

PROPOSED NEW COURSES
ARTS & SCIENCES FACULTY MEETING
March 20, 2013

Humanities Curriculum Committee

Proposed new courses

CAS LD 219: Igbo 3
Instructor: Nneka Agba
4 credits
Prerequisites: CAS LD120, or consent of instructor

This third-semester four-skills Igbo course develops competence and confidence in the use of Igbo in reading, writing, speaking, and listening in culturally acceptable ways. Students learn to communicate at an intermediate mid-level of proficiency.

CAS LD 220: Igbo 4
Instructor: Nneka Agba
4 credits
Prerequisites: CAS LD 219, or consent of instructor

This fourth semester four-skills Igbo course develops communicative competence and confidence in the use of Igbo in reading, writing, speaking, and listening in culturally acceptable ways. Students learn to communicate at an intermediate high-level of proficiency.

CAS LF 369 E: Topics in Francophone Literature and Film
Instructor: Odile Cazenave
4 credits
Prerequisites: enrollment in the Dakar and Paris: Youth and Migration Program.

Topic for Summer 2013: Youth and Migration in Literature and Film. Examines questions of displacement, postcolonial culture, and identity in works that represent "youth" in West Africa and France. Topics include post-colonial urban youth, the myth of France/the West, and concepts of "home," "here," and "there" across generations.

CAS LJ 485: Intensive Kanji 2
Instructor: Etsuko Snyder
4 credits
Prerequisites: CAS LJ 385 or knowledge of more than 1000 Kanji

Intended for avid learners who already know at least 1000 Kanji. Students become skilled at Jôyô Kanji, learn idiomatic compounds, and are trained in reading advanced materials and writing their own Kanji-rich essays.

CAS LS 306: Translation
Instructor: Christopher Maurer
4 credits
Prerequisites: CAS LS 212, or Spanish SAT subject test score of 560 or higher, or placement test results.

Advanced study of the Spanish language through the translation of written texts. Analysis of the theory and practice of translation as a catalyst of cultural transfer. Taught in Spanish.

CAS LS 307: Literature and the Arts

Instructor: Christopher Maurer and Angélica Avcikurt

4 credits

Prerequisites: CAS LS 212, or Spanish SAT subject test score of 560 or higher, or placement test results.

Advanced study of the Spanish language through the analysis of literature in its relations to the arts: music, painting, dance, performance.

CAS LS 308: Spanish Film and Media

Instructor: Christopher Maurer and Marta Villar

4 credits

Prerequisites: CAS LS 212, or Spanish SAT subject test score of 560 or higher, or placement test results.

Advanced study of the Spanish language through the analysis of the film and media of the Spanish-speaking world: cinema, the Internet, and social media.

CAS LS 310: Spanish for the Professions

Instructor: Christopher Maurer and Sue Griffin

4 credits

Prerequisites: CAS LS 212, or Spanish SAT subject test score of 560 or higher, or placement test results.

Advanced study of Spanish as used in the professions in the Spanish-speaking world. Analysis and discussion of intercultural professional communication; acquisition of specialized vocabulary.

CAS LS 420 / CAS LX 420: Spanish in the United States

Instructor: Daniel Erker

4 credits

Prerequisites: CAS LX 250

An ethnographic survey and sociolinguistic analysis of Spanish as spoken in urban areas of the U.S. Focuses on issues of language and dialect content, language change, the fraught notion of “heritage” speakers, and code-switching as a sociolinguistic phenomenon.

CAS LX 320: Language, Race, and Gender

Instructor: Daniel Erker

4 credits

Prerequisites: CAS LX 250

Do women talk differently from men? How do race and ethnicity relate to the way people use language? This course examines these inter-related questions from the perspective of modern sociolinguistic theory, analyzing a range of languages and communities throughout the world.

Natural Sciences Curriculum Committee**Proposed new courses****CAS AN 556: The Evolution of the Human Diet**

Instructor: Cheryl Knott

4 credits

Prerequisites: CAS AN 102; or consent of instructor

An investigation of human dietary evolution including primate and human dietary adaptations, nutritional requirements, optimal foraging, digestive physiology, maternal and infant nutrition, hunting and cooking in human evolution, and impacts of food processing and agriculture on modern diets and health.

CAS AS 107: Life Beyond Earth

Instructor: Thomas M. Bania

4 credits

Prerequisites: None

About 10% of the planets in our Milky Way galaxy are like Earth in size and material composition. Physical laws covered in this course operate everywhere, so life may be both common and technologically advanced. Where is everybody?

CAS GE 585: Ecological Forecasting and Informatics

Instructor: Michael Dietze

4 credits

Prerequisites: CAS BI 303 or CAS BI 306; CAS MA 121 or CAS MA 123; CAS MA 115 or CAS MA 213 or CAS GE 375; or consent of instructor

The statistics and informatics of model-data fusion and forecasting: data management, workflows, Bayesian statistics, uncertainty analysis, fusing multiple data sources, assessing model performance, scenario development, decision analysis, and data assimilation. Case studies highlight ecological forecasting across a range of subdisciplines.

