

Fall 2020 Special Course Descriptions

ANTC 170 Antioch Seminar: Human Infectious Diseases

This course has been designed to introduce you to principles and issues in infectious disease microbiology in a manner that will be both significant for understanding the disease process and relevant to your health. The topics in Antioch Seminar: Human Infectious Diseases are all related to infectious diseases and their influence on development of human societies, past, present and future. The subject matter pertains to causative agents and their transmission, predisposing risk factors, resulting damage and complications, treatments, and preventive strategies. One underlying theme of Antioch Seminar: Human Infectious Diseases is the impact of infectious diseases on development of human societies. You will learn about major achievements of microbiologists and the resistance they had to overcome to make their breakthroughs. Examples include Pasteur's germ theory of infectious disease and development of Koch's postulates for determining causation of infectious disease, Jenner's development of a protective smallpox vaccine, Fleming, Chain and Florey's work on penicillin and Salk and Sabin's efforts in combating polio. In addition to this, discussion of controversies surrounding vaccines and the occurrence of new diseases such as COVID-19, coupled with the subsequent development of new strategies to combat them will help you learn that the subject matter is historically derived and continually changing.

LIT 130 Literature and Social Justice: The Trickster Figure: Power, Culture and the Underdog

This survey course is intended as an introduction both to the methods and practices of the discipline of literary study, and to a trope common to many genres, cultures, and periods: trickster figures. From Renaissance France, to the Antebellum Southern states, from Native American folkloric orature to postcolonial African literature, and from poetry to theater, students will not only gain an appreciation of the universality of tricksters across time and culture, but compare and contrast strategies for contesting power through cleverness and some of their limits. Although not theory-heavy, this course will introduce strategies for producing theoretically inflected readings, discourse analysis (close reading) techniques, and research-backed argumentation in the humanities.

MATH 103 Special Topics in Algebra

This course covers a wide range of topics in algebra which will prepare students for further study in college level mathematics such as precalculus and/or statistics as well as offering preparation college entrance exams such as the GRE. This course will cover such topics as basic algebraic operations, equations and inequalities, polynomials, functions, rational expressions, exponents and radicals, quadratic equations, and graphing. Prerequisite: Adequate score on the mathematics placement or instructor permission.

MEDA 270 Special Topics in Media Arts: Screenwriting

In this course you will encounter a range of approaches to media writing and integrate them into your own work. This is a workshop course that culminates in two developed (2-3 draft) short screenplays. You will choose one of the two screenplays to develop further into a final draft (to be produced at an undetermined future date). There will be exercises designed to help you understand and experience the writing process and broaden your approach to writing. You will be submitting an exercise or a segment from a project every week and develop your own writing warm-up. There will be a number of workshops throughout the semester where we respond to each other's work. Readings of excerpts of your final scripts will be incorporated into anti-watt programming.

PSYC 395 Special Topics in Psychology: The Psychological Study of Music

This course approaches the study of music from a psychological and research perspective. The course surveys the psychological theories that have been used to study music and how they are used in research. Throughout this quarter, students will study the biopsychological, cognitive, developmental, perceptual, and socio-psychological aspects of music. We will study both the foundations of quantitative designs in psychology and the experimental designs psychologists use in empirical research. Students will use cognitive or social psychological theories to design and conduct a demonstration of their experiment.

SCI 370 Special Topics in Science: Ecosystem Ecology Lab

This 1-credit course is mandatory for students who are on-campus Fall 2020 who are co-enrolled in ENVS360 Ecosystem Ecology. Weekly outdoor labs will connect with ENVS360 lecture content, and will mostly take place in the Glen Helen Nature Preserve, and other terrestrial and aquatic systems in Ohio. Students will learn ecosystem ecology field methods and will practice data analysis and scientific communication.

SSC 105 Social Inquiry

This course introduces students to social inquiry, a process for asking questions, gathering information and understanding the background of important social issues. In this class, students will engage with a variety of social science disciplines -- anthropology, communications, geography, political economy, political science, psychology, and sociology – to understand human behavior and social systems through applied methodological approaches. Engaging and understanding social phenomena is essential for engaged citizenship and effective social change. Students will build personal and professional relationships with all of Antioch College's social sciences faculty through this course and learn about the opportunities that await them through study in the social sciences. This course fulfills the Antioch Commons (AC tag) degree requirement. Prerequisite: None.

VISA 270/370 Special Topics in Visual Arts: Making Color

Conceived as an experimental and broad ranging color theory course structured around the making of Inks, Paints, and Dyes. Through practice and research we will study pre-industrial methods of foraging and sourcing pigments, and binding them into useful mediums in the creation of drawings, paintings, prints, and clothing. The course is designed to respect both the magic and logic of color, and grounding our understanding in the landscapes we inhabit. This course will meet in person for this Fall 2020, and primarily be taught outdoors, which is in part as a useful method of social distancing, and also because much of our foraging will take place outside. If any accommodations to meet outdoors or in person need to be made please contact the instructor at the time of registering to workout particulars. This course can be taken as VISA 270 or 370 to accommodate different levels of learning. If taking the course as VISA 370 a more intensive research component is required.