Spring 2019 Experimental, Topics and New Courses

**ARCH 257-A  Archaeology of North America**  MWF 11:30AM-12:35PM  
This course examines the broad sweep of indigenous lifeways in North America, from the earliest settlements on the continent to encounters with European explorers in the fifteenth and sixteenth centuries. These histories are approached from a comparative archaeological perspective, highlighting similarities and differences in indigenous subsistence, settlement, social and political organization, material culture, and religion. Students develop an understanding of how archaeologists infer deep histories using artifacts, historical records, and living traditions of Native descendant communities.

**BIO 251-A Introduction to GIS**  MWF 09:00AM-10:50AM  
Geographic Information Science (GIS) is the science of linking data of various types to locations to explore spatial patterns and processes. While GIS applications can be used to create maps, this course will focus on tools for spatial analysis. Using a blended lecture/lab approach, the course will cover basic approaches that use spatial data to identify locations and pathways in landscapes and summarize characteristics of locations for basic and applied purposes. The goals of the course are for students to learn about the spatial and non-spatial data used in GIS analysis, how projections and coordinate systems affect analysis and summarize spatial relationships. Many (but not all) examples and topics will come from ecology and environmental science, but approaches taught in this course have applications for students in public policy, anthropology, archaeology, and any discipline that requires analyses of spatial data.

**BIO 352-A Neurogenetics**  MWF 10:15AM-11:05AM  Lab T 01:00PM-03:50PM  
An examination of the role of genetics in the development, function, and health of the nervous system. Topics will include the role of the classical genetics in elucidating molecular mechanisms of the nervous system function and human neurological diseases, with a focus on recent advances in genomics that have facilitated a rapidly increasing understanding of genetic brain abnormalities. The laboratory portion of the course will illustrate both classical and cutting-edge genetic analyses of behavior in multiple experimental systems. Three hours of lecture and one three hour laboratory per week.

**ENGL 115-A Introduction to Literature: The Book & Movie**  TTH 01:00PM-02:50PM  
We will discuss short stories and novels by comparing them to movies based on those works. When does the written word have the advantage over film? Have metaphors in the texts been accurately depicted onscreen? The reading list includes *Heart of Darkness, Lord of the Flies*, and *One Flew Over the Cuckoo's Nest*.

**ENGL 421-A Advanced Topics in Literature; Southern Gothic**  MWF 09:00AM-10:05AM
An intensive study of southern gothic literature that considers the haunted, violent, deranged, and grotesque aspects of the American South as explored in the writing of fugitive slaves, Edgar Allan Poe, Erskine Caldwell, Jean Toomer, William Faulkner, Flannery O’Connor, Eudora Welty, Tennessee Williams, and Truman Capote. **Prerequisite: At least one English course numbered 218 or above, or consent of the instructor.**

**FILM 220-A Topics in Genres, Actors, and Directors: John Carpenter**

This course will explore the broad questions of form and content, aesthetics and meaning, as well as history and culture of a wide variety of films written, produced and directed by John Carpenter. The course will examine narrative, visual design, editing, sound design, and authorship as well as ideology of what makes a John Carpenter feature a spectacle through acting, writing and other considerations such as storytelling, mise-en-scene and cinematography.

**FILM 320 Topics Film and Culture: Art of the Indie Film**

This course will cover the art of the independent film production including its political and social impact, cultural references, and present-day consideration of and impact on American culture. Students in this course will engage with a variety of recent examples of independent film produced in the United States. In the course, we will examine the narrative, stylistic, industrial and cultural aspects of contemporary U.S. independent film.

**FRN 426-A La France sur scène: Performing national identity in the Grand siècle**

17th century France experienced a drastic centralization of monarchical power under the heavy hand of Louis XIV. While this royal authority manifested itself in the domains of politics and economics, it was equally present in the arts; namely, the theater. Louis XIV’s fascination with the stage and its masters of the time (Racine, Molière, etc.) led to the proliferation of French drama, which arguably reached its apogee during this century. This course will examine a selection of these theatrical writings to reveal a politically charged and royally decreed performance of French authority.

**FVA 150-A Topics: Watching Cartoons: The History of Animation**

This course will introduce students to the history of animation from its inception to today. The focus will be on independent animators and filmmakers who approach animation as a process, and art, a craft, a representational idiom, and as an artistic medium that has the capacity to address a wide range of subject matter.

