ART 388: Scientific Study of Art
Prereq: Junior or senior level standing or within 6 hours of completing general studies requirements.
Beauty is said to exist in the eye of the beholder but is that really true? Why do people love to go see certain movies over others? Why are certain types of people considered beautiful and others are not? Why do we prefer one object over another, and how do we quantify classic forms, and value? This class is designed for the inquisitive lay person and expert alike. Students will analyze things such as, ‘classic’ films and determine why they are classics. We will look at artworks and determine if they are still relevant as ‘art.’ We will look at new media approaches such as YouTube, and evaluate them against formulaic models for defining art. Students will investigate why artists, and humans in general, are compelled to create everything from paintings to experimental 3d films. We will investigate these art definitions and models through the lens of evolutionary science, neurology, psychology, and mathematics. Can statistical data tracking through social media offer insights into why we like certain objects?

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 within 6 hours of completing general studies requirements.
Co-requisites: 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 peer 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 Networking
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?

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 and 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.

**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
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.

**SOWK 388: Substance Abuse and 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.