and possible futures of TB, including the development of new treatments and vaccines (and the challenges of their use), TB's deadly confluence with poverty and with HIV/AIDS, and the evolution of multi-drug-resistant strains of the bacterium. No prerequisites.

HEALTH PROFESSIONAL PROGRAM (HLTH)

HLTH 105: Nursing Professional Development

Nurses are at the front-lines of America's healthcare delivery systems. As such, they need superior skills in communication, advocacy, and team-building. They need strong resiliency skills to manage the stressors of patient health-care management. This course is designed to build these essential skills for students who are admitted into our pre-nursing program. This course is only open to students who have been accepted through the Nursing program or those who have demonstrated an interest in nursing and been approved by the instructor.

HLTH 115: Math for Health Professionals

This course is designed for students interested in pre-nursing or pre-health programs. The course focuses on developing problem-solving skills essential for quantitative courses in the health professions. Students apply mathematical concepts to real-life examples from health care settings. Instructor permission required to enroll.

(This course satisfies Quantitative Reasoning.)

HLTH 209L: Human Psychology

This course begins with a review of the cellular processes that influence the survival of all physiological systems in the human body. Following that foundation, a deeper exploration into the function of each major system is emphasized. The lecture component includes the functional study of muscular, neurophysiological, special sensory, immune, endocrine, hematologic, cardiovascular, respiratory, digestive, urinary and reproductive systems. Metabolomics, fluid-electrolyte and acid-base balance is incorporated into their respective physiological systems. Lab focuses on physiological experimentation and application. This course is intended primarily for students who aspire to enter into health fields. Prerequisites: BIOL120, CHEM115, and HLTH 208L.

HLTH 210L: Microbiology

This course introduces health science students to the core concepts in microbiology. Microorganisms, including viruses, fungi, and protists with a particular emphasis on bacteria, are examined with regard to their structure, growth, heredity, and diversity. Topics include microbial growth, antibiotic mechanisms and resistance, epidemiology, interaction of pathogenic microbes with humans, nosocomial diseases, new disease outbreaks, and the immune response. The laboratory portion includes microscopy and bacterial identification. Three lecture and two laboratory hours per week. Students must also register for a lab. This course is intended primarily for students who aspire to enter into health fields. Students who have taken BIOL 323 will not receive credit for this course. Prerequisites: BIOL 120.

INTERNATIONAL RELATIONS (IREL)

IREL 110: Principles of Economics

This course is an introduction to both microeconomics and macroeconomics. Students are introduced to the analytical tools and techniques used by economists to better understand the choices economic agents make and how markets function. The study of microeconomics includes consumer theory, producer behavior, and analysis of market structure. The study of macroeconomics includes the determination of aggregate production, employment and inflation, as well as fiscal policy, monetary policy, the distribution of income, and economic growth. The theories presented are applied throughout the semester to issues facing the U.S. and world economies.

(This course satisfies Social Science.)

Cross Listed: ECON 110

IREL 130: Intro to Comparative Politics

This course is an introduction to the main concepts and theories of comparative politics. Students explore central questions of comparative politics research, such as: do variations in political institutions (constitutions, elections, parties, and party systems) matter and why? What are the different ways in which citizens participate in politics and how has it changed over time? What are the key differences between democratic and authoritarian regimes and how a country may transition from one to another? In addition, students also learn about fundamental principles and methods of comparative political analysis. Lastly, case studies of different countries around the globe help students apply abstract theories, concepts, and methods and thereby develop strong analytical and critical thinking skills.

(This course satisfies Social Science and Global Perspective.)

Cross Listed: POLS 140

IREL 140: Intro to Global Politics

This course studies political behavior globally, involving countries, intergovernmental and non-governmental organizations, and other international actors. It introduces students to the analytical tools – concepts, models, and theories – scholars use to explain and understand global phenomenon past and present, such as war and peace, weapons proliferation, trade and development, international law, the environment, human rights, migration, and public health.

(This course satisfies Social Science and Global Perspective.)

Cross Listed: POLS 110

IREL 160: Introduction to Sociology and Anthropology

Sociology and anthropology share a focus on exploring the social (group rather than individual) bases of human practices and behaviors. Both disciplines study social interaction and such social institutions as family and religion. This course introduces students to key concepts for viewing the world through sociological and anthropological lenses, including cultural relativism, material culture, and the social construction of human experience through categories like race, class, and gender. Limited to first- and second-year students. Not open to students who have taken SOAN 100.

(This course satisfies Social Science.)

Cross Listed: SOAN 110

IREL 242: Politics of the Global South

This course introduces students to contemporary political, economic, and social

issues in Asia, Latin America, the Middle East and North Africa, and Sub-Saharan Africa—regions of the world that are referred to collectively as the Global South. Students survey major relevant theoretical approaches in comparative politics and situate non-Western states in global political, economic, and social context. Students also explore specific topics, such as democratization, nationalism, state-building, and civil society.

(This course satisfies Social Science and Global Perspective.)

Cross Listed: POLS 242

IREL 245: Global IR Theory

In this course, students survey the major theoretical models and concepts associated with the study of international relations in the West and other regions of the world for the purpose of analyzing and thinking critically about contemporary international political issues. Prerequisite/Corequisite: POLS 110 or POLS 140.

(This course satisfies Social Science and Global Perspective.)

Cross Listed: POLS 245

IREL 262: Global Christianity

This course explores the origin, development, and contemporary state of Christianity with reference to the many cultures and societies that have shaped it, the world's largest religion. We begin with the origin and early development of Christianity within the context of ancient Judaism and the Roman Empire. We consider the development of Christianity into its many contemporary forms and focus throughout the class on how Christianity is practiced throughout the world. We pay special attention to how Christianity has developed in places unfamiliar to most Americans, such as Eastern Europe, Asia, and Africa. No prerequisites.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: RELG 212

ISLAMIC WORLD STUDIES (ISLM)

ISLM 110: Beginning Arabic I

Students will learn to read, write and understand Modern Standard Literary Arabic, and to use the language in basic conversation, including exchanging courtesies, meeting people, asking questions and providing information. No prerequisite.

(This course satisfies Humanities.)

Cross Listed: ARBC 110

ISLM 210: Intermediate Arabic

Students will advance their knowledge of reading, writing and speaking basic Modern Literary Arabic as well as their understanding of the use of language in cultural context. Prerequisite: ARBC 112 or equivalent.

(This course satisfies Humanities and Global Perspectives.)

