

# 16/SPR LAR, LCM and Selected Topics courses



**A LAR-202 the Liberal Arts Integrative Seminar is required for all students who started Doane in the Fall of 2014.**

**LAR-202-1 American Civil War 1860-77, a study in Democracy & Diversity King**  
T/TH 9:30-10:45AM

The American Civil War is the central event in the American historical memory. While the American Revolution, and the Constitution created the United States of America, the Civil War 1860-1877 preserved and defined our democratic republic and began the process of truly uniting a divided people born of the declaration that all men are created with an equal right to life, liberty and pursuit of happiness. This course will analyze and discuss that event.

**LAR-202-2 & 3 Democracy and Diversity Johnson-Farr**  
Section 2 T/TH 2:30-3:45PM Section 3 T/TH 11:30-12:45PM

A course that explores and examines how we create a vision of social justice and equity in our development of a diverse citizenry. Although focus is for pre- service teachers it affords others with hooks to their professional journey in understanding the complexity of the human experience.

**LAR-202-4 New Nations Vaccaro**  
T/TH 2:30-3:45PM

"New Nations" examines problems of political order, democratic representation, and diversity in developing countries. The course will revolve around two extended historical simulations in the *Reacting to the Past* series: *India on the Eve of Independence* and *The Collapse of Apartheid and the Dawn of Democracy in South Africa*. In the India game, set in 1945, students will take on the roles of important actors debating the nature of the coming political system in the aftermath of British colonialism. In the South Africa game, set in the 1990s, students will play political leaders within the multiparty negotiating process over a new democratic constitution to replace the country's white-dominated apartheid system. In each game, the interactions and objectives of students will revolve around a crucial and timeless question: how can a sense of national unity and a workable democracy be constructed in a society of diverse identities and clashing interests?

**LAR-202-5 Compassion and Altruism: Pathways to Serve Cooper**  
T/TH 9:30-10:45AM

This course will focus on sociological, philosophical and theological perspectives of compassion in an exploration of altruism for the greater good and offer methods by which we can infuse an ethic of caring into our society and the environment. Individuals can function as social change agents toward the creation of a more caring society.

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**LAR-303 Liberal Arts Impact Seminar is required for all students who transferred into Doane in the Fall of 2014 (transfer students who will be junior or seniors).**

**LAR-303-1 Rethinking Borders List**  
T/TH 9:30-10:45

Borders: What are they? Where do we find them? What functions do they serve? This LAR 303 course explores the concept of border not only from the traditional understanding of the term but also as a metaphor. In this course, students will identify, analyze and reflect upon the borders that construct and inform their realities. Topics in this course may include: immigration, the self and the other, gender, education and knowledge, community, ecology and the environment, cultural and linguistic diversity, and finally, school and the working world. In addition to readings, films and classroom discussions, students will engage in problem-based learning and service learning.

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## Learning Community

**LCM-371-1 The Environmentally Literate Citizen (7 cr.) Diercks and Soucek**  
T/TH 1-3:45 cap 25

Course learners will demonstrate skills and dispositions they need to understand in order to act on environmental problems and issues as responsible citizens and to continue the learning process throughout their lives. The course will promote active and responsible citizenship by challenging learners to hone and apply problem-solving, analysis, persuasive communication, and other higher level skills in real-world contexts. *This course counts as credit for GEO-101 (4) and EDU-338 (3).*

## Selected Topics

**BIO-271-1**                      **SUCCESS Program 1<sup>st</sup> Year STEMinar (1 cr.)**                      **Laungani**  
T/TH 3-3:50PM                      cap 9

This course is part of the SUCCESS Program, and all first-year SUCCESS Scholars must enroll in this course. Students will investigate contemporary scientific discoveries across a variety of disciplines and discuss not only the significance of those findings to a given field, but also how these new discoveries can be used across scientific disciplines. After taking this course, students will have a better understanding of how truly interdisciplinary science can be. Students will be exposed to science discoveries in both the general media and primary research literature.

