

Fall 2018 Capstone Courses

BIOL 388 Illustrating Science

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

An introduction to the discipline of scientific illustration. Students will learn the fundamental principles of creating effective illustrations for the purpose of communicating science as well as acquire an understanding of how the discipline of illustration is used to advance scientific knowledge. A limited set of media types, both traditional and digital, will be explored. The main focus will be on creating the best images for use in research, teaching, journal publications, presentations, and other applications. Copyright and other legal issues will also be discussed.

BIOL 388 Brewing Science

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

Co-requisite: BIOL 388L Brewing Science Lab

This class requires permission to register. Contact the Department.

This class will explore the role of chemistry, biology, physics and geology in the brewing of beer. This class will analyze fermentation biology, effects of water chemistry, beer composition, and sensory perception to explore the role of science and technology in the production and enjoyment of beer. The physiological effects beer will also be discussed in the context of responsible drinking. This class has a significant lab component where the sciences involved in brewing beer are analyzed. Students are required to brew two final projects, in which knowledge from the class must be synthesized to produce a beer of desired taste profile. Students enrolled in this class must be 21 or older by the date of the first class meeting. Students will be required to show proof of age on the first class meeting, those not meeting the age requirement will be dropped from the class.

CHEM 388 Brewing Science

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

Co-requisite: CHEM 388L Brewing Science Lab

This class requires permission to register. Contact the Department.

This class will explore the role of chemistry, biology, physics and geology in the brewing of beer. This class will analyze fermentation biology, effects of water chemistry, beer composition, and sensory perception to explore the role of science and technology in the production and enjoyment of beer. The physiological effects beer will also be discussed in the context of responsible drinking. This class has a significant lab component where the sciences involved in brewing beer are analyzed. Students are required to brew two final projects, in which knowledge from the class must be synthesized to produce a beer of desired taste profile. Students enrolled in this class must be 21 or older by the date of the first class meeting. Students will be required to show proof of age on the first class meeting, those not meeting the age requirement will be dropped from the class.

CSIT 388 Social Network

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

This course will examine a cross-section of social networking information technologies including textual, aural, and visual methods and examine how they affect our personal and professional interactions. This course will consider the information technology and the personal and business marketing aspects of social networking. The Capstone project and online discussions will help reinforce the concepts of critical thinking and illustrate how social networking has changed the way virtual communities learn, communicate.

ECON 388 The Morality of Capitalism

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

Contemporary capitalism is the result of a long evolutionary process shaped by historical events and changes in technology, culture, political organization and interpersonal relationships. This process has not ended, as innovation, political currents and globalization continue to bring new challenges and new adjustments to economic systems. This course closely examines human life under collectivism versus human life under capitalism to evaluate the central question: Is there a moral basis for capitalism?

ENG 388H Ways of World Making: Religion and Film

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

The course aim is to bring together the disciplines of religious studies and film studies. The premise of the course is that films and religions are analogous. Religions and films both create worlds (not just narratives) and present those alternate worlds to their viewers/adherents. Movies offer glimpses of possible worlds, allowing the viewer to experience these worlds before returning-enriched, perhaps transformed-to everyday reality. Cinematic world making is analogous to what religions do through their myths, rituals, and texts-to highlight, praise or condemn certain ways of Being in the world.

HIST 388 R I P: Death & Cemetery Culture

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

This class will examine cultural practices regarding cemeteries and death in the United States and in global perspective. It considers historic, cultural, economic, and psychological explanations for how individuals and societies have dealt with death and the disposal of human remains over time and space. Among other topics, the course will address issues of cemetery organization, structure and management, grave marker design, health and sanitation concerns, burial rituals and practices, funeral options, dealing with death and grieving. The course includes information and material from a wide variety of disciplines, including not only history and psychology but also ethnography, sociology, archeology, and the health sciences.

MKT 388 Event Management

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

This course provides a comprehensive overview of the complexities of event planning and management, primarily pertaining to disciplines related to marketing, management, communications and cultural anthropology. Through these disciplines, students will learn how to effectively identify, plan and manage a successful event.

MKT 388 Emerging Marketing Media

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

This course provides an overview of contemporary marketing strategies utilizing social and mobile media. Topics include social networks, social media, mobile marketing, customer experience marketing, integrated marketing communication, and the creation of customer value through the use of customer generated content.

PE 388 The Living Dead in Fact & Fiction

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

The Living Dead, such as Zombies and Vampires, are pervasive in fictional literature, television, and movies. During this course, novels, television episodes, and movies will be used to identify disease symptoms displayed by the living dead, and these symptoms will then be evaluated regarding what type of medical condition might cause the symptoms.

PHIL 388 Philosophy of Culture

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from the General Studies in designing and completing a paper. Students employ two methodologies and interpretive means to integrate knowledge and synthesize empirical investigation of mores and folkways and the second being philosophy, which includes concepts, ideals and principles accepted as foundational. This course satisfies the General Studies capstone requirement.

The goal of this course will be to understand the aims, the methods and the good(s) of the concept and study of culture using a sociological and philosophical methodology. We will examine the concept of "culture" by looking at various definitions of culture as well as some primary works in the Hindi, Chinese, Greek and Christian cultures. The class will be centered on the discussion of a variety of questions: What is a culture? What does it mean to be a member of a culture? How is the individual formed by the group? How does the group or class influence the individual? How do a people form a religion? How does a religion form a people? Why do cultures clash? Can there be a rise and fall of a culture? What is a barbarian? What does it mean to be cultured?

PHYS 388 Brewing Science

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

Co-requisite: PHYS 388L Brewing Science Lab

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PSCI 388 The Politics of Love

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

Love is a topic of study in a wide variety of academic disciplines, including political science, biology, the fine arts, literature, philosophy, history, and psychology. These disciplines and their insights and perspectives can potentially construct the foundation of good government. This course will provide a transdisciplinary approach to how love can serve as the basis for sound government policy and law. Three major issues of the course include the following: 1) What is good governance?, 2) How can conflicts be peacefully resolved?, and 3) How can collective action resolve contentious political problems?

PSY 388 R I P: Death & Cemetery Culture

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SOWK 388 Substance Abuse & Addictive Disorder

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

This upper-level course is designed for students and human service professional who wish to gain deeper understanding of substance abuse and addictions. It examines substance abuse from a generalist social work and systems perspective, coupled with concepts from human physiology, psychology, sociology, and criminal justice to explore the impact of substances abuse and addictions on the individual, the family and the larger community. The course covers the various models, theories, and policies that explain addictions and related issues from interdisciplinary perspective. It evaluates drug abuse and addiction as it relates to various cultures and regions. It examines the moral and ethical issues involved in addressing substance abuse and addictions, treatment modalities, assessment skills, and resources available for effective intervention. Evidence-based oral and written assignments are used to promote critical thinking and the effective integration of research concepts with practice.

TE 388 History of Education in America

Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.

TE 388 is a General Studies course that integrates insights/methodologies from History and Education in an examination of the history of education in America and the state of education today. Students will learn how the history of education influences education today and become articulate both verbally and in written form through extensive reading and discussion throughout the course.