Cross Listed: ARBC 210

ISLM 224: Islam and Science

As an introduction to the relationship between Islam and science from both historical and contemporary perspectives, this course examines the major contributions of medieval Muslim scientists and their influence on modern science. Muslim medieval inventions and advances have shaped Western science for hundreds of years. Ibn Sina (Avicenna), Ibn Al-Haitham (Alhazen), al-Khawarizmi (Algorithmi), and Ibn Rushd (Averroes) were among the many Muslim scientists and philosophers who developed existing disciplines in astronomy, medicine, mathematics, physics, and chemistry, and transferred ancient knowledge from the Middle East, Greece, China, and India to European cultures. The course explores various scientific attempts at an interpretation of the Qur'an and how those attempts shaped the Muslim perception of science in general. The course also touches upon modern debates within Islamic and applied science, particularly in the field of bioethics. Focusing on contemporary controversies, the course examines, for example, attempts by contemporary Muslim scientists and religious scholars to reconcile or disprove the theory of evolution. No prerequisites.

(This course satisfies Humanities and Global Perspectives.)

Cross Listed: RELG 224

JAPANESE (JAPN)**JAPN 110: Beginning Japanese I**

An introduction to the form of spoken Japanese along with Japanese customs and culture. Most of the fundamental structures are covered in Japanese 110 and 112, together with writing practice in the hiragana and the katakana syllabaries. 112 is a continuation of 110. Lab work is an integral part of the sequence. No prerequisites.

(This course satisfies Humanities.)

Cross Listed: ASIA 111

JAPN 210: Interm Japanese in Cultural Context

(Intermediate Japanese in Cultural Context) This course continues the fundamentals of Japanese conversation begun in the first-year series, Japanese 110 and 112, and

continues work on reading and writing the language. Extensive oral practice and conversation exercises are stressed. Classes are supplemented with audio materials and exercises and daily written work using hiragana, katakana, and kanji. This course also familiarizes students with Japanese society, customs, and culture. Students will make a researched presentation concerning a specific topic of interest related to Japanese culture, customs, society, politics, or the economy. Prerequisite: Japanese 112 or consent of instructor.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: ASIA 211

JOURNALISM (JOUR)

JOUR 120: Introduction to Journalism

Introduction to Journalism presents students with the skills and information that are essential for reliable, accurate, and independent news reporting. This course addresses the fundamental skills associated with journalistic writing, and presents students with the essential issues facing journalism today. In addition to writing, this course addresses the laws, ethics, and fundamentals of news literacy, with a keen focus on the critical thinking skills required for news judgment.

JOUR 200: Journalism Practicum: The Stentor

This practicum gives students an opportunity to earn Lake Forest College credit by working for the campus newspaper: The Stentor. Students who enroll in this course will work for the Stentor as editors, reporters, or columnists (or other jobs suggested by the Stentor advisor). The course will be graded on a P/F basis only. Students will qualify for credit in this course if they complete 40 hours of work per semester. JOUR 200 counts for .25 credits per semester of enrollment. The course is overseen by the faculty advisor for The Stentor, who will arrange for grade/credit assignments in consultation with the chair of the Communication Department. Only one full credit (four semesters of JOUR 200) may be counted toward Lake Forest College graduation. No prerequisites.

LATIN AMERICAN STUDIES (LNAM)

LNAM 180: Intro to Latin American and Latinx

Introduction to Latin American and Latinx Studies. This course provides an overview of Latin American and Latinx history, politics, culture, and literature. Topics include major events and persons, as well as social issues and movements pertaining to Latin American migration to the United States, including expressive cultures and art, anthropology, and politics. No prerequisites.

(This course satisfies Global Perspective.)

LNAM 215: Modern Latin America

This course surveys the history of Latin America from the independence period to the present. It explores major themes such as the transition from colonialism to sovereign nation-states, the rise of social movements, the strategies designed to decrease the region's economic and political dependence on foreign powers, and the efforts of Afro-Latin American and Indigenous populations in their struggles for full citizenship and inclusion. This course also explores the cultural diversity within Latin America by focusing on cultural elements including food, religion, and music, and how they relate to national identity. No prerequisites.

(This course satisfies Global Perspective.)

Cross-listed: HIST 215

LNAM 230: Indigenous History of the Americas

This course is a survey of Indigenous history from pre-colonization to the present across both North and South America. Throughout the Americas, Native people built complex systems of cultural grandeur and political interaction. These cultures may have changed but certainly did not vanish when these groups came into contact with European colonizers. Rather, Indigenous people created new strategies for survival in a changing geopolitical reality, and impacted the development of emerging nations like the United States. In modern times, Indigenous people continue to fight for recognition of their sovereignty and rights. This course connects Indigenous history to issues related to nation-building, citizenship, economic change, and multiculturalism. No prerequisites.

(This course satisfies Humanities.)

Cross-listed: HIST 231

LITS & CULTURES IN TRANSLATION (LCTR)

LCTR 200: Collage Magazine

LCTR 200 is a practicum designed to provide an opportunity for students with some knowledge of any language other than English to learn about the design and production of Collage Magazine, while earning course credit. Collage Magazine represents cultural and linguistic diversity within the Lake Forest College community. The 0.25 credit course is graded on a Pass-Fail basis and requires enrolled students to complete forty (40) hours of work as Executive Board members contributing to the

editing, production, and promotion of Collage, Lake Forest College's literary journal in the languages since 1969. The course is overseen by the faculty advisor to Collage, who will arrange for grade/credit assignments in consultation with the chair of the Modern Languages and Literatures Department. May be repeated; up to one full credit may be counted toward Lake Forest College graduation. No prerequisites.

(This course satisfies Experiential Learning and Creative & Performing Arts.)

MATHEMATICS (MATH)

MATH 104: Elem Math from Advanced Standpoint

(Elementary Math from an Advanced Standpoint) This course presents a critical examination of several topics from elementary mathematics. The course stresses three themes: mathematics in the liberal arts, mathematics from a historical perspective, and mathematics as a problem-solving activity. Topics to be covered include college algebra, numeration systems, non-base-10 representations, and elementary number theory including primes and factorizations, rationals as terminating and repeating decimals, irrationals, simple probability experiments, elementary set theory, and mathematical reasoning. Cross-listed as: EDUC 104; No prerequisites.

(This course satisfies Quantitative Reasoning.)

Cross Listed: EDUC 104

MATH 108: Calculus Ia

(Calculus Ia: Introduction to Calculus.) The calculus of rational functions of one variable. Limits, continuity, differentiation, and applications; a brief introduction to integration. Related topics in college algebra also are reviewed, including pertinent aspects of functions, polynomials, and rational expressions. This course is a required skills-building course for students desiring to complete Math 109. (Credit cannot be earned in Math 108 after satisfactory completion of Math 110.) Prerequisite: By placement only. Not open to students who have completed Math 110 with a grade of C- or better.

(This course satisfies Quantitative Reasoning.)

MATH 110: Calculus I

The calculus of functions of one variable. Limits, continuity, differentiation, and applications; a brief introduction to integration. Prerequisite: 3.5 years of high school mathematics (to include trigonometry) or Mathematics 105.

(This course satisfies Quantitative Reasoning.)

MATH 111: Calculus II

The calculus of functions of one variable. Integration, applications of integration, sequences, and series. Prerequisite: Mathematics 110.

