

Early College Scholars

2018 Fall Evening Courses

Please note the following:

1. These course listings are subject to change and cancellation without notice.
2. Students are permitted to enroll in a maximum of 7 units.
3. Students must meet all prerequisites listed in order to receive permission to enroll in a course.
4. If a course is full, it will be indicated in the course description.

Fall Semester Dates: August 27-December 2018

ART

DRAWING

U79 101 ART

This course for non-art majors teaches basic drawing skills and techniques by drawing from observation. Through sighting and measuring three-dimensional forms and creating the illusion of volume, space, and light on two-dimensional surfaces, students will develop visual language skills. We will work with a variety of black-and-white media to create compositions. Historic references will broaden the students' understanding of drawing as a visual language.

No prerequisites.

3 units.

Tuition: \$1,995.00. Lab, materials fee: \$15.00.

01 Tu 6:00p-8:30p

02 W 5:30p-8:00p

CONTEMPORARY COLLAGE

U79 113 ART

Students will create a body of work using mixed media and collage materials to address a chosen theme inspired by their primary coursework or personal interests. We will learn to use principals of design and composition including line, shape, space, value, texture, color, and collage and explore traditional and contemporary art-making materials. We will consider the work of historical and contemporary artists in an effort to relate our current studio work to the greater context of art history and develop the vocabulary and framework to discuss, critique, and write about work created in the course. By the end of the semester, students will be able to speak with conviction about their layered and created compositions.

No prerequisites.

3 units.

Tuition: \$1,995.00.

M 5:30p-8:00p

RECYCLED AND FOUND OBJECT SCULPTURE

U79 115 ART

Through using only recycled materials and found objects, students will learn additive, subtractive, and assemblage sculptural techniques and gain an understanding of the principles and elements of 3D design. Students will also learn to transform their art practice into a more environmentally aware one. We will also investigate recycled materials and found object sculpture in an art historical context and study a range of historical and contemporary artists working in this medium. The course builds creative problem-solving skills with an emphasis on sustainability.

No prerequisites.

3 units.

Tuition: \$1,995.00.

Th 5:30p-8:00p

WATERCOLOR

U79 124 ART

This course for non-art majors teaches students the fundamentals of the watercolor through the use of a small portable sketchbook and pan watercolor set. The class is designed for all skill levels, and no previous experience is necessary. The goal is to explore properties of color and value by creating a sketchbook of studies that explore technical processes of watercolor, such as washes, glazes, and resists, through a variety of subject matter such as still life, land/urbanscapes, self-portrait, and figure studies. We also investigate historical research and artistic vocabulary through class critiques and written papers.

No prerequisites.

3 units.

Tuition: \$1,995.00.

W 6:00p-8:30p

RELIEF PRINTMAKING

U79 130 ART

This course teaches students the fundamentals of relief printmaking through single and multiple plate registration. Water-based, nontoxic inks will be used. The students will explore the most basic form of printmaking by creating four prints during the semester through a variety of subject matter such as collage-based images, land/urban-scapes, and figure studies.

No prerequisites.

3 units.

Tuition: \$1,995.00

M 6:00p-8:30p

BUSINESS

MARKETING CONCEPTS

U44 270 BUS

This course explores the decision-making process associated with providing consumers with goods and services. Topics include an introduction to the field of marketing and its environment, market research, consumer behavior, product policy, branding, packaging, distribution, promotion, and pricing. We also study how the Internet has changed each of these areas.

No prerequisites.

3 units.

Tuition: \$1,995.00.

W 6:00p-8:30p

INTRO TO PUBLIC AFFAIRS

U44 282 BUS

This course examines the relationships between the public and influential institutions, especially different levels of government and media communication networks. Students also study how changes in communications and media, including the Internet, print, and social media, have influenced the field of public affairs. Related course topics include lobbying, publishing, and entertainment, their interface with political, economic, and social issues, and their influence on the work of public affairs professionals. We also will analyze how changes in the media impact international communication, and how these influence our understanding of other cultures, regions, and countries.

No prerequisites.

3 units.

Tuition: \$1,995.00.

Tu 6:30p-9:00p

INTRO TO PUBLIC SPEAKING

U48 2111 COMM

Public Speaking is an essential skill for success in a student's professional career and in public life. This class is geared for students to succeed. The focus of this class is to develop each student's innate ability and the confidence necessary to speak effectively in public. The presentation skills we will work on are: structuring an effective speech, writing to be heard and not read, and using the voice and body successfully. Students will present an introductory speech, an informative speech and a persuasive speech.

No prerequisites.

3 units.

Tuition: \$1,995.00.

