

## Spring 2019 Capstone Courses

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### **BIOL 388 Illustrating Science**

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.

### **BIOL 388 Science of Fear**

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

Science of fear refers to a perceived prevalence of fear and anxiety in public discourse and relationships. The motives behind fearmongering are diverse, but the ability to create fear is by manipulation of words, facts, news, or other sources of data. The intent of this course is to focus on the methods used by fearmongers and to examine the scientific issues that have fallen prey to fearmongers, including cloning, stem cell research, vaccines, microbes, animal testing, genetically modified foods, and transgenic organisms to name a few. This will be accomplished by examining the subject from mainly biological and statistical standpoints incorporating psychological and sociological points of view.

### **CSIT 388 Social Networking**

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 388 The Morality of Capitalism**

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 388 Applied Project Management**

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 388 Emerging Marketing Media**

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.

**MKT 388 Event Management**

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

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.

**PSY 388 Science of Fear**

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

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**SOWK 388 Substance Abuse and Addictive Disorder**

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.

**THEA 388 Healing Through Drama Therapy**

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

This course will cover the principles of drama therapy as an active and experiential approach to help heal clients as they tell their stories, set goals, solve problems, express feelings or achieve catharsis. Both theories and actual principles involved in Drama Therapy practices will be covered. Unlike psychodrama, the course will be drama-based and not delve deeply into a person's psyche.