(This course satisfies Quantitative Reasoning.)

MATH 150: Intro Probability & Statistics

Designed for students in the social and life sciences. Discrete probability theory, distributions, sampling, correlation, and regression, Chi square and other tests of significance. Emphasis on the use of the computer as a tool and on applications to a variety of disciplines. Not open to students who have taken ECON/BUSN 180 or ECON/BUSN/FIN 130.

(This course satisfies Quantitative Reasoning.)

MATH 160: Math Methods with Applications

(Mathematical Methods with Applications) Topics from applied mathematics, including equations, inequalities, functions and graphs, and basic properties of logarithmic and exponential functions. Introduction to limits, derivatives, and antiderivatives. Applications to business, the social sciences, and the life sciences. (Not open to students who have completed Math 110 with a grade of C- or better.)

(This course satisfies Quantitative Reasoning.)

MATH 210: Multivariable Calculus

Partial differentiation, the algebra and calculus of vectors, curves and their parameterization, multiple integration, Stokes's and Green's theorem, and applications. Prerequisite: Mathematics 111.

(This course satisfies Quantitative Reasoning.)

MATH 230: Abstract & Discrete Mathematics

Topics covered include logic and proofs, set theory, relations, cardinal numbers, countable and uncountable sets, permutations and combinations, graph theory, and group theory. Prerequisite: Mathematics 110.

(This course satisfies Quantitative Reasoning.)

MATH 240: Intro to Computational Math

(Introduction to Computational Mathematics) This course provides a survey of computational techniques and methods that are rooted in mathematics and computing. Topics covered include numerical differentiation and integration, numerical solutions to ordinary differential equations, non-linear equations in one variable, and classification methods. Applications of the techniques to "real-life" problems encountered in economics, physics, and/or the life sciences is

emphasized. Constructing computer programs to implement the techniques presented also is emphasized. Prerequisites: MATH 110 and CSCI 112.

(This course satisfies Technology Intensive.)

Cross Listed: CSCI 240

MUSIC (MUSC)

MUSC 105: Sylvan Singers

Lake Forest College Sylvan Singers focuses on choral repertoire written for treble voices, from all genres and time periods. Concerts include collaborations with other ensembles such as the Lake Forest College Concert Choir, Chamber Choir, Orchestra, and Concert Band. Students of all ability-levels are welcome. There are no formal auditions, however, membership in this ensemble is contingent upon a voice-placement hearing held at the beginning of the semester. This course may be repeated for credit. (As a quarter-credit course, under the Forester Fundamental Curriculum, this course meets one-quarter of the Creative & Performing Arts requirement.)

(This course satisfies Creative & Performing Arts.)

MUSC 107: Concert Band

The Band performs marches, overtures, waltzes, and suites by such composers as Vaughan Williams, Holst, Sousa, and others. The ensemble is open to all students. This course may be repeated for credit.

(This course satisfies Creative & Performing Arts.)

MUSC 108: Chamber Orchestra

The Chamber Orchestra is an ensemble devoted to the performance of Baroque, Classical, Romantic, and twentieth-century repertoire. The group performs two concerts each semester. The Chamber Orchestra is open to all qualified members of the College community. Auditions will be held early in the fall. This course may be repeated for credit.

(This course satisfies Creative & Performing Arts.)

MUSC 109: West African Drumming Ensemble

The African Drumming Ensemble is a hands-on workshop for students of all levels interested in learning the basics of West African drumming. Students work on developing rhythmic skills using authentic instruments and learn about the role of music in the cultures of Guinea, Mali, and other countries. No prerequisite. This course may be repeated for credit.

(This course satisfies Creative & Performing Arts.)

MUSC 110: Jazz Ensemble

The Jazz Ensemble performs music from big band classics and contemporary repertoire. The ensemble is open to all students by audition. This course may be repeated for credit.

(This course satisfies Creative & Performing Arts.)

MUSC 150: Fundamentals of Music

Introduction to elements and basic principles of tonal music: notation, intervals, scales, rhythm, meter, melody, and harmony. Emphasis on listening and creative work. No prerequisite, but some musical experience is helpful.

(This course satisfies Humanities.)

MUSC 206: Concert Choir

Lake Forest College Concert Choir focuses on choral repertoire written for mixed-voice ensembles, from all genres and time periods. Concerts include collaborations with other ensembles such as the Lake Forest College Sylvan Singers, Chamber Choir, Orchestra, and Concert Band. Students of all ability-levels are welcome. There are no formal auditions and but membership in this ensemble is contingent upon a voice-placement hearing held at the beginning of the semester. This course may be repeated for credit. (As a quarter-credit course, under the Forester Fundamental Curriculum, this course meets one-quarter of the Creative & Performing Arts requirement.)

(This course satisfies Creative & Performing Arts.)

MUSC 221: Speakers and Phones Workshop

Through extensive production and critique, the Speakers & Phones Workshop fosters artistic growth among beginners and experienced creators. The Workshop doesn't depend on access to expensive recording equipment and studios. We use our memories, our bodies, our voices, musical instruments, pen and paper, apps, our smart phones, tablets, laptops... whatever amateur or professional sound-generating and recording equipment participants own or can get ahold of on their own. We edit and polish our audio creations and then distribute them online in attention-grabbing ways. Participants are encouraged to work from their strengths and to push beyond their comfort zones in order to create audio work that ranges from music to sound collage to spoken word to storytelling to journalism. No formal training is required. The only prerequisites are the ability to hear, a willingness to work hard, an open mind and ready access to either a computer or a smart phone.

(This course satisfies Creative & Performing Arts.)

MUSC 225: Intro to Electronic Music

Designed for beginners in electronic music composition, the course provides a hands-on introduction to digital audio workstations. The course covers the basics of MIDI, patch editing, digital audio, mixing, and sound design. Students will compose

music continuously throughout the semester, ending with an EP of original music to be released to the world.

(This course satisfies Creative & Performing Arts and Technology Intensive.)

MUSC 251: Music Theory I

Basic elements of tonal harmony including triads, seventh chords, figured bass, harmonic progression, voice leading, and four-part writing. Prerequisite: Music 150 or consent of the instructor.

(This course satisfies Humanities.)

MUSC 266: Music in Film

Music has played an important part of the movie-going experience since the beginnings of the film industry in the 1890's, and the blending of music and drama has deeper roots still. This course charts the development of music and sound in film, from these deep roots through the mis-named silent-movie era and on to the great film composers of the twentieth century and today. Students will learn the fundamental elements of a film score, investigate how a film composer works, and develop a vocabulary for describing and assessing film music. No prior knowledge of music or film history is necessary.

(This course satisfies Humanities.)