01 M 6:30p-9:00p

02 Tu 6:30p-9:00p

WEB SITE DESIGN AND DEVELOPMENT

U48 218 COMM

This course covers Web site development using the three methods that have been used since Web design first began: hand-coding HTML using a text editor; building Web pages using a WYSIWYG editor like Dreamweaver; and using the most modern method, a Content Management System that separates design from content while making it easy for nontechnical users to update a site. We cover design principles, Cascading Style Sheets, server-side vs. client-side technologies, Web browsers, and Web servers. We conclude the course with a brief overview of the future of Web development: XHTML and XML.

No prerequisites.

3 units.

Tuition: \$1,995.00.

Sa 9:00a-11:30a

INTRO TO JOURNALISM: RESEARCH TO WRITING

U49 211 JRN

This course provides an overview of hands-on journalism skills with an emphasis on clear, accurate, and persuasive writing. Students will learn how to get the story, conduct interviews, report the story, and proofread their work. We will study and practice the art of pursuing a story, digging up and verifying facts, sorting fact from opinion, and uncovering information using principles of fairness, truth, and accuracy. As the format for news distribution varies and changes regularly, the course prepares students to use all platforms, including newspaper, television, radio, Facebook, Twitter, social media, citizen journalism, blogs, and all other formats.

No prerequisites.

3 units.

Tuition: \$1,995.00.

This online hybrid course will meet Mondays, 8/27, 10/1, 11/5, and 12/17. The remainder of the course will be online and asynchronous.

M 5:30p-8:00p

FOREIGN LANGUAGES

INTRO TO BASIC JAPANESE I

U78 105 EASIA

Intro to modern spoken Japanese through aural-oral drills and exercises, and mastery of the basic grammatical structures. Emphasis on the spoken language, although there is also exposure to enough of the Japanese writing systems to meet practical needs.

No prerequisites.

3 units.

Tuition: \$1,995.00.

TuTh 6:00p-7:30p

BEGINNING FRENCH I

U12 106 FR

Intro to French through an audiovisual approach that involves the acquisition of vocabulary and grammar through conversational exchange. In addition, students will develop listening, reading, and writing skills and be introduced to the Francophone world. Activities will be informed by the question of individual and social identity and the film *La Femme Nikita* or *Les Invasions barbares*.

No prerequisites.

3 units.

Tuition: \$1,995.00.

M 6:00p-8:30p

FRENCH CONVERSATION

U12 313 FR

This one-semester course is designed for students with one to two years of college-level French or the equivalent, who wish to perfect their speaking and listening abilities, improving their accent and correct use of common expressions and popular vocabulary. It seeks to increase students' familiarity with the history and culture of modern day France through an emphasis on French film. Viewings, discussion, and assignments center around a designated theme, chosen in order to define, question, and nuance our understanding of specific aspects of French culture.

Prerequisites: Two semesters of college French, U12 106-207, or equivalent (two semesters of college French).

3 units.

Tuition: \$1,995.00.

W 6:00p-8:30p

BEGINNING SWEDISH CONVERSATION

U14 1113 GERMAN

Introductory practice in speaking, and vocabulary development in cultural contexts. May be repeated for credit.

No prerequisites.

1 unit.

Tuition: \$665.00.

TuTh 5:30p-6:30p

BEGINNING RUSSIAN I**U39 105 RUSS**

Interactive multimedia course designed to emphasize spoken language; includes the very latest video materials geared toward situations in contemporary post-Soviet Russian life. Also provides thorough understanding of fundamental grammar and develops reading and writing skills. Five class hours per week, plus an additional hour for conversation, review and testing.

No prerequisites.

3 units.

Tuition: \$1,995.00.

M 6:00p-8:30p

SECOND-LEVEL RUSSIAN I**U39 205 RUSS**

Continuation of Beginning Russian I and II. Primary emphasis on increasing vocabulary and conversational skills.

Prerequisites: U39 105 and 106 or permission of instructor.

3 units.

Tuition: \$1,995.00.

W 6:00p-8:30p

SECOND-LEVEL RUSSIAN V**U39 209 RUSS**

As a continuation of Second Level Russian IV, this course will provide a strong grammar program. Emphasis will be placed on topical lexicon, as well as a number of literary and non-literary readings. Daily assignments will require regular work with tapes.

Prerequisites: Second -Level Russian I, II, III & IV or permission of instructor.

3 units.

Tuition: \$1,995.00.

Tu 6:00p-8:30p

BEGINNING SPANISH I**U27 112 SPAN**

This class will equip students with basic conversation and reading skills in Spanish. In addition it serves as an introduction to important cultural aspects of Spanish and Latin American culture. Intended for students who have not had previous training in Spanish.

