

NEW TOPIC TITLES

CHEM 800 Special Topics in Chemistry (3)

Prerequisite: Graduate standing in Chemistry or consent of the instructor.

Advanced and current study in various chemistry and biochemistry specialties. Topics to be specified in the Class Schedule. May be repeated when topics vary.

1. Fundamentals of Electrochemistry and Electrochemical Devices

CINE 656 Screenwriting Workshop: Special Topics (3)

Prerequisites: Restricted to senior Cinema majors and minors; CINE 200, CINE 202*, CINE 204*, CINE 211*, and CINE 212* or equivalents with grades of C or better; CINE 450* or equivalent; or consent of the instructor. Students are restricted to a maximum of two 400-level OR two 600-level courses per semester. CINE 450, CINE 454, CINE 458, or CINE 601 may be taken concurrently without a formal exception. Exceptions to this limit require both the consent of the instructor and approval by the Director of the School of Cinema.*

Advanced screenwriting workshop that examines advanced projects in film writing. Special topics to coincide with instructor specialization and to be specified in the Class Schedule. May be repeated for a total of 6 units when topics vary.

1. Fantasy and Science Fiction Genre Screenwriting

DES 475 Topics in Design (3)

Prerequisites: Restricted to upper-division Design majors; DES 300 and DES 322* or equivalents; or consent of the instructor.*

Directly supervised special topic design study taking various forms including teaching assistantship, group project, etc. Topics to be specified in the Class Schedule. May be repeated for a total of 9 units when topics vary. [Formerly DAI 475]

1. A Business Approach to Branding and Marketing

PSY 305GW Writing in Psychology – GVAR (3)

Prerequisites: Restricted to Psychology majors; GE Area A2; PSY 371 with a grade of C or better; completion of 60 units.

Topics to be specified in the Class Schedule. May be repeated when topics vary. No more than 3 units may be applied toward the Psychology major. (ABC/NC grading only)

1. Writing for Academic Audience
2. Writing for Popular Press Audience
3. Social, Personality, and Affective Science
4. Mind, Brain, and Behavior
5. Cognitive Processes
6. Workplace Behavior
7. Observations of Children
8. Schools and Education
9. Clinical Issues & Disorders

PSY 891 Seminar in Selected Problems (3)

Prerequisite: Restricted to Psychology graduate students and School Psychology Credential students.

Special areas of advanced applications of psychological research and theory. Topics to be specified in the Class Schedule. May be repeated for a total of 9 units when topics vary.

1. Children's Reasoning about Social Inequality

NEW COURSES

ARTH 203 Global Art History I (3): C1, GP; CS-01; Fall 2021

Introductory survey of art produced globally, from the prehistoric period through the 15th century CE with an emphasis on global encounter and exchange, and practices in the digital humanities. Includes art from Asia, Africa, the Middle East, Europe, and the Americas. Explores the ways in which art is produced by local cultures and through contact with networks of trade and migration, shaped by the dynamics of power, trade, conquest, and territorial expansions.

ARTH 204 Global Art History II (3): C1, GP; CS-01; Fall 2021

Introductory survey of art produced globally, from 1492 through the present, through a postcolonial and decolonial perspective. Includes art from Asia, Africa, the Middle East, Europe, and the Americas with an emphasis on cross-cultural encounters and exchanges. Explores the ways in which art is implicated in networks of trade and migration, and shaped by the dynamics of capitalism, colonialism, science, modernity, ecology, postcolonialism, feminism, and globalization.

C J 230 Crime, Data, and Analysis (3): D1; CS-01; Spring 2021

Prerequisite: Upper-division standing or consent of the instructor.

Introduction to practices of knowledge production related to crime and criminal justice. Analysis of the practices of 'crime speak': what we say, why we say it, and what consequences talking about crime and criminological data have in society today. Exploration of how crime is defined, measured, and analyzed; how the definition of crime shapes the practices of data collection and dissemination; and the impact of knowledge production on people.

C J 420 Introduction to Forensic Science (3): UD-B; CS-01 & CS-16; Spring 2021

Prerequisites: Restricted to upper-division standing; GE Areas A1, A2*, A3*, and B4* all with grades of C- or better; concurrent enrollment in C J 300.*

Introduction to forensic evidence and operations of a crime lab. Exploration of the sub-disciplines of forensic science, characteristics of evidence, methods of laboratory analysis, requirements of courtroom admissibility, expert testimony, and forensic error. Lecture, 2 units; laboratory, 1 unit.

COMM 744 Seminar in Environmental Communication (4): Regular; CS-05; Spring 2021

Prerequisite: Restricted to graduate standing or consent of the instructor.

Survey of the transdisciplinary field of environmental communication, emphasizing the persuasive and constitutive roles that communication plays in shaping environmental cultures, navigating environmental problems, and cultivating more ecologically and socially just relations.

CSC 310 Computer Programming Lab (1): Regular; CS-15; Spring 2021

Prerequisite: Concurrent enrollment in CSC 309 is recommended.

Exercises in Python programming and use of basic software development tools.

ENGR 438 Transportation Planning (4): Regular; CS-02 & CS-16; Spring 2021

Prerequisites: ENGR 271 and MATH 245* (may be taken concurrently).*

Introduction to the principles and methods of planning transportation infrastructure. Techniques and tools to estimate traffic generated by land use development and forecast traffic growths.

Applications of decision and economic theory on travel behaviors and congestion pricing.

Environmental impact analysis in the context of transportation-land use systems. Planning methods and design guidance for bikes and pedestrians. Lecture, 2 units; laboratory, 2 units.

(Plus-minus letter grade only)

LTNS 565 Central Americans Writing in the United States (3): Regular; CS-02; Spring 2021

Prerequisites: Upper-division standing or consent of the instructor.

Investigation of Central American immigrant experiences and their cultural and political impact on the artistic and academic sectors. Review of Central American diasporic literature beginning from the early works of Washington D.C. pioneers, to West Coast journalism, and the performance and poetry of recent generations. Exploration of the various stages of this evolving literature, including a range of undocumented, queer, Afro, and Indigenous Central American voices.

MATH 425 Applied and Computational Linear Algebra (3): Regular; CS-02; Spring 2021

Prerequisites: MATH 325, and MATH 309 or CSC 210, all with grades of C or better.

Explores techniques for solving huge linear systems, covering both the theory behind the techniques and the computation. Reviews and further develops concepts from MATH 325 and uses them to efficiently solve problems across the natural and social sciences. Problems are drawn from numerical analysis, mathematical biology, data analysis and machine learning, imaging and signal processing, chemistry, physics, economics, computer science, engineering, and other disciplines.

PLSI 789 The Political Theory of Frantz Fanon (3): Regular; CS-05; Spring 2021

Prerequisite: Graduate standing or consent of the instructor.

Exploration of the work of Frantz Fanon, a key political philosopher in the fields of critical race studies, radical politics, and the forms of resistance. Fanon makes several key interventions into thinking about the nature of politics including the nature of identity, the role of race, and the forms of resistance that can and must be taken up. Focus on both Fanon's own work and times as well as the role his philosophy plays in more contemporary forms of thinking and action. (Plus-minus AB/NC/RP grading only)

PSY 464 Psychology of Career Pursuit (3): UD-D; CS-01; Spring 2021

Prerequisite: Restricted to upper-division standing or consent of the instructor.

Evaluation of psychological research related to career interests, career success, job satisfaction, and workplace discrimination. Examination of the legal standards for determining workplace discrimination and harassment. Development of skills such as resume building, goal setting, network building, job searching, and interviewing. Self-exploration about one's identity and career interests. (Plus-minus letter grade only)