Cross Listed: CINE 266

MUSC 268: Music and the Mind

In this course, we wrestle with fundamental questions regarding music and the human experience. Why does music exist? How did it evolve in the human species? What, exactly, does it do to us, as listeners and as practitioners? How does music change our brains? Is there really such a thing as a "Mozart Effect?" What new promises are there for therapeutic uses for music? Music's presence in the human species is clearly puzzling. While many scholars have speculated a reason for its existence, there is no definitive answer as to why we make music. Nevertheless, we do make music. There is not a single human culture on Earth that has no music. Some of the books we will be reading include *Musicophilia*, *The Singing Neanderthals*, and *This is Your Brain on Music*. Note that this is a course that requires students to give oral presentations. No prerequisites.

(This course satisfies Humanities.)

Cross Listed: NEUR 268

MUSC 285: Creative Arts Entrepreneurship

Creative Arts Entrepreneurship will offer an overview of the processes, practices, and decision-making activities that lead to the realization of our creative ideas. Students from across the humanities, arts, sciences, and business will learn the

unique contexts and challenges of creative careers, with an emphasis on collaborative projects. The course will help students understand the nature and structure of arts enterprise while cultivating their own career vision and creative goals. Creative Arts Entrepreneurship is designed for students interested in developing, launching, or advancing innovative enterprises in arts, culture, and design, and those who love the initiative, ingenuity and excitement of putting creative ideas into action. The course combines readings and in-class discussions with site visits, case studies, guest lectures by working artists and creative professionals, and student-driven projects. No prerequisites.

Cross Listed: ENTP 285, ART 285, ENGL 285, THTR 285

NEUROSCIENCE (NEUR)

NEUR 160L: Mysteries of the Mind

(Mysteries of the Mind: Introductory Neuroscience) This course introduces students to neuroscience (the biology of how our brain produces our behaviors) in a rigorous interdisciplinary way. If you are intensely interested in how we sense, move, plan, focus, think, feel, communicate, eat, sleep, learn, remember, and more, this course is for you. Students engage in hands-on human brain anatomy, learn from world-class neuroscientists through guest seminars, and debate ethical dilemmas that face society. Through primary scientific literature, students communicate the latest advances illuminating how our brain causes devastating neurological and psychiatric illnesses, like Alzheimer's, Stroke, Depression, and Schizophrenia. In addition to serving as an introductory core for the neuroscience major and minor, it meets biological inquiry core requirement for the biology major and general elective requirement for the psychology major. Students must also register for a lab.

(This course satisfies Natural Science and Speaking Intensive.)

Cross Listed: BIOL 160

NEUR 268: Music and the Mind

In this course, we wrestle with fundamental questions regarding music and the human experience. Why does music exist? How did it evolve in the human species? What, exactly, does it do to us, as listeners and as practitioners? How does music change our brains? Is there really such a thing as a "Mozart Effect?" What new promises are there for therapeutic uses for music? Music's presence in the human species is clearly puzzling. While many scholars have speculated a reason for its existence, there is no definitive answer as to why we make music. Nevertheless, we do make music. There is not a single human culture on Earth that has no music. Some of the books we will be reading include *Musicophilia*, *The Singing Neanderthals*, and *This is Your Brain on Music*. Note that this is a course that requires students to give oral presentations. No prerequisites.

(This course satisfies Humanities.)

Cross Listed: MUSC 268

PHILOSOPHY (PHIL)

PHIL 156: Logic and Styles of Arguments

Focus on the 'rhyme and reason' of language. Examination of the reasons arguments are constructed in the ways they are. Investigation of informal, Aristotelian, and propositional logics, with readings from magazine articles, advertisements, and classical philosophers. No prerequisites.

(This course satisfies Quantitative Reasoning.)

PHIL 208: Death

What is death? When do we die? How should we think about our own death? How should we react to the death of others? Is death good or bad for the one who dies? Is death permanent? If not, is immortality desirable? As an introduction to the philosophy of death, this course considers classic and contemporary answers to these enduring questions. Students learn how to think carefully and deeply about the philosophical issues and problems surrounding death. At the same time, they are invited to contemplate the value and meaning of their lives in relation to their own mortality. No prerequisites.

(This course satisfies Humanities.)

PHIL 220: Philosophy of Education

Survey of significant theories of education, introduction to philosophical analysis of educational concepts, and development of analytical skills applicable to clarifying and resolving pedagogical and policy issues.

(This course satisfies Humanities.)

Cross Listed: EDUC220

PHIL 222: The Humanist Ethics of AI

(The Humanist Ethics of Artificial Intelligence) This course is designed to equip students with the knowledge and skills necessary to work effectively with AI in their future careers. It emphasizes the ethical development of AI, the advancement of technology in a manner that is equitable and just, and the importance of fostering meaningful collaborations between humans and AI systems. The curriculum delves into the relationship between AI and the humanistic tradition, drawing from

interdisciplinary sources that focus on historical and practical questions, with a strong emphasis on ethics, justice, and fairness. The course explores questions of bias and safety in AI as those issues are connected to the humanist tradition. This course meets the Forester Fundamental technology skills requirement, and students directly use AI technology for a significant portion of their coursework.

(This course satisfies Humanities and Technology Intensive.)

PHIL 272: African American Philosophy

This course is an introduction to African American contributions to traditional areas of philosophy, such as metaphysics, epistemology, political philosophy, and aesthetics. Simultaneously, it serves as an introduction to the many ways that the lived experiences of African Americans, from the Transatlantic Slave Trade to the Black Lives Matter Movement, have created new opportunities to challenge traditional philosophical narratives. We pay special attention to the unique ways in which African American philosophical concepts, theories, problems, and methods constitute both a "philosophy born of struggle," as Leonard Harris argues, and a new tradition within Western philosophy. Major philosophers we may study include Cornel West, Angela Davis, Tommy Curry, Joy James, and Alain Locke.

(This course satisfies Humanities and Domestic Pluralism.)

Cross Listed: AFAM 272

PHIL 290: Ancient Greek Philosophy

The 20th century philosopher, Alfred North Whitehead, once commented that all of Western philosophy has been merely a series of footnotes to Plato. What did he mean by this? As I see it, he meant that there are no questions or concerns in Western philosophy that were not at least anticipated in the Platonic dialogues. But Plato had formative influences in Socrates and the pre-Socratic philosophers. And his most famous pupil, Aristotle, criticized his views almost immediately. We explore in some depth the origins of Western philosophy in the ancient Greeks, particularly Plato and Aristotle.

(This course satisfies Humanities and Writing Intensive.)

Cross Listed: CLAS 290

PHYSICS (PHYS)

PHYS 106: Light, Sound and Waves

The behavior of waves, including water, sound, radio, and light. Optics of lenses and mirrors. Lasers and holography. Musical instruments. Three hours of lecture per week; no laboratory. No prerequisites.

(This course satisfies Natural Science.)

PHYS 110L: Introductory Physics I

The first half of elementary physics without calculus. Kinematics and Newton's laws of motion for translations and rotations. Conservation principles of energy, momentum, and angular momentum. Oscillations and waves. Three hours of lecture and one laboratory per week. Uses algebra and trigonometry. (Credit may not be earned in both Physics 110 and 120.)

