

2018 FALL TERM COURSE DESCRIPTIONS NOT FOUND IN THE 2017-18 ONLINE CATALOG

ANT 315 Community-Based Anthropology

This course is about the anthropology of community and the practice of community engagement. The anthropology of community employs a comparative approach to consider how individuals interact in collective ways while community engagement includes the application of knowledge and skills to move a community toward positive change. This semester, the course topic is desegregation, diversity and inclusion as remembered by the Danville community and Centre College. More specifically, students will participate in a larger college initiative to reconstruct the history of racial integration at Centre College and the ways in which it speaks to current efforts toward diversity and inclusion. We will analyze archival documents housed at Centre and within the Danville community and we will interview Danville community members as well as former Centre students, faculty and staff. By examining the memories, perspectives, relationships and pathways of influence between Centre College and the Danville community, one goal of the course is to provide insight into current efforts towards diversity and inclusion.

ANT 351 Climate Change and Human Society in the Past

This course explores how ancient human societies responded to changing climates and environmental risk, as well as how they impacted, altered, and engaged with their environments over the long term. We will use archaeological cases, paleoenvironmental data, and experiential learning to investigate deep historical trajectories of collapse, strategies to mitigate risk, and cultural resilience. We will also reflect on the lessons these case studies have for us today.

ANT 384 Paleo-Kitchen: The Archaeology of Food

What role has food played in human society and evolution? This course explores the human diet using the tools of anthropology. Topics covered include current debates over hominin diet; the development of early cooking, kitchens, and domesticity; the causes and consequences of the shift from hunting/gathering to farming; archaeological techniques for reconstructing subsistence and cooking patterns; the way cuisine is connected to class, ethnicity, gender, and identity; and implications of the past for contemporary society. Prerequisite: ANT 120 or permission of the instructor.

CRW 235 Beyond the Short Story

Creative writing courses generally focus on the art of the short story, but how do writers develop their craft beyond the stand-alone short story? This course advances storytelling skills by exploring techniques used in other narrative forms. Novellas, short story cycles, and graphic narratives are just a few of the forms we'll study. Examination of published works, weekly writing assignments, and major projects give students multiple opportunities to experiment with different forms of writing, while honing their own narrative craft. At end of the term, students submit a portfolio of creative work that shows how their writing has gone beyond the short story. Although ideal for students who have completed a college-level fiction workshop, this course is open to any student who has completed any CRW course at the 200-level or above. Prerequisite: Completion of any 200-level CRW course or permission of instructor.

ECO 326 Taxation: Theory and Practice

A study of the evolution and structure of income tax systems from the accounting and public policy perspectives, with a focus on individual and small business taxation. The course examines the legal, economic, social, and practical problems faced in developing a comprehensive system of federal taxation, while also exploring specific rules for U.S. individual tax including tax computation, income definition, property transactions, investment and financing decisions. Prerequisite: ECO 110 and ECO 260.

ECO 476 Equity Research and Financial Modeling

In this course students learn how to construct a complete financial model of a company and analyze a company from an investment and valuation standpoint. Students create projected financial statements and value a company using different valuation methods like comparable company analysis, discounted cash flow analysis, precedent transaction analysis, and Monte Carlo simulation. A major component of the course is writing a professional investment analysis (equity research) report for a publicly traded company. Prerequisite: ECO 260 and ECO 340; junior or senior standing.

ENS 220 Environmental Problems Analysis

Most environmental problems are not as clear and straightforward as they are often portrayed by advocacy organizations, politicians, the media, and even scientists. Instead, they are the result of an intermingling of ecological, social, economic, and political forces. This course is designed to help you develop the critical analysis skills that are needed for making sense of complex environmental problems. Prerequisite: ENS 210 and sophomore or junior standing.

ENS 475 Agroforestry: Farms and Forest Systems (four credit hours)

This interdisciplinary course investigates the scientific understanding of our world's ecological agroforestry systems, paying particular attention to the interactions between the biophysical systems and the social, political and economic systems. The course will emphasize the major types of sustainable farms and forest systems used by people in both developed and developing countries. Class sessions and assigned readings will highlight agronomic (scientific) approaches to food, forestry, and agriculture, and students

will analyze complex agro-systems, such as nut-tree crop combinations, forest farming, and carbon sequestration. In the lab and field component, students will practice basic forest measurements (i.e. tree carbon storage, soils) and test plant responses to nutrients, light, water, and temperature. Prerequisite: ENS 210 or permission of the instructor.