**FVA 340-A Special Topics: Cinematography**

This Studio course will cover shot types, angles, movement, composition and framing, lenses, 4K cameras, and lighting related to film cinematography. **Prerequisite: DCOM 300 or permission of the instructor.**

**HIST 250-A The New South**

The period from the end of the Civil War and Reconstruction through the early twentieth century was a crucial moment in American
History—particularly in the South. This course explores the transformation of citizenship and class structures, the integration of the South into a national economy and culture, and popular debates over the role of African Americans and women in the future of the country.

**HUMA-450-A General Practicum**  
**T 06:00PM-08:00PM**

General Practicum is designed for students majoring in academic fields for which the department does not already offer a formal practicum course. Students gain practical experience related to their field of study through a professional placement with a sponsoring organization. In addition to the 10-12 hours per week spent with the sponsoring organizations, students attend a weekly seminar, complete academic readings related to professional development, write a detailed field journal, and develop a culminating oral presentation.

*Prerequisite: Consent of instructor. Applications for this course are available at the Center for Enhanced Academic Experiences.*

**IMS 210-A Austrian Economics:**  
**TH 12:00AM-12:50PM**

The readings in this course are designed to familiarize students with the fundamental methodology and concepts of Austrian Economic theory. The central focus of the course is an understanding of Austrian insights as they relate to, and diverge from, traditional neoclassical economic theory. The Austrian conception of competition as a process of learning and discovery and its view of humans as actively entrepreneurial is unique. We will try to understand what the Austrian approach is all about and how it compares to the economics you have learned in other courses here at Lycoming College. The distinctive Austrian emphasis on "disequilibrium" dynamics highlights the role of various market institutions for the discovery, dissemination and coordination of economic activity.

**MATH 150-A Math of Ancient and Modern Worlds**  
**MWF 10:15AM-11:20AM**

The course will explore the mathematics of past civilizations and cultures including the mathematics of ancient Egypt, Babylon, China, Greece, and India along with Mayan, Incan, and Arabic mathematics leading up to the invention of calculus in Western Europe.

***MATH 150 has a co-requisite of MATH-151, the companion one-credit travel field experience that will take place during the May term. This May term trip complements the spring semester on-campus course.***

*Prerequisite: MATH 100. Travel Fee $4,085.00*

**MATH 250-A Math of Ancient and Modern Worlds**  
**MWF 10:15AM-11:20AM**

The course will explore the mathematics of past civilizations and cultures including the mathematics of ancient Egypt, Babylon, China, Greece, and India along with Mayan, Incan, and Arabic mathematics leading up to the invention of calculus in Western Europe.

***MATH 250 has a co-requisite of MATH-151, the companion one-credit travel field experience that will take place during the May term. This May term trip complements the spring semester on-campus course.***

*Prerequisite: MATH 128. Travel Fee $4,085.00*

**MUS 353-A Lycoming Choral Scholars**  
**F 04:00PM-5:00PM**
Lycoming Choral Scholars is a select group of student singer/ambassadors. Membership comes from all majors and is by audition and interview. As an Enhanced Academic Experience, LCS provides multifaceted international choral experience every two-to-three years. In addition to the major performance and rehearsal activities of given international itineraries, LCS members engage in the following academic subcategories as applicable: Music Theory, Form, and History; Poetry and Literature; Cultural Research, and introductoryLanguage Acquisition. LCS will meet from 4:00-5:00PM on Fridays during Spring Semesters in which international travel has been planned. In addition to Friday group rehearsals, members will engage in TBA weekly sectionals.

Prerequisite: Audition and interview with instructor and faculty. Travel fee- $1,575.00 and $125.00 applied music fee.

**MUS 445-A: Special Topics – The Age of the Art Song**  
MWF 11:30AM-12:35PM
The German *Lied* for solo voice and piano is considered one of the most intimate and expressive genres, a pinnacle of Romantic style. A blend of history and analysis, this course explores the context of the genre in early nineteenth century Europe, the role of German texts and poets, and the development of the song cycle as a larger form of expression. Franz Schubert’s (1797-1828) cycle *Die schöne Müllerin* (the Beautiful Maid of the Mill) – a tale of love and rejection laced with obsession, delusion, and death –serves as the centerpiece of the course.

