

Spring 2020 Special Topic Course Descriptions

BMS-580-MM01 Nutritional Biochemistry

In this course, students will be exposed to the biochemistry of nutrition. Students will develop an understanding of the absorption, metabolism, and biochemical roles of macronutrients, micronutrients, vitamins, and minerals. Cross-listed as BIO/ESS-470. Undergraduate students should take BIO/ESS-470; graduate students should take BMS-580. **(3 credits)**

BUS-280-MM01 Social Entrepreneurship

Combining the tools of philanthropy, business, and advocacy (or mission, margin and mandate), social entrepreneurs have tackled long-standing societal issues like teacher training, college access, global public health, renewable energy and sanitation, among others. The purpose of this course is to provide students with the theoretical underpinnings credited with the rise of the social business movement in the U.S. and abroad. Upon which, the course will then explore how the business components (marketing, finance, strategy, leadership development, human resources, and others) of these organizations are intended to inform and drive the mission. Also in this time, we will explore of the various types of social enterprises (both for-profit and not-for profit) that have changed the world. Ultimately, students will work collaboratively to outline an organization intended to address a social issue in our community. **(3 credits)**

CHE-280-MM01 Forensic Chemistry

Prerequisite: 152 or equivalent preparation. Application of chemical identification methods to the forensic analysis of trace evidence, including substances such as paint, fibers, controlled substances, and firearms and arson residues. Introduction to precedent in chemistry and the law, and how they integrate. Instrumental techniques include UV and IR spectroscopy, gas and liquid chromatography, and mass spectrometry; which are all commonly used in crime labs. Three lecture hours and three lab hours per week. **(4 credits)**

CHE-380-MM02 Scientific Research Methods and Ethics

While traditional Chemistry curriculum courses focus on content knowledge and laboratory experiences, research involves adventures into unstudied and unstructured fields. With this departure from structured learning comes a variety of new intellectual challenges. This course will explore three of these challenges. The first is research methods, introducing primary literature, effective search tactics, critical reading of primary literature and sussing out methods and techniques for application in new experiments. The second is the ethical application of research and use of data. This will focus on case studies and discussions around the topic of ethics in various fields of scientific research. The final challenge is oral communication of scientific topics. Students will prepare and deliver short presentations based on literature or research projects. Peer evaluation of presentation will be used to help the presenter and the audience think critically about the necessary components of a good presentation. **(1 credit)**

COM-380-MM01 Identity and Media

This course explores ethnicity, race, and gender in various facets of media including production, reception, ownership/control, and employment. We will explore historical and contemporary perspectives. **(3 credits)**

ENG-180-MM01 Literary Perspectives

See department for description . **(3 credits)**

FIN-480-MM01 Advanced Investments (Self Study)

Prerequisites: FIN358 or FIN360. This course presents an overview of the concepts and techniques used to value investments and manage investment portfolios. By the end of this course, the student should be able to (1) assess value for a wide range of potential investments, (2) understand and interpret major portfolio management and risk concepts, (3) construct basic portfolio and risk models, and (4) apply portfolio management and risk management concepts/techniques to their specific business problems. Through the study of valuation, portfolio construction, and risk measurement/management techniques, the student should also gain a better understanding of what drives risk and return in the financial system. **(3 credits)**

HIS-380-MM01 The World Afloat: A Maritime and Environmental Approach to Global History

In this course, students will explore the waterborne nature of world history, learning how the important relationships between people and water have influenced the environmental and human history of our planet from ancient times to the present. A central feature of the course will examine how waterways facilitated the human exploitation of both natural resources and other people groups. The course will also examine the ways various peoples utilized waterways in their efforts of conquest and resistance from the early modern period to the twentieth century. The course will conclude with the political and environmental issues involving water in the present. Overall, the course will ask students to consider how water has shaped the course of world history the global environment. **(3 credits)**

PHL-381-MM01 20TH Century Personalists

Personalism is among the most influential inspirations for, and expressions of, 20th and 21st century Catholic philosophy. In this course, students will be introduced to personalism through an encounter with seminal Catholic personalists, among them two saints (Pope St. John Paul II, St. Teresa Benedicta of the Cross). Areas of focus included personalist contributions to the understanding of the human person, value theory, politics, and epistemology. This course satisfies a requirement in Catholic Studies. **(3 credits)**

PSY-380-MM01 Gender Identity and Refugee Status

This course is designed to provide insight into gender and identity as they relate to refugee status by surveying research and refugee narratives. Issues covered will include gender-based violence (GBV), gender role and gender stereotype of the refugee. Emphasis is placed on the ecological framework that influences the perpetuation of violence and the stigma and consequences associated with GBV. Students are expected to complete written assignments that require critical thinking skills related to the topics covered in the course. See GST-380-MM01. **(3 credits)**

SPA-380-MM01 Teaching World Language: Theory and Practice

The goal of this course is to introduce future teachers of world languages to current pedagogical theory and evidence-based practices associated with world language teaching and learning. The course will focus on research surrounding language acquisition (theory) and strategies for applying that theory in the classroom (practice). Over the course of the semester, students will read and discuss research on key topics related to language acquisition and pedagogical practice, apply that research in observing and evaluating world language classrooms, reflect on their own world language education, and create a teaching portfolio complete with lesson plans and assessments for future use. The class will be taught in Spanish. **(3 credits)**

SWK-380-MM01- MM02 Case Management

This course covers the basic components of effective case management techniques and strategies in a social service setting. Topics include assessment, documentation, effective communication, treatment planning, service coordination, identifying resources, and self-care. Upon completion, students should be able to effectively manage the care of the whole person from initial contact through termination of services. See PBH-380-MM01 **MM02 or CRJ-380-MM01. (3 credits)**

THL-280-MM01 Liturgy and the New Evangelization

In this course, students examine the nature of liturgy as a source for evangelization in the contemporary world. Students will study the phenomena of the “new evangelization,” a term used after the Second Vatican Council to describe the Roman Catholic Church’s call to communicate the Gospel to contemporary persons. Students will study various aspects of liturgical worship (e.g., the Mass, Eucharistic prayers, Rites of Christian Initiation for Adults) as sources for evangelization. This course partially satisfies the general education curriculum standards of faith, ethics, and foundations of thought. This course fulfills the 2nd theology requirement. **(3 credits)**