(This course satisfies Natural Science.)

PHYS 120L: General Physics I

The first half of elementary physics using calculus. This is the most appropriate first course for students majoring in the physical sciences. Kinematics and Newton's laws of motion for translations and rotations. Conservation principles for energy, momentum, and angular momentum. Oscillations and waves. Three hours of lecture and one laboratory per week. Prerequisite or corequisite: Mathematics 110. (Credit may not be earned in both Physics 120 and 110.)

(This course satisfies Natural Science.)

PHYS 210L: Modern Physics

Introduction to the special theory of relativity and the elements of quantum theory. Theoretical and experimental investigations of atomic, nuclear, and particle physics. Atomic spectra, X-ray spectra, Compton scattering, nuclear counting techniques, half-life measurements, and neutron activation. Three hours of lecture and one laboratory per week. Prerequisites: Physics 121 (or 111) and Mathematics 111 or permission of the instructor. Student must also register for a lab.

(This course satisfies Natural Science and Technology Intensive.)

PHYS 260L: Optics

Geometric and wave optics at an intermediate level. Topics include interference, diffraction, scattering, polarization, and absorption. Matrix methods. Applications of lasers. Three hours of lecture and one laboratory per week. Prerequisite: Physics 121 (or 111) and Mathematics 111. (Offered in alternate years.) Student must also register for a lab.

(This course satisfies Natural Science and Technology Intensive.)

POLITICS (POLS)

POLS 110: Introduction to Global Politics

This course studies political behavior globally, involving countries, intergovernmental and non-governmental organizations, and other international actors. It introduces students to the analytical tools – concepts, models, and theories – scholars use to

explain and understand global phenomenon past and present, such as war and peace, weapons proliferation, trade and development, international law, the environment, human rights, migration, and public health.

(This course satisfies Social Science and Global Perspective.)

Cross Listed: IREL 140

POLS 120: Introduction to American Politics

Origins of the American political system, basic institutions, political parties and interest groups, and evolution of constitutional interpretation. No prerequisites.

(This course satisfies Social Science.)

POLS 130: Great Political Ideas

What is a person's place within a larger community? How ought we to organize our societies to create peace and/or justice? These are the fundamental questions political theorists ask. This course is an introduction to basic concepts of political thought, as well as a review of some major thinkers in political theory, both ancient and modern. Emphasis is on learning to read theoretical texts and interpreting them. Course readings are likely to include works by Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, Tocqueville, Marx, Mill, and others. No prerequisites.

(This course satisfies Humanities.)

POLS 140: Intro to Comparative Politics

This course is an introduction to the main concepts and theories of comparative politics. Students explore central questions of comparative politics research, such as: do variations in political institutions (constitutions, elections, parties, and party systems) matter and why? What are the different ways in which citizens participate in politics and how has it changed over time? What are the key differences between democratic and authoritarian regimes and how a country may transition from one to another? In addition, students also learn about fundamental principles and methods of comparative political analysis. Lastly, case studies of different countries around the globe help students apply abstract theories, concepts, and methods and thereby develop strong analytical and critical thinking skills.

(This course satisfies Social Science and Global Perspective.)

Cross Listed: IREL 130

POLS 150: Public Policy Studies

This course focuses on how public officials address policy problems, and why they select the solutions they do. We examine the public policymaking process, paying particular attention to the role played by political actors (elected officials, interest groups, governmental agencies) seeking to influence the tone and direction of policy. Attention will also be paid to how particular policy issues and problems gain (or fail to

gain) the public's attention, including the role that political elites and the media play in agenda setting. Finally, the course assesses the effects of public policies on citizens' lives. In doing so, students will assume the role of "policy analyst," learning how to write briefs in which they evaluate various policy reforms. In sum, students will gain the necessary tools to systematically assess when a public policy is achieving its desired goals and whether it is being implemented effectively and efficiently. No prerequisites.

(This course satisfies Social Science.)

Cross Listed: PPCY 150

POLS 242: Politics of the Global South

This course introduces students to contemporary political, economic, and social issues in Asia, Latin America, the Middle East and North Africa, and Sub-Saharan Africa—regions of the world that are referred to collectively as the Global South. Students survey major relevant theoretical approaches in comparative politics and situate non-Western states in global political, economic, and social context. Students also explore specific topics, such as democratization, nationalism, state-building, and civil society.

(This course satisfies Social Science and Global Perspective.)

Cross Listed: IREL 242

POLS 245: Global IR Theory

In this course, students survey the major theoretical models and concepts associated with the study of international relations in the West and other regions of the world for the purpose of analyzing and thinking critically about contemporary international political issues. Prerequisite/Corequisite: POLS 110 or POLS 140.

(This course satisfies Social Science and Global Perspective.)

Cross Listed: IREL 245

POLS 251: Family Structure & Political Theory

Sexuality, child rearing, marriage, and family construction are crucial issues to political theorists, especially since the family is the fundamental social unit. Through an examination of traditional political theorists, this course explores the treatment of these issues, and how they affect other, more established political problems such as citizenship, property, and community. Current legal and practical problems involving families inform and illuminate our perusal of political theorists' approach to the relationship between the private family and the state. POLS 130 is recommended but not required.

(This course satisfies Humanities.)

POLS 260: Introduction to Legal Studies

Questions of law and justice reflect our most basic human values, drawing on ancient religious and humanistic traditions but adaptable to a modern, post-enlightenment world. This introductory course provides an interdisciplinary curriculum by which students explore the different ways that society uses legal ideas, policies, institutions and processes to pursue justice, order, and the allocation of property rights. No prerequisites.

(This course satisfies Social Science.)

POLS 265: Immigration Law and Policy

This course provides an in-depth understanding of our current U.S. immigration regime using a multi-disciplinary approach. It explores the range of policy issues affecting today's immigrants and nonimmigrants. The course examines the fundamental principles of immigration law in the context of competing interests among Congress, the President, and the Judiciary that shape this nation's current immigration policy and affect reform efforts. Additionally, the course focuses on the human rights aspect of immigration, including issues related to the treatment of undocumented immigrants, human trafficking, and the system's response to the recent influx of refugees and asylum seekers. No prerequisites.

(This course satisfies Social Science and Domestic Pluralism.)

POLS 269: Testimony and Trials

This course will examine how the U.S. Constitution's procedural safeguards in the 4th, 5th, 6th, 7th and 8th amendments are effectuated in a court of law. The course will explore how constitutional law and rules of evidence and procedure intersect with concepts of justice and fairness. Students will study the law, sociology, and the philosophy of the trial process.

(This course satisfies Social Science and Speaking Intensive.)

POLS 272: Mock Trial

Mock trial is a competitive trial advocacy program where students compete regionally as attorneys and witnesses in civil and criminal cases. Students in this competitive program craft case theories, learn rules of evidence and evidentiary objections, and draft and perform opening statements, direct and cross examinations, and closing arguments for timed competition. Students enrolled in the course are expected to compete in the regional competition held annually in February. Enrollment by permission of instructor only.

