

Special Topics Course Descriptions Summer 2022

Summer Session 1

BI-980 Biochemical Regltry Mechn

Cellular Regulatory Mechanisms

Eukaryotic cells possess a diverse array of molecular circuits that regulate their normal activities and respond to external signals. Common modes of regulation include transcriptional and post-transcriptional modulation of gene expression, sub-cellular protein localization, covalent protein modification, and protein-protein interactions—all of which can be combined in many different ways to generate exquisite control. This course will rely heavily on current literature to examine in-depth the molecular mechanisms that regulate such processes as cell division, DNA repair, stress responses, and cell differentiation. Class meetings will combine background lectures, discussion, and student presentations. In addition to the oral presentations, students will be graded on participation, weekly quizzes, and a final paper.

CJ-340 Women & Minorities in CJ

This course takes a hard look at crime, justice, and the criminal justice system through the lens of bias, deviance, inequality, inclusion, minorities, sexuality, and their intersections. Dialogue about minorities in criminal justice is currently one of the most talked about issues in a variety of social spaces. It examines such topics as inclusion of women, inequality of minorities by profession, use of force, implicit bias, delinquency, women in prisons, domestic violence, LGBTQ+, women in cybersecurity, and women in leadership. The course provides a panoramic view of current issues affecting women and minorities in various stages of the criminal justice system.

HI-250/ HI-990 Hitler and Third Reich

The meteoric rise of Hitler's NSDAP in Germany, the nature of Nazi rule, and the final collapse of the Third Reich. We will concentrate on the Nazis in power, their use of terror and propaganda, their ideological objective, everyday life in the Third Reich, the possibilities of resistance to the regime. Special attention will be devoted to Nazi Jewish policy and the step that led to the "Final Solution" and the Holocaust.

Summer Session 2

BI-980 Drug Dscvry & Dev Process

Students will learn the basic concepts of drug discovery, discuss disease target selection and the discovery process for both small and large molecule drugs. This course will cover preclinical studies, regulatory issues, good manufacturing practices (GMPs) and perspectives on the future.

CD-987 Pediatric Feeding

This course will provide basic information on pediatric feeding disorders including an overview of anatomy, physiology, as well as overview of typical development including breastfeeding, bottle feeding, and transition to solid foods. We will cover evaluation and treatment approaches for infant, toddler, and early childhood populations with a team approach emphasized. We will also include discussion of ethical and cultural issues, analysis of current literature, and clinical application

CJ-340 Juvenile Delinquency

This course will provide an introduction, overview, and examination of juvenile delinquency and the juvenile justice system. The course will cover the theories of delinquency, analysis of the juvenile justice system, and focus on the problem of co-offending and patterns of youth crimes. We will learn several of the major theories of delinquency and apply these to delinquency today. We explore juvenile delinquency from a broad perspective that examines youth cultures, music/style, status offenses, and crime; and consider delinquency in its historical, structural, cultural, and political dimensions. We will study the creation, operation, and reform of the juvenile justice system in the United States, not only as systems of social control, but also as social constructions that reflect dominant images of youth and the place of youth in society.

CJ-340 Managing Cyber Risks

This course examines risks in cyberspace. The course will help students identify security risks, evaluate those risks, and make risk-based decisions given organizational resource constraints. Students will learn foundational concepts in enterprise risk management and will be introduced to cyber risk management standards and approaches, as well as, risk analysis.

HE-400 Infectious Disease Epidemiology

In this course, general principles of the epidemiology of infectious diseases will be covered including COVID-19. The students will discuss the ways in which infectious diseases are classified, the basic epidemiologic characteristics of infectious diseases, and how the system of surveillance of infectious diseases works.

HI-250/ HI-990 Hist of World Religions

This course explores the nature and function of religion in human life by investigating the diversity of religious experience and expression across several cultures. The emphasis of this course is equally placed on comparative and historical religion. Thus, we will attempt to understand both the specific contexts and conditions in which a variety of religious traditions arose and exist, and also the common religious elements in the specific historical manifestations of individual religions.

HI-990 Women in Latin America

No course description available. Please contact the instructor for more information.