

GENERAL STUDIES CAPSTONE TOPICS OFFERED FOR FALL 2015

BIOL 388GS - General Studies Capstone: Illustrating Science - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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.

CHEM 388GS - General Studies Capstone: Brewing Science - 3 hours

with CHEM 388LGS - General Studies Capstone Lab - 1 hour

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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

CSIT 388GS - General Studies Capstone: Social Networking - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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 388GS - General Studies Capstone: The Morality of Capitalism - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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?

ITEC 388GS - General Studies Capstone: Applied Project Management - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
This course examines the process of applied project management using distinctly unique disciplines as a means to understanding the day to day operational issues faced by project managers. Project management is a cross-disciplinary field with applications in both technology and business. At the end of this course the student will be able to develop, execute and control a project plan based upon specific metrics for success including the unique variables of differing disciplines.

MKT 388GS - General Studies Capstone: Emerging Marketing Media - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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 388GS - General Studies Capstone: The Living Dead in Fact & Fiction - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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 388GS - General Studies Capstone: Brewing Science - 3 hours

with PHYS 388LGS - General Studies Capstone Lab - 1 hour

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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.

PSCI 388GS - General Studies Capstone: The Politics of Love - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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 governmental 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?

SOWK 388GS - General Studies Capstone: Social Media, Digital Activism, and eCitizenship - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
The purpose of this course is to examine the role of social media in the human service and nonprofit sector and how to utilize social media for a variety of purposes. The course will identify what social media is and how it can be used for marketing, communications, and advocacy within human services in addition to how social media promotes civic engagement. Students will learn about participatory culture and new media literacies through the discovery of social media platforms as well as how to apply this knowledge, which promotes critical thinking skills, encourages collaborative problem solving, and acknowledges the role of social media in forming networks and affiliations that can strengthen civic engagement. The Capstone project enables students to employ social media to creatively design, organize, and evaluate an integrated strategy that promotes an organization, critical issue, or assists with marketing and communications.

SOWK 388GS - General Studies Capstone: Substance Abuse and Addictive Disorders - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program
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.

HONORS SECTIONS

ENG 388GSH - General Studies Capstone: Ways of World Making: Religion and Film - 3 hours

Prereq: open to juniors and seniors or to students within 6 hours of completion of their General Studies program

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.