(This course satisfies Experiential Learning and Speaking Intensive.)

Cross Listed: THTR 272

POLS 279: Topics: Due Process & Habeas Corpus

This course examines the meaning, evolution, and practice of the ideas of due process and habeas corpus, tracing their development from antiquity through the United States Constitution to their modern applications in the United States and around the world. The course requires no previous training in politics, law, or history. We examine foundational documents and scholarly analyses to assess how social, political, and legal systems have understood a state's obligation to provide fair procedure in cases having potential to deprive individuals of life, liberty, or property. These documents may include selections from Aristotle's *Politics* and *Rhetoric*, the Athenian Constitution, the Justinian Code, the Magna Carta, the United States Constitution, opinions of the United States Supreme Court and other judicial bodies, the Universal Declaration of Human Rights, and the Geneva Convention. We also read narrative literature, which may include Dickens's *Tale of Two Cities*, Kafka's *The Trial*, or Atwood's *The Handmaid's Tale*, to lend immediacy to our analysis. The course connects these traditions to contemporary debates, including national security detention, immigration enforcement and deportation, police practices, acts of war, and the role of courts in emergencies.

(This course satisfies Social Science.)

POLS 282: Black Politics and Protests

This course traces moments in the history of Black America's quest for freedom and survival. This course analyzes how Black political movements have operated in relation to, and in response to, segregation, (un)employment, housing, policing and incarceration, voting rights, health, education, and law. Consequently, this course examines how state repression has responded to, neutralized, and liquidated Black movements and the people that led them. While the focus is primarily on Black American politics and struggle, this course also showcases how Black political engagement has always been globally linked with struggles for liberation across Africa and the Caribbean, Latin and South America, Europe, and Asia. From slavery and abolition, the Civil War and Reconstruction, Jim Crow and Civil Rights, neoliberalism and war, to the election of Barack Obama in 2008, we examine the cultural, social, and political depth that Black people have carved in a history of American political discourse. No prerequisites.

(This course satisfies Humanities and Domestic Pluralism.)

Cross Listed: AFAM 200

PSYCHOLOGY (PSYC)**PSYC 110L: Intro to Psychological Science**

(Introduction to Psychological Science) This course provides a broad, general introduction to the field of psychology, the scientific study of behavior. Topics surveyed include scientific methodology, biological bases of behavior, sensation and

perception, states of consciousness, learning, thinking, memory, motivation and emotion, development, personality, stress and health, psychological disorders and psychotherapy, social interaction, and diversity. Satisfactory completion of Psychology 110 is a prerequisite for most advanced courses in psychology, which generally cover in greater depth and breadth the topics you will encounter in this course. Three lectures and one laboratory per week.

(This course satisfies Natural Science.)

PSYC 210: Developmental Psychology

An examination of the principles of development with an emphasis on interpretation of empirical studies and theories. We stress the ongoing interplay of biological and environmental forces as influences on development; place development in a broad context of culture, class, and history; view children and adolescents as active shapers of their environment; emphasize both continuity and the capacity for change; and consider implications of developmental psychology for educators, practitioners, parents and policymakers. Prerequisite: Psychology 110.

(This course satisfies Social Science.)

Cross Listed: GSWS 210

PSYC 221L: Research Methods & Statistics I

An introduction to the basic research methods and statistical techniques used in psychology. In the first semester, the primary focus will be on descriptive and relational methods (e.g., naturalistic observation, surveys, correlational designs) and descriptive statistics. In the second semester the primary focus will be on controlled experiments and inferential statistics. The course sequence includes a required laboratory component in which students gain hands-on experience using statistical software to analyze psychological data. Prerequisite for 221: Psychology 110 with a grade of at least C-. Psychology 221 and 222 must be taken in sequence. Student must also register for a lab.

(This course satisfies Natural Science and Technology Intensive.)

PSYC 222L: Research Methods & Statistics II

An introduction to the basic research methods and statistical techniques used in psychology. In the first semester, the primary focus will be on descriptive and relational methods (e.g., naturalistic observation, surveys, correlational designs) and descriptive statistics. In the second semester the primary focus will be on controlled experiments and inferential statistics. The course sequence includes a required laboratory component in which students gain hands-on experience using statistical software to analyze psychological data. Prerequisite for 222: Psychology 221 with a grade of at least C-. Psychology 221 and 222 must be taken in sequence. Student must also register for a lab.

(This course satisfies Quantitative Reasoning and Technology Intensive.)

PSYC 250: Community Psychology

How does a person's environment affect her or his psychological well-being? How can psychological principles and research be used to address social problems, enhance individual's and community's well-being, and create systems-level change? This course introduces students to the field of community psychology, which strives to understand people in their social, cultural, and historical contexts. Topics include oppression and social problems, prevention, as well as individual and community empowerment. Prerequisite: Psychology 110.

(This course satisfies Social Science.)

PUBLIC POLICY STUDIES (PPCY)

PPCY 150: Public Policy Studies

This course focuses on how public officials address policy problems, and why they select the solutions they do. We examine the public policymaking process, paying particular attention to the role played by political actors (elected officials, interest groups, governmental agencies) seeking to influence the tone and direction of policy. Attention will also be paid to how particular policy issues and problems gain (or fail to gain) the public's attention, including the role that political elites and the media play in agenda setting. Finally, the course assesses the effects of public policies on citizens' lives. In doing so, students will assume the role of "policy analyst," learning how to write briefs in which they evaluate various policy reforms. In sum, students will gain the necessary tools to systematically assess when a public policy is achieving its desired goals and whether it is being implemented effectively and efficiently. No prerequisites.

(This course satisfies Social Science.)

Cross Listed: POLS 150

RELIGION (RELG)

RELG 110: Intro to the Study of Religion

In this course, we learn about the academic study of religion, as distinct from the way that religion is studied within a faith community. The course does not assume any religious identity or background. Students will study sacred texts, religious practices,

worldviews, and traditions. The course introduces different ways of studying religion and also surveys some of the major religions practiced throughout the world.

(This course satisfies Global Perspective and Humanities.)

RELG 118: Comparative Religious Ethics

This course introduces the sources and patterns of moral reasoning within different religious traditions, both Western and non-Western. Participants compare arguments advocating specific positions on such issues as the morality of war, nature of corporate ethics, treatment of the environment, bio-ethical decision-making, rights of animals within a society, and the responsibility of government to protect its constituents.

(This course satisfies Global Perspective and Humanities.)

Cross Listed: ETHC 118

RELG 212: Global Christianity

This course explores the origin, development, and contemporary state of Christianity with reference to the many cultures and societies that have shaped it, the world's largest religion. We begin with the origin and early development of Christianity within the context of ancient Judaism and the Roman Empire. We consider the development of Christianity into its many contemporary forms and focus throughout the class on how Christianity is practiced throughout the world. We pay special attention to how Christianity has developed in places unfamiliar to most Americans, such as Eastern Europe, Asia, and Africa. No prerequisites.