No prerequisites.

3 units.

Tuition: \$1,995.00.

Th 6:00-8:30p.

HUMANITIES

Includes courses in drama, literature, English composition, music, philosophy, art history, and classics.

IMPROVISATION**U21 233 DRAMA**

This course introduces students to the fundamentals of improvisation. Students are provided with the tools and techniques to develop their artistic voice, both individually and within an ensemble, through various theatre games, exercises, and techniques. Students will build self confidence, develop creativity, hone presentation skills, and have fun through working collaboratively in an ensemble. Both actors and non-actors are encouraged to take this class.

No prerequisites.

3 units.

Tuition: \$1,995.00. Lab, materials fee: \$15.00.

M 4:00p-6:30p

PRINCIPLES OF WRITING**U11 101 ECOMP**

Introduces the skills needed to write persuasively through a sequence of assignments, including summary, analysis, and critique. Students use these skills to begin a research project that anticipates work done in English Composition 203. Frequent exercises focusing on style and rhetoric.

No prerequisites.

3 units.

Tuition: \$1,995.00.

01 M 6:00p-8:30p

02 W 6:00p-8:30p

CRITICAL AND RESEARCHED WRITING**U11 203 ECOMP**

This course teaches students to engage critically with scholarship, construct convincing arguments, and write persuasive research papers. We will study how other writers achieve these goals, then use a proven model of researched writing to write an argument and paper about a text of your own choosing that includes accurate use of primary and secondary sources. Concentrating on a single research project throughout the semester, attention will be given to revision and organization, library research strategies, academic citation conventions, and electronic search engines and sources.

Prerequisites: U11-101 or its equivalent.

3 units.

Tuition: \$1,995.00.

01 Th 6:00p-8:30p

02 W 6:00p-8:30p

INTRO TO CREATIVE WRITING: POETRY, FICTION, AND CREATIVE NON-FICTION **U11 225 ECOMP**

An introduction to creative writing, with a focus on the genres of poetry, fiction, and creative nonfiction. Students will discuss examples of published work, practice writing in all three genres, and learn how to give and take constructive criticism.

No prerequisites.

3 units.

Tuition: \$1,995.00.

Tu 6:30p-9:00p

EXPLORING MUSIC**U24 114E MUS**

A wide-ranging introduction to music in its many forms. Western classical and popular music will be studied along with music from other cultures to highlight the varied conceptions, functions, and practices of music in different times and places. Discussion of specific pieces will facilitate growth in basic musical skills and provide insights into music's multifaceted historical/cultural resonances. No previous musical background required. Includes regular reading and listening assignments.

No prerequisites.

3 units.
Tuition: \$1,995.00.
Tu 7:00p-9:30p

THE MUSIC OF THE BEATLES

U24 218 MUS

Course examines the Beatles and their music against the backdrop of the larger musical/historical context from which they emerged. Utilizing contemporary documentation as well as more recent criticism and scholarship, the course will undertake a wide-ranging examination of the Beatles' musical output (i.e., musical roots, stylistic influences, compositional techniques, texts) and assess their overall artistic achievement and cultural impact. No previous musical background required. Work includes regular reading and listening assignments.

No prerequisites.
3 units.
Tuition: \$1,995.00.
W 7:00p-9:30p

PRESENT MORAL PROBLEMS

U22 131 PHIL

Examination, in the light of both contemporary discussion and the philosophical literature, of some moral problems of current concern. Issues include abortion and euthanasia, race relations, the limits of political dissent, surrogate motherhood, and the moral character of sexual relationships. Can torture be justified? How should we treat animals? Is racial profiling ever okay? What, if any, limitations should we place on the use of drugs? What about pornography? How should immigration be managed? And what do we owe to less fortunate people in other countries? In this class, we'll discuss these and other pressing ethical and political issues currently facing modern societies.

No prerequisites.
3 units.
Tuition: \$1,995.00.
M 5:30p-8:00p

BIOMEDICAL ETHICS

U22 233 PHIL

A critical examination, in light of contemporary moral disagreements and traditional ethical theories, of some of the moral issues arising out of medical practice and experimentation in our society. May include euthanasia, genetic engineering, organ transplants, medical malpractice, the allocation of medical resources, and the rights of the patient.

No prerequisites.
3 units.
Tuition: \$1,995.00.
W 6:00p-8:30p

MATHEMATICS

INTRO TO STATISTICS

U20 1011 MATH

This course covers basic concepts of statistics, including data collection (sampling and designing experiments), data organization (tables, graphs, frequency distributions, numerical summarization of data), and statistical inference (elementary probability and hypothesis testing).