*Prerequisite: MUS 220 or consent of instructor would be my preference, instead of MUS 221.*

**PHIL/REL 155-A Intro to Buddhist Philosophy**  
MWF 09:00AM-10:05AM
**PHIL/REL 155-B Intro to Buddhist Philosophy**  
MWF 10:15AM-11:20AM
In this course we will trace the development of Buddhist thought from its origins in India over 2500 years ago to its presence in our own contemporary culture. Our survey of thinkers and writers will extend to many corners of Asia: Tibet, China, Vietnam, Thailand, and Japan. And our conversations will draw from treatises, anecdotes, poetry, and diaries written in Western as well as Asian contexts. Throughout, we will take time to consider ways in which Buddhist philosophy is significant to us, synthesizing perspectives on who we are and why we are here. *Not open to juniors or seniors except with the consent of instructor.*

**PHIL 340-A: Special Topics: Lying and Lawbreaking**  
MWF 02:00PM-03:05PM
We will attempt to sort out the rights and wrongs of lying and lawbreaking. In other words: Is it ever morally acceptable to lie or to break the law? And if it is, when? And why? *Prerequisite: One prior course in philosophy or consent of instructor.*

**PHIL 340-B: Special Topics: Aristotle**  
TTH 01:00PM-02:50PM
We will carefully consider some of Aristotle’s most important and influential works including selections from his Organon, Nicomachean Ethics, On the Soul, Metaphysics, and others. Topics will include happiness and the good life for human beings; the soul and its capacities for perception and thought; logic; and his account of the basic structure of reality itself. *Prerequisite: One prior course in philosophy or consent of instructor.*

**PSCI 256-A Globalization and Sustainable Development: A Study of the Dominican Republic**  
TTH 03:00PM-04:50PM
This course broadly examines the political, economic, and social effects of globalization on the developing world, with specific attention
paid to globalization's impact on sustainable development. While students are exposed to the experience of developing countries generally, emphasis is placed on the Dominican Republic. The course meets during its scheduled time during the semester and finishes with a required field experience in the Dominican Republic. The classroom portion of the course is designed to prepare students with the scholarly tools necessary to understand the globalization and development debates; the travel portion is designed to help students deepen their understanding of the subjects through field experience and allow students to insert themselves into the process by taking part in community and economic development projects throughout the country. Fulfills Global Cultural Diversity. Travel fee- $1,875.00

**PSCI 257 -A Globalization and Sustainable Development: A Study of the Dominican Republic**

This course broadly examines the political, economic, and social effects of globalization on the developing world, with specific attention paid to globalization's impact on sustainable development. While students are exposed to the experience of developing countries generally, emphasis is placed on the Dominican Republic. The course meets during its scheduled time during the semester and finishes with a required field experience in the Dominican Republic. The classroom portion of the course is designed to prepare students with the scholarly tools necessary to understand the globalization and development debates; the travel portion is designed to help students deepen their understanding of the subjects through field experience and allow students to insert themselves into the process by taking part in community and economic development projects throughout the country. Fulfills Global Cultural Diversity.

*Note: Prerequisite of one credit May Term course is successful completion of four-credit spring course.*

**PSCI 258-A Comparative Political Developed Countries**

MWF 02:00PM-03:05PM

In this course we will explore the politics and political economics of developed countries across the globe. Some questions the course will address are how do democratic systems differ, and how do they shape politics and policies? Is there a single best democratic system? How do various actors seek to affect political decision-making and what determines their success? How does governance shape the delivery of economic and welfare policies in countries like Germany, the US and Japan? How do systems of capitalism differ and what are their strengths and weaknesses? And what fuels populism in the US, UK and France? At the end of this course, students will have gained an understanding of some of the major issues facing developed countries around the world.

**PSCI 353-A The European Union in World Politics**

MWF 11:30 AM-12:35PM

In 1958, six countries in Western Europe formed the European Economic Community, The precursor to the European Union. Over the past 50 years, the EU has emerged as the world’s most sophisticated experiment in governance above the level of the nation-state. Today, it dominates much of region’s economic and political life. In this course, we study the organization’s history, the primary theories of European integration, the institutions of the EU, policy making and some of the major issues in EU politics including economic and monetary policy, commercial policy, enlargement, democracy, Euroscepticism, and the common foreign and security policy.