(This course satisfies Humanities and Global Perspective.)

Cross Listed: IREL 262

RELG 222: Yoga: Culture, Theory, and Practice

What is the history of yoga, from ancient Asian religious origins to contemporary Western body culture? Taking a multidisciplinary approach towards the cultural, philosophical, and physical practices that we call yoga, this course analyzes a range of media from written texts and documentary films to Instagram and reality television. Each class meeting consists of both seminar discussion and a firsthand exploration of postures, meditation, and mindfulness. Topics include colonialism, orientalism, and cultural appropriation in yoga's history, a comparative analysis of the Indian yogic subject and the Western modern subject, and their distinctive concepts of body, mind, and spirit. We ask what a "yoga body" looks like, from Lululemon and yoga as a competitive sport to the body positivity and disability rights movements, and consider how #metoo is precipitating change in the yoga world. We also explore the emergent scientific discourse around yoga, meditation, and mindfulness. No prerequisites.

RELG 224: Islam and Science

As an introduction to the relationship between Islam and science from both historical and contemporary perspectives, this course examines the major contributions of medieval Muslim scientists and their influence on modern science. Muslim medieval inventions and advances have shaped Western science for hundreds of years. Ibn Sina (Avicenna), Ibn Al-Haitham (Alhazen), al-Khawarizmi (Algorithmi), and Ibn Rushd (Averroes) were among the many Muslim scientists and philosophers who developed existing disciplines in astronomy, medicine, mathematics, physics, and chemistry, and transferred ancient knowledge from the Middle East, Greece, China, and India to European cultures. The course explores various scientific attempts at an interpretation of the Qur'an and how those attempts shaped the Muslim perception of science in general. The course also touches upon modern debates within Islamic and applied science, particularly in the field of bioethics. Focusing on contemporary controversies, the course examines, for example, attempts by contemporary Muslim scientists and religious scholars to reconcile or disprove the theory of evolution. No prerequisites.

(This course satisfies Humanities and Global Perspectives.)

Cross Listed: ISLM 224

RELG 256: Literature, Culture, Religion & AI

This course explores representations of Artificial Intelligence in post-1900 American literature, culture, and religion. Students engage with various depictions of A.I.—from embodied androids and cyborgs to non-embodied computer systems and networked intelligence. We consider questions about means to be a person, and the nature of the self, consciousness, and the supernatural. We pay particular attention to our relationship to the non-human and the trans-human: the A.I., the robot, the alien, the divine. Key themes include the ethical implications of A.I., fears about an A.I. apocalypse, the nature of consciousness/sentience/soul, the impact of A.I. technology on identity and society, and the potential for algorithmic bias and social control. The course includes textual analysis, class discussions, and research projects—as well as the student use of A.I. in their class projects to achieve the FFC Technology Tag.

(This course satisfies Humanities and Technology Intensive.)

Cross Listed: ENGL 238

SOCIOLOGY AND ANTHROPOLOGY (SOAN)**SOAN 110: Introduction to Sociology and Anthropology**

Sociology and anthropology share a focus on exploring the social (group rather than individual) bases of human practices and behaviors. Both disciplines study social

interaction and such social institutions as family and religion. This course introduces students to key concepts for viewing the world through sociological and anthropological lenses, including cultural relativism, material culture, and the social construction of human experience through categories like race, class, and gender. Limited to first- and second-year students. Not open to students who have taken SOAN 100.

(This course satisfies Social Science.)

Cross Listed: IREL 160

SOAN 206: Introduction to Disability Studies

Disability Studies emerged as a formal field of study in the 1980s and focuses on how "disability" is created, understood, and navigated by society. This course takes up questions proposed by Disability Studies: When does a difference in how someone uses their body or mind become an impairment? What kinds of impairments do different societies consider disabling? Why are so many differences pathologized and medicalized, focused on "fixing" people rather than on understanding them? How does the societal label of disability affect how people are treated by others in their communities? How does it affect a person's sense of self? What does a society's idea of a disability reveal about the anxieties and values shaping that society? And, perhaps most importantly, how does interrogating the idea of disability open us to more useful understandings of ideas like inclusion? No prerequisites.

(This course satisfies Social Science and Domestic Pluralism.)

SOAN 216: Introduction to Archaeology

This course is an introduction to the anthropological subfield of archaeology, its practices, methods, and the political and social issues that arise when we study human pasts. The course considers the history of the discipline and its theoretical underpinnings, then looks at how archaeologists create research designs, discover and excavate sites, analyze artifacts and features, and disseminate their findings. It also introduces a series of spatiotemporally diverse archaeological case studies, calling on the students' understanding of basic archaeological concepts while emphasizing the ways that archaeological practice and museum display necessarily engage with political and social movements. Special attention is paid to how the archaeological record captures experiences of people of color, women, working class people, and those who are not literate. Multiple examples interpreted via material remains introduce students to the complexity of human experiences within a framework of cultural relativism. Field projects, in-class activities, and films supplement traditional lectures. No prerequisites.

(This course satisfies Social Science.)

SOAN 220: Domains of Human Evidence

Anthropology literally translates to the study of man, and the discipline takes humankind as its object. This course explores the four distinct ways in which anthropologists have sought to understand humans: 1) as animals whose potential and limits are set by their physiological qualities (physical anthropology); 2) as material workers who shape and are shaped by their environment and who leave their mark on the landscape (archaeology); 3) as cultural creatures who collectively produce ways of interacting with and imposing meaning on the world and one another (socio/cultural anthropology); 4) as language bearers who mediate their experience with complex grammars and symbol systems (linguistic anthropology). These domains of evidence are key to developing an in depth understanding of what anthropology can do, and this course is foundational for upper level anthropology courses. Prerequisite: Sociology and Anthropology 110.

(This course satisfies Social Science and Domestic Pluralism.)

SPANISH (SPAN)

SPAN 111: Accelerated Spanish

Spanish 111 is an intensive course designed to develop the ability to speak, read, write and navigate communication situations in the target language. Basic vocabulary and grammar are integrated into cultural readings, class discussions, and short compositions to apply the spoken and written language and increase understanding of elements of Spanish-speaking cultures. This intensive course is designed for highly motivated students and replaces SPAN110 and 112. No prerequisites.

(This course satisfies Humanities.)

SPAN 210: Intermediate Spanish

This course provides a systematic review of the basic elements of Spanish grammar and enhance vocabulary acquisition with emphasis on effective communication. Culture-based readings, videos, and a variety of oral and written exercises address historical and social contexts. Increased linguistic fluency and cultural understanding prepare students for success in more advanced coursework and study abroad. Students should follow with SPAN 212 in spring to complete the year-long sequence.