FRE 415 Absurdity and Existentialism

An examination of the basic motivations in the French and Francophone world of the Absurd in Philosophy, Theater, Art and Film, and how these domains have shaped intellectual and esthetic debate toward the 21st century. A second, but related motivation concerns the relationship between Existentialism, Feminism, and Ethics. Prerequisite: FRE 261 or equivalent.

HIS 362 The Early American Republic

Between 1789 and 1848 America more than doubled in size and the population increased seven-fold. It was a wild, growing, contentious young republic. This course examines the development of the early American republic and considers the relationship between east coast, frontier, American Indians, immigrants, and native-born Americans. In particular, our exploration centers around the creation of Centre College and its first decades of operation.

MAT 490 Research in Magic Graphs-I

The purpose of this course is to foster research and collaboration amongst undergraduate students. This course focuses on open mathematics problems surrounding magic graphs. The idea of magic graphs came from magic squares, perhaps one of the most popular mathematical recreations. Applicability to the problem of decomposing graphs into trees has recently revitalized interest in magic labelings. In this course, students engage in meaningful, scholarly dialogue and collaboration about research in this area of graph theory. This is the first course in a two-course sequence. MAT 490 will not count towards the requirements of the math major (The second course, MAT 491 will). Prerequisite: MAT 300 and permission of the instructor.

MUS 116 Foundations and World Views of Music

This class targets aspiring music majors or minors, or students with an interest in the fundamentals of music. Basic materials of music, theory, history, and stylistic differences between the Western European tradition and other cultures are the core aspects of the class. Students learn how to construct, analyze, and critically examine music within different cultures as well as the social and civic impact of the musical arts.

MUS 338 Hip-hop and Resistance

An investigation of the trajectory of Hip-hop over the past fifty years. Topics under include the intersection of Hip-hop with social movements, politics, history and identity, and the ways in which it has functioned as a catalyst and reflector for a rapidly changing society. The class analyzes contemporary issues and representation of race, class, religion, gender, systemic oppression/injustice, Pan-Africanism, liberation ideology and self-determination in Hip-hop and adjacent musical genres. Prerequisite: MUS 215/AAS 210, or FYS 103, or permission of instructor.

POL 323 The New American Democracy?

A critical analysis of the political, institutional, and social changes to American democracy since the 2016 presidential election. Political science scholars, commentators, and laymen alike are diving deep into discourse and study on the future of American democracy after the Trump presidency. This course is intended to analyze in what ways and to what extent various institutions have changed, including: ideologies/political parties, bureaucracy, media, foreign affairs, and civil society, as well as legislative, executive, and judicial powers. The class compares these current institutions with those of prior administrations, and assess the potential long-term effects of any institutional changes in future administrations. Students should gain perspective on the strength and fragility of American democracy and more critically analyze our institutions and how the changes to these institutions affect many aspects of American life. Prerequisite: POL 210.

POL 467 Political Violence

An exploration of a wide variety of forms of political violence. Theories underpinning the causes of each form of violence are addressed, as well as case studies of each form. Violence directed by the state and by broader society is examined, as will violence directed toward the state and toward broader society. Forms of political violence may include the 1989 revolutions in Eastern Europe, the Arab Spring, Apartheid in South Africa, the 1962 coup in Burma and the Rwandan genocide.

SOC 315 Race, Class and Gender

This course examines race, class, and gender through an intersectional and sociological lens. We will begin the class by considering the sociohistorical processes that inform our ideas and assumptions about race. Throughout the rest of the course, we will read theoretical and empirical studies that explicate how race, class, gender, and sexuality are significant in various social contexts: youth and education, work and the economy; family and reproduction; media and consumer culture; and politics and public policy. The format of the class will be part lecture and part discussion. You will be expected to actively participate as you process course content

and improve your critical thinking, speaking, and writing skills. The overall objective of the course is to equip you with the analytical tools, vocabulary, and theoretical knowledge base to engage in socially relevant conversations about race, class, and gender in modern society. Prerequisite: ANT 110 or SOC 110 or permission of the instructor.