*Prerequisite: PSCI 140, 160 or consent of the instructor. Fulfills Global Cultural Diversity Requirement.*

**PSY 355-A Clinical Neuroscience**

MWF 11:30PM-12:35PM
An examination of the structure and function of the human nervous system through the exploration of neurological and psychiatric disorders. This course will provide students with an in-depth analysis of the symptoms, etiology, and treatment of various neurological and psychiatric disorders through the analysis of case studies and primary scientific research.

*Prerequisites: PSY 110 and one of the following: PSY 116 or PSY 216.*

**REL 251-A Myth and Magic in Popular Culture**  
*MWF 11:30AM- 12:35PM*  
This course primarily focuses on elements of popular culture in the contemporary culture of the United States (e.g., zombies, vampires, magic, etc.). As these elements are considered, the course fills in historical and religious background that led to these creations, showing that these parts of popular culture are inherently linked to a religious and historical world view started in the Antique and Middle Ages, religious and historical ways of looking at the world that continue to hide in plain sight.

**REL 447-A Research in Religion**  
*MW 02:00PM- 03:50PM*  
This course explores a particular comparative topic, tradition, or time period designated by the instructor. Students engage in a scholarly manner with the topic under consideration, produce a well-researched paper, and present that research in a conference-style format.

*Prerequisites: REL 220 and 320, or consent of instructor. May be repeated for credit with consent of instructor when topics are different.*

**SCHOL 301-A Intelligence**  
*T 12:00PM-12:50PM*  
The ability to learn and problem solve is one hallmark of the human species. This seminar will investigate not only the evolution and significance of human intelligence, but also intelligence in other species. We will also consider the pros and cons associated with the brainchild of human intelligence, Artificial Intelligence.

**SSCI-250-A Backpack to Briefcase**  
*TTH 01:00PM -2:50PM*  
As you progress through your college career, you may begin to prepare for practicums and summer internships with both eagerness and anxiety. While a liberal arts education stresses written and oral communication, information literacy and critical thinking, students often find it challenging to identify and articulate how their skills can be applied in a professional environment. This course will help you successfully transition into practicums, internships, and the workplace by providing guidance in writing cover letters and resumes, interviewing, and proper workplace etiquette. This course examines the practical applications of presentation of self within professional settings, utilizing prominent behavioral theories, such as Trait and Factor and Social Learning Theory. As part of this course, students begin to explore and practice how the skills they have acquired at Lycoming will transfer into a future career so they feel more prepared in pursuing opportunities within their chosen discipline. This course is most appropriate for Sophomores, Juniors, and Seniors. First year students may meet with the instructor to request consent.

**SSCI-251-AX Briefcase to Successful Career**  
*TTH 01:00PM -2:50PM*  
You have chosen a major, learned how to write a resume, gone on interviews and participated in practicums or internships. However, the transition from student to professional involves more than just a degree and a job. In order to be successful, you must learn how to acclimate
to and navigate the environment in which you are working. This course focuses on practical applications of concepts, such as cultural capital and code-switching, while providing students the opportunity to participate in experiences associated with academic and social mobility. Students will interact with alumni and employers, and practice skills essential to succeed in the workplace. This course is most appropriate for Sophomores, Juniors, and Seniors. First year students may meet with the instructor to request consent.

**SPAN 426-A Special Topics: Identity and Memory in Spanish Theatre of the 21st Century**  
MW 02:00PM-03:50PM

The theme of identity has played a major role in Spanish theatre since the 1970s, in part due to end of the Franco dictatorship but especially due to the Women’s Movement, and other undertakings, that sought to disrupt and subvert traditional, patriarchal gender roles. More fluid representations of identity began and continue to be portrayed on the Spanish stage. As for the theme of memory, the transition from dictatorship to democracy was marked, somewhat ironically, by a generation of self-imposed silence about the wounds and victims of the Spanish Civil War and the Franco dictatorship. By the 21st century, Spanish theatre was questioning that silence and dramatizing the need to retell the past as a way of healing. This course will study recent plays that portray diverse manifestations of identity and the need to remember.  
**Prerequisites:** Either two Spanish courses at the 300 level, one at the 400 level, or consent of instructor. Fulfills Global Cultural Diversity Requirement. This is a writing intensive course.