(This course satisfies Humanities and Global Perspective.)

SPAN 212: Advanced Intermediate Spanish

Spanish 212 is an advanced course to continue developing students' listening, speaking, reading, and writing abilities. Some of the course objectives include fostering classroom discussion, writing guided compositions, reviewing grammar topics, and building vocabulary beyond the elementary and intermediate levels. In

addition to language studies, some aspects of Hispanic/Latino cultures are introduced through the reading of contemporary fiction as well as articles. Practice in reading contemporary fiction and expository prose, drama, and poetry to develop reading ease and accurate comprehension beyond the elementary and intermediate levels. Prerequisite: Spanish 210 or placement at the 212 level.

(This course satisfies Humanities and Global Perspective.)

SPAN 255: Conversation and Composition

Intensive practice and free conversation and composition on a wide range of topics reflecting the needs and interests of the participants. Concentrated study of vocabulary, idioms, and selected grammar patterns and paradigms needed for oral proficiency. Activities include drills, discussions based on readings, debates, dialogues, and sketches. Supporting materials will be drawn from Latin American and Peninsular short stories, films, magazines, and newspapers. Prerequisite: SPAN 212 or higher or placement exam recommendation or permission of instructor. Not open to heritage speakers, except by permission of instructor.

(This course satisfies Humanities and Speaking Intensive.)

SPAN 260: Spanish for Heritage Speakers

This course is specifically oriented towards heritage speakers of the language - this is, those for whom Spanish is the predominant spoken language in the home. Students who enter this class will not necessarily have had a formal education in the language, but they must be native speakers of it. The course introduces, reiterates and fortifies the student's grammatical and compositional skills while refining his/her oral expression. The class is conducted exclusively in Spanish, and in addition to the requisite participation, there are a considerable number of writing, literary analysis and reinforcement assignments throughout the semester. The students also research the various dialects of Latin American, Peninsular as well as U.S. Spanish.

(This course satisfies Domestic Pluralism and Speaking Intensive.)

THEATER (THTR)

THTR 120: Acting I: Being on Stage

This course explores the many times we are on stage in life: job interviews, business presentations, teaching a class, or even in a court of law. It is also an introduction to a wide variety of performance experiences including lecture, poetry and prose reading, stand-up comedy, improvisation, dance and music, as well as acting. Particular emphasis is on key presentation components of physical comfort and presence, clarity of message or intent, and variety in vocal delivery. Students will attend events in Chicago and on campus in order to learn how to talk and write about being on stage when performing in the theater or in daily life. Numerous explorations

and on-stage exercises lead to final projects. This course is ideal for students majoring in the fields of music, communication, education, pre-law, pre-med, or business, as well as beginning or experienced actors.

(This course satisfies Creative & Performing Arts.)

THTR 160: Stagecraft for Stage and Screen

An introduction to the technology employed backstage to create the magic of theatrical productions. This course is open to beginning students in all disciplines and will provide an experiential and practical orientation to stagecraft through hands-on projects in: set and prop construction, hanging & focusing lights, painting, makeup, and stage management. Other topics include theater terminology, safety procedures, and hand & power-tool usage.

(This course satisfies Creative & Performing Arts.)

THTR 200: Production Practicum

The Production Practicum THTR 200 sections 01, 02, 03 and 04 provide theater students with an opportunity to earn college credits for supervised projects in any area of production, excluding performance. This includes developing contracts between students and the assigned instructor, and shop supervisors and staff, contracting to perform 40 hours on tasks, keeping track and reporting those hours and becoming accountable for completing assignments within the allotted time. Ideally, students should register for section 01 as a freshman; section 02 as a sophomore; section 03 as a junior; and section 04 as a senior. A total of four .25 credits of practicum are required for graduation. The Chair of the Theater Department must approve all registrations.

(This course satisfies Creative & Performing Arts.)

THTR 230: World Performance I

This required course for theater majors provides a wide-ranging and inclusive survey of the history of theater and performance from ancient Greece to the 17th century. It includes such developments as ancient Greek drama, Yoruba and Hopi ritual, Japanese noh drama, the medieval morality play, and the English high renaissance, culminating in Moliere's Paris. In addition to in-depth study of plays, emphasis is placed on viewing ritual as performance, acting styles, production techniques, and the socio-political milieu that formed the foundation of the theater of each culture and period. No prerequisites.

(This course satisfies Global Perspective and Writing Intensive.)

THTR 236: Shakespeare

Selected plays to show Shakespeare's artistic development; intensive analysis of major plays.

(This course satisfies Humanities and Writing Intensive.)

Cross Listed: ENGL 220

THTR 250: Exploring Chicago Stages

There's no better way to get to know Chicago -- in all its cultural diversity -- than by exploring its theater scene, recognized as one of the best in the world. In this class students read, discuss, and attend performances of classic and contemporary plays at theaters throughout the city, ranging from small 'storefront' companies to such institutions as the world-famous Goodman and Steppenwolf Theaters. In this class, we discuss how theater both reflects and shapes our understanding of various identities in society at large, and we draw from the field of performance studies to think about how theater can help us understand the politics of identity. Students read scripts and criticism, write reviews and research papers, and participate in workshops with local artists.

(This course satisfies Humanities and Domestic Pluralism.)

THTR 272: Mock Trial

Mock trial is a competitive trial advocacy program where students compete regionally as attorneys and witnesses in civil and criminal cases. Students in this competitive program craft case theories, learn rules of evidence and evidentiary objections, and draft and perform opening statements, direct and cross examinations, and closing arguments for timed competition. Students enrolled in the course are expected to compete in the regional competition held annually in February. Enrollment by permission of instructor only.

(This course satisfies Experiential Learning and Speaking Intensive.)

Cross Listed: POLS 272

THTR 285: Creative Arts Entrepreneurship

Creative Arts Entrepreneurship will offer an overview of the processes, practices, and decision-making activities that lead to the realization of our creative ideas. Students from across the humanities, arts, sciences, and business will learn the unique contexts and challenges of creative careers, with an emphasis on collaborative projects. The course will help students understand the nature and structure of arts enterprise while cultivating their own career vision and creative goals. Creative Arts Entrepreneurship is designed for students interested in developing, launching, or advancing innovative enterprises in arts, culture, and design, and those who love the initiative, ingenuity and excitement of putting creative ideas into action. The course combines readings and in-class discussions with site visits, case studies, guest lectures by working artists and creative professionals, and student-driven projects. No prerequisites.

Cross Listed: MUSC 285, ENTP 285, ART 285, ENGL 285

Non-credit courses

These courses are available for students to take in the fall semester. Please note that these courses do not carry any credit.

Physical Education (PHYE)

PHYE 114: Beginning Tennis

PHYE 115: Racquetball

PHYE 117: Beginning Golf

PHYE 118: Beginning Swimming

PHYE 130: Adv Strength & Conditioning

PHYE 131: Beg. Strength & Conditioning