

JANUARY 2023 EXPLORATIONS IN THE CORE, SEMINARS, & SPECIAL TOPICS COURSE DESCRIPTIONS

BUS-290-001 Special Topics in Business Administration: Supply Chain Management

Supply Chain Management has moved from a tactical business concern to strategic discussions at the board of directors level, and is regularly front page news. This course will focus specifically on logistics which are the activities that support the movement of products and information between members of the supply chain. The content of course will cover current logistics practices in the global economy, how competitive advantage can be achieved, and building a logistics core competency in the organization. Integration of these logistics processes with overall business strategy reinforces their contribution to the global economy.

BUS-290-002 Special Topics in Business Administration: Business Plan Development

Course description coming soon.

BIO-290A-951 Special Topics in Biology: Research in Comparative Genomics

Genomics, the study of complete genomes, is a subdiscipline of biology where genetics, molecular biology, and computational science intersect. Comparative genomics can be used to analyze and annotate a novel segment of genomic DNA sequence data that contains computationally predicted genes. In this course, we will develop skills in bioinformatic analysis by annotating regions in recently sequenced genomes from fruit fly species related to *Drosophila melanogaster*. A continuation of BIO 201 Genetics, this course will engage students in authentic inquiry-driven novel genomics research while developing skills in data analysis, problem-solving and scientific communication (both written and oral). Student-generated gene models that are supported by sufficient evidence and post-hoc analysis may be eligible for a "micropublication" in collaboration with the Genomics Education Partnership (GEP). *Pre-requisite: completion of BIO 201 with a grade of C- or better and permission from instructor.*

COR-350-951 Core Elective: Urbanization

We will create a common experience by taking 300-level questions and issues of how the self and society encounter the world, and apply them using ethnographic case studies on the city of Atlanta to allow students to actively engage with their environment at Oglethorpe University with a variety of media in assignments. Themes will include, but not limited to: race, class, economy, crime and violence, citizenship and politics, globalization, sustainability, transportation, gentrification, and segregation. This course is a C-elective offering, or an alternative to one of the standard, sequenced junior-level COR 301/302 courses, building on the training the students received in the first two years of Core.

FMS-290-001 Special Topics in Film and Media Studies: Short Film Production

The objective of this course is to further the students' knowledge of the tools, language, resources, and techniques that are necessary to create an effective short film. Students will refine their skillsets in production techniques including cinematography, lighting, and audio recording, and postproduction techniques including digital audio and video editing, graphics, and special effects. To accomplish this, students will be required to participate in a series of assignments that will develop into a short film that utilizes the skills and techniques studied in class. *Prerequisites: FMS-150.*

HIS-290-901 Special Topics in History: History of Economic Racism

This is an introductory course in the history of economic racism. The class will cover economic racism from slavery to plebians to serfs to sharecroppers to modern-day impoverishment as it permeates all human endeavors. We will examine poverty as an economic measure of the ability to feed, clothes, shelter, educate, work and obtain medical care. We will explore areas from Atlanta to Mississippi to Louisiana and compare poverty locally to destitution in foreign countries. There is no single text for this course, but we will use articles, journals, and economic data so that we can discuss how different people, both scholars and people at the time, view the topic both historically and contemporarily. *No prerequisites required.*

MAT-290-901 Special Topics in Mathematics: Mathematical Contest in Modeling

This course is a 2-credit preparatory course for taking part in the Mathematical Contest in Modeling (MCM) February 16-20, 2023. We will meet to learn the format of the contest, practice as a class, then individually, and finally in groups. The goal is to learn how to work in groups with other students of varying expertise which will create an excellent resume item. Participating in the contest itself is not required but strongly encouraged.