CAS BB 497 & CAS BB 498: Honors Research in Biochemistry and Molecular Biology Seminar

Instructor: Dean Tolan and BMB Faculty

1 credit

Prerequisites: enrollment in the BMB Honors Program

Co-requisites: CAS BB 401 or CAS BB 402

Research seminars for students in the BMB Honors Program. Includes presentation at the Honors Symposium. A minimum grade of B+ in this course and in CAS BB 401/402 is required to graduate with Honors in Biochemistry and Molecular Biology.

CAS MA 267 S: The Mathematics of Sustainability

Instructor: Emma Previato

4 credits

Prerequisites: CAS MA 121 or CAS MA 123; or consent of instructor

The goal is to develop models for sustainability. "Just-in-time" mathematics/statistics techniques are taught with immediate application, for example: geometry for flight routes; graph theory for social networks; linear algebra for operations research; fractal measures for earthquakes and tsunamis.

Social Sciences Curriculum Committee

Proposed new courses

CAS AN 549: Savagery – Fact, Fiction, and Factual Fiction

Instructor: Parker Shipton

4 credits

Prerequisites: None

Imaginations about animalistic humans, much changed over time, are compared against real cultures and societies. Looking beyond “savagery within civilization” and vice versa, an examination of episodes of romantic stereotyping and of “barbaric” interaction, for motives and for strategies of resolution.

CAS EC 203: Empirical Economics 1

Instructor: Todd Idson

4 credits

Prerequisites: CAS EC 101 or CAS EC 102

Statistical techniques are presented and applied to a variety of economics problems. Extensive use of the statistical software package STATA.

CAS EC 204: Empirical Economics 2

Instructor: Todd Idson

4 credits

Prerequisites: CAS EC 203 or CAS MA 214 or SMG SM 221

Builds on the material in CAS EC 203, developing more complex statistical techniques and applications.

CAS HI 303: Sex, Love, Family: Relationships in Recent American History and Pop Culture

Instructor: Brooke L. Blower

4 credits

Prerequisites: None

Explores modern American romance and family dynamics, especially since the 1970s. Follows the life cycle from birth to death, surveying common milestones and rituals such as coming of age, coming out, getting married, or having a midlife crisis, and more.

CAS PO 313: The Politics and Policy of HBO's *The Wire*

Instructor: Katherine Levine Einstein and David Glick

4 credits

Prerequisites: None

HBO's television series *The Wire* is used to explore politics and policy. A number of interdisciplinary topics are covered, including the war on drugs, urban elections, bureaucracy, rational choice theory, and the decline of American cities.

CAS PO 331: The Policymaking Process

Instructor: Katherine Krimmel

4 credits

Prerequisites: None

An overview of policymaking in the United States and an exploration of the process, including obstacles faced, of political change. Toward the end of the semester, specific policy areas are analyzed to illustrate some of the broader topics.

CAS PO 356 / CAS IR 356:

Instructor: Rosella Cappella

4 credits

Prerequisites: None

Provides students with the foundation for understanding nuclear security in the twenty-first century. Emphasis on the American Cold War experience, the growing threat of nuclear proliferation, the renaissance of civilian nuclear power, safeguards, and nuclear weapons under budget constraints.

CAS PO 357 / CAS IR 347: Causes of War and Peace

Instructor: Rosella Cappella

4 credits

Prerequisites: None

War is the most destructive social act in which humanity engages. Why does war happen? This question is addressed by focusing on a variety of scholarly explanations. Theoretical discussions are paired with an examination of historical cases.

CAS PO 516: Gender and Politics

Instructor: Katherine Krimmel

4 credits

Prerequisites: None

Analyzes the development of female citizenship in the United States since the 19th Amendment, guaranteeing women's suffrage. Inequalities based on sex and sexuality, and the political and legal attempts to address these issues are discussed.

CAS PO 557 / GRS IR 610: The Political Economy of National Security

Instructor: Rosella Cappella

4 credits

Prerequisites: None

A seminar considering the relationship between economics and national security. The principal theme is the way economic factors fundamentally influence the national security of states, and the way those factors shape and constrain the strategies chosen to pursue that security.

CAS PO 558: War and Society in the Modern Age

Instructor: Rosella Cappella

4 credits

Prerequisites: None

This course takes a state-oriented approach to understanding war in the modern age (as distinct from focusing on segments of the armed forces). How states fight wars and how changes in warfare affect the relationship between state and society.

CAS SO 452 / GRS SO 852: Contemporary Debates in Sexualities Research

Instructor: Catherine Connell

4 credits

Prerequisites: CAS SO 240, junior or senior standing; or consent of instructor

Engages debates about sexual identities, practices, and communities, conceptualizing sexuality as both a social construct and an institution. Students consider how sexualities operate across social contexts, their effects on systems of inequalities, and their intersections with race, class, and gender.