**BIO-271-2**                      **Bacteriophage Genome Annotation (2 cr.)**                      **Doyle**  
T/TH 1-2:15PM                      cap 15

Students will work as part of a research team to annotate the genomes of one or more viruses that were isolated in BIO 110 during the previous semester. As the first researchers to work extensively with these virus genomes, students will gain significant experience working on an authentic research project. Completed genome annotations will be released to the larger scientific community through the NCBI's GenBank database. Students will gain hands-on experience working with raw sequencing data, calling genes, and assigning gene functions. Students will demonstrate the ability to use common biological databases and tools to obtain and analyze sequence data, to evaluate the data and results obtained, and to apply those results to answer biological questions.

**BIO-371-1**                      **Genomes and Phenomes (4 cr.)**                      **Doyle, Durham Brooks**  
M/W/F 1-2:25PM                      cap 20

Students in this course will: describe how genome sequences are determined using DNA sequencing and genetic mapping approaches; use comparative genomics to understand genome function and evolution; analyze genome expression at the transcript, protein, and metabolite levels to determine genome function; understand and apply statistical genetics approaches to find genome regions responsible for mediating a given phenotype; and reflect on the ethical implications of this research. Students will explore these areas as they apply to relevant problems in human health and agriculture using fundamental mathematical and genetics concepts in addition to new skills gained in database utilization and computation.

**ENG-271-1**                      **Writing Center Theory and Practice (1 cr.)**                      **Leibman**  
W 3:00-3:50PM                      cap 20

Students will have the chance to consider the origins and development of centers and will analyze such spaces as potential sites for bridging disciplines, critiquing literacies and power, and studying tutoring pedagogies. This course serves as a prerequisite for students wishing to apply to work in the Doane College Writing Center, but it also offers students with interests in education or writing instruction an additional opportunity to explore such topics in a supportive community. Students completing Writing Center Theory and Practice should be able to 1) recognize centers' evolving role in higher education, 2) identify multiple theoretical frames that guide writing tutoring, 3) demonstrate various tutoring strategies, and 4) analyze how the "performance" of tutoring does or does not enact values concerning literacy and power.

**EVS-371**                      **Sustainable Turf and Urban Landscapes**                      **Jakubowski**  
T/TH 2:30-3:45                      cap 25

In the United States, managed urban surfaces collectively comprise an integral part of our communities. This course will study how design and management practices have broad implications for natural and water resources, property values, energy consumption, greenhouse gas mitigation, human safety and long-term economic viability. Students will utilize the campus, the city and local golf course as applied laboratory to develop best management practices for maintaining urban ecosystems.

**SPA-271-1**                      **Spanish Linguistics (3 cr.)**                      **Pope**  
T/TH 9:30-10:45AM                      cap 24

This course introduces students to the formal study of the Spanish language. Students will gain a better understanding of how Spanish is pronounced and how its words and phrases are constructed. Using these basic building blocks of linguistic analysis, students will investigate the history of the language, how it varies across the Spanish-speaking world and how it is learned and used by people who speak it as a second language. In addition, students' increased knowledge about how the language works will heighten their awareness about their own linguistic capabilities in Spanish.

**PHI-271-1**                      **Identity Over Time (3 cr.)**                      **Monaghan**  
T/TH 2:30-3:45PM                      cap 15

In this class, we will examine what has come to be known as the philosophical problem of identity over time. Upon successful completion of the course, students will have mastered a variety of views that have been introduced to solve this problem, including Endurantism, Perdurantism, Exdurantism, and Presentism. We will even talk a little bit about the philosophy of time, which is a fascinating subject in its own right.

**THE-371-1**

**Voice for the Actor (3 cr.)**

**Dobson**

M/W/F 9:00-9:50AM cap 12

This class is an exploration of the performer's voice, with the precept that one's voice is a manifestation of one's state of being. The main focus of the class is the learning of voice work as a preparation for performance – a series of exercises designed to liberate the speaking voice from habitual psychophysical tension and develop vocal range, stamina, clarity, power and sensitivity to impulse.

**THE-371-1**

**The History of Musical Theatre (3 cr.)**

**McKercher**

M/W/F 1:00-1:50PM cap 12

Course description including outcome statement: This course will examine the history, philosophy, and significance of one of the quintessentially American forms of performance—the musical theatre. The course will explore the context of the musical in the theatre throughout history and in the contemporary arts through a multicultural study of historical evolution.

**Don't Forget Spring Travel Courses! Boston, Canada, Costa Rica, NYC, Norway**