Prerequisites: high school algebra.
3 units.
Tuition: \$1,995.00.
Th 6:30p-9:00p

PROGRAMMING WITH PYTHON

U20 133 MATH

An introductory course for students with little or no programming experience. Topics include the software development process, documentation, debugging, and testing within the commonly used Python environment. At the end of the course students should be able to write and debug basic programs to display and interpret data using accepted programming conventions and styles.

No prerequisites.
3 units.
Tuition: \$1,995.00.
Th 6:30p-9:00p

PRECALCULUS I

U20 141 MATH

A study of the properties of cyclical and transcendental functions in preparation for further coursework in calculus. Topics covered include the continuation of the study of polynomial, exponential and logarithmic functions and a foundation in trigonometry, including analytic trigonometry and application and polar coordinates. U20-140 and 141 serve as preparation for the calculus sequence.

Prerequisites: trigonometry
3 units.
Tuition: \$1,995.00.
Tu 6:30p-9:00p

CALCULUS I

U20 155 MATH

First course in differential calculus covering functions, limits, continuity, derivatives, techniques of differentiation, and applications including maxima and minima of functions, curve sketching, related rates and rectilinear motion, mean value theorem.

Prerequisites: U20-141 or equivalent, including trigonometry.
3 units.
Tuition: \$1,995.00.
Tu 6:30p-9:00p

ADVANCED DATA VISUALIZATION (WITH R)

U20 224 MATH

Visual representations of data are important for conveying complex information simply. There are many packages available in R (such as ggplot2) that can be used to generate plots and graphs of various kinds. Sometimes the default output from a particular command is not the best way to communicate a particular result or trend. This online hybrid course will help students to learn more about the common ways to display data, as well as how to make changes to the codes so that the visualizations are more effective. Visualization techniques involve study from areas such as graphic design, computer science, psychology, and mathematics. Topics include: categorical data, distributions, time series, scatter plots, and maps.

Prerequisites: Math 124 and Math 205 or 305 or equivalents.
3 units.
Tuition: \$1,995.00.
SECT 01: Online hybrid
M 6:45p-8:00p

CALCULUS III

U20 255 MATH

Continuation of U20 156. Vectors in the plane and in space, lines and planes in space, calculus of vector-valued functions, parametric equations, arc length, polar coordinates, infinite series, and Taylor's theorem.

Prerequisites: U20 156 or equivalent.

3 units.

Tuition: \$1,995.00.

Th 6:30p-9:00p

SCIENCES

Includes courses in biology, chemistry, psychological and brain sciences, earth and planetary sciences

NUTRITION

U29 204 BIO

This course examines nutrition as an interdisciplinary science including the chemistry, function, and metabolism of nutrients; regulations of food intake; food habits; digestion and absorption of nutrients; methods of determining nutrient content of foods and nutrient requirements for humans and animals; comparative nutrition; problems of human malnutrition; relation of nutrition to disease; toxic materials in foodstuffs; economic, nutritional, and social problems involved in feeding the world population and future possibilities for meeting nutritional needs of the world's population. This is a basic course in nutrition that is not designed for prospective health care professionals.

No prerequisites.

3 units.

Tuition: \$1,995.00.

01 Tu 6:00p-8:30p

02 W 6:00p-8:30p

NATURAL DISASTERS

U13 132 EPSC

A natural disaster is accounted a disaster because of the effects it has on life. Natural disasters occur in many forms, from extrinsic events such as a collision with a 10 km diameter asteroid to intrinsic events such as pandemics, both of which can destroy life on grand scales and both have definable origins which can be studied. A supernova is a titanic event, but it is part of the life cycle of a certain class of stars, is physically inevitable, and cannot be accounted as a disaster, unless your planet lies nearby and is thus extinguished by the associated phenomena of the supernova. Now that we know our galaxy contains as many as 40 billion habitable planets, a nearby supernova is a distinct possibility as a final catastrophe for some unlucky planet. During this course, we will explore a very wide range of natural disasters, studying the physical, chemical, and biological origins from which they arise, and survey their consequences, both expected and unexpected. Many of these topics have been the subject of a documentary or Hollywood film. We will view these online at WUSTL Box, as needed. We shall then dissect these events, real and proposed, with our knowledge of physics, chemistry, and biology and learn how these natural disasters fit into the natural scheme of events in the universe and critique the documentaries and the films.

No prerequisites.

3 units.

Tuition: \$1,995.00.

W 6:30p-9:00p

INTRO TO PSYCHOLOGY

U09 100 PSYCH

This course covers current concepts and theories of learning, motivation, emotion, perception, thought, intelligence, and personality, emphasizing both biological and philosophical aspects.

No prerequisites.

3 units.

Tuition: \$1,995.00.

W 6:00p-8:30p

SOCIAL SCIENCES

Includes courses in economics, political science, sociology, anthropology, and GIS.

INTRO TO CULTURAL ANTHROPOLOGY

U69 160 ANTHRO

Equality, hierarchy, and stratification in tribal, peasant, and industrializing societies from past and present cultures. Comparison of the ways in which different cultures legitimize social difference; myth and ritual in relation to the social order and social process; patterns of authority and protest; theories of sociocultural change and evolution.

No prerequisites.

3 units.

Tuition: \$1,995.00

Tu 5:30p-8:00p

INTRO TO ARCHAEOLOGY

U69 190 ANTHRO

Archaeology plays a critical and unique role in understanding the human past. Through study of the methods and theories of archaeology, and a survey of important firsts in the human past, this course introduces students to the way archaeologists use material culture to reconstruct and understand human behavior. Chronologically ordered case studies from around the globe are used to look at social, ecological, and cultural issues facing humans from the earliest times to the present. Students gain practice reconstructing the past through hands-on participation in two 1-hour labs focusing on lithics and animal bones. By the end of the course, students are expected to be able to think critically about how the past is presented, and why, and the importance of the past as it relates to the present and future.

No prerequisites.

3 units. Tuition: \$1,995.00.

W 5:30p-8:00p

INTRO TO MACROECONOMICS

U07 1021 ECON

Business fluctuations: inflation, recession; monetary and fiscal policy; economic development.

No prerequisites.

3 units. bTuition: \$1,995.00.

M 6:30p-9:00p

REPRESENTING MODERN KOREA: SOCIETY, CULTURE, AND HISTORY

U78 235 EASIA

This course explores modern Korean culture, society, and history through an examination of works of Korean literature, film, and secondary sources and primary sources from various periods. The period under investigation begins with the opening of Korea in the late 19th century and extends to the present. The course examines a wide range of cultural and social topics including the changing roles of women in Korean society, religion, nationalism, colonialism, war, national division, language, education, industrialization, dictatorship, consumerism, science and technology, and life in the diaspora.

No prerequisites.
3 units.
Tuition: \$1,995.00.
TuTh 5:30p-7:00p

THE SHORT 20TH CENTURY: EUROPE, 1914 - 1991

U16 213 HIST

This course covers the two world wars; fascism, nazism and communism; postwar recovery and the Cold War, and the loss of empire. We will pay significant attention to the ways in which religion, ideology, and nationalism appreciably shaped the lives of people living in Europe during an era of total war, competing ideologies, and decolonization, focusing on what historians often call "the short twentieth century," 1914-1991.

No prerequisites.
3 units.
Tuition: \$1,995.00.
W 5:30p-8:00p

AMERICAN POLITICS

U25 101 POLSCI

This course provides an overview of the politics of American government. The topics covered are the historical developments of American politics, federalism, political participation (e.g., voting) institutions (e.g., congress), and public opinion. That political actors are strategic in their pursuit of objectives is a theme underlying our examination of these topics. Accordingly, we explore the many ways in which strategic political behavior impacts institutions and the interactions between political actors in the US.

No prerequisites.
3 units.
Tuition: \$1,995.00.
Th 6:00p-8:30p

INTRO TO INTERNATIONAL POLITICS

U25 103 POLSCI

Why do countries fight wars? When do states decide to trade? How can countries address global challenges such as climate change? This course introduces students to the tools needed to answer those and other questions related to the interaction between states. First, we cover the theoretical and empirical basics required to analyze international politics in major policy areas such as conflict, trade, development, and the environment. Second, we explore the role of international organizations and how international interactions are connected to domestic politics.

No prerequisites.
3 units.
Tuition: \$1,995.00.
Tu 6:00-8:30p

INTRO TO SOCIOLOGY

U68 220 SOC

Sociology is the study of social life or more specifically the study of society and human cultures. It is distinguished from other social sciences, such as psychology, by its exploration of social life and consequent human interaction within the context of groups and institutions. Sociology begins with the broader society as its starting point and works its way down to the individual. This course introduces the student to the methods and frameworks developed and used by sociologists to engage in the above-mentioned endeavors. It also provides the student with a more informed understanding of the world around them and their place in it

No prerequisites.
3 units.
Tuition: \$1,995.00.
Tu 6:00-8:30p