Early College Scholars
2019 Fall Evening Courses

Please note these course listings are subject to change or cancellation at any time without notice.

Fall Semester Dates: August 26-December 17, 2019

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 students’ understanding of drawing as a visual language. 3 units. Tuition: $1,995.00. Lab, materials fee: $15.00.
01 Tu 6:00p-8:30p
02 W 5:30p-8:00p

WATERCOLOR U79 124 ART
This course teaches the fundamentals of watercolor through the use of a portable sketchbook and pan watercolor set. Students will create 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. Written papers and class critiques provide an historical context to our work. For non-art majors with no previous experience. 3 units. Tuition: $1,995.00.
01 W 6:00p-8:30p
02 M 5:30p-8:00p

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.
01 M 6:00p-8:30p

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. 3 units. Tuition: $1,995.00. Lab, materials fee: $15.00.
01 Th 5:30p-8:00p

THE CELL PHONE AND THE SELF: SELF-PORTRAIT PHOTOGRAPHY IN THE SOCIAL MEDIA AGE U79 213 ART
This is a studio-based course which uses the cell phone camera as the primary instrument of artistic production, topically focusing on the photographic self-portrait, both historically and in how it has transformed in the age of social media and the accompanying proliferation of authorship. Students will follow project prompts to create their own versions of self-portraiture while simultaneously investigating the history of the artistic photographic self-portrait through the practices of artists such as: Cindy Sherman, Robert Mapplethorpe, Francesca Woodman, David Wojnarowicz, Tracey Moffat, Claude Cahun, Petra Collins, Catherine Opie, Gillian Wearing, Eleanor Antin, Carrie Mae Weems, Nikki S. Lee, and Vivian Maier, among others. We will tackle issues such as auto-biography, self-surveillance, personal archive, constructed self, invisibility, and narcissism. We will consider the meaning embedded in differing modes of presentation from Instagram to the white-walled gallery as we make and discuss work. This is a studio course with a discussion component. Students will make images using their cell phones which will then be uploaded, projected, and critiqued in class. 3 units. Tuition: $1,995.00.
01 Th 5:30p-8:00p

BUSINESS & COMMUNICATIONS

INTRO TO PUBLIC SPEAKING U48 2111 COMM
Public speaking is a skill essential for success in most professional careers. The focus of this class is to develop the basic ability and confidence necessary to speak effectively in public. The presentation skills we will work on are proper diction, projection, breath control, effective use of the voice and body, writing to be heard not read, oral critiques, and informative and persuasive speaking. Critical listening and group work will also be emphasized. 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. 3 units. Tuition: $1,995.00.
01 Sa 9:00a-11:30a

Data To Decision: Intro To Uses And Abuses Of Data Analytics U44 210 Bus
This course is designed to provide students and business professionals the vocabulary and key concepts needed to utilize data analytics and understand associated techniques for decision making. Topics include data wrangling, data visualization, assessment, modelling, and ethics associated with analytics. Students will learn to evaluate and analyze data, understanding outcomes and limitations, in order to work effectively with data scientists who design and run studies. Through assignments and projects, students will be able to examine applications of data analytics from their current work or studies. 3 units. Tuition: $1,995.00.
01 M 6:30p-9:00p
Financial Accounting  U44  263  Bus
This course presents the study of financial and managerial applications of accounting—the language of business—for a more complete understanding of the composition of financial statements. Topics include the accounting cycle to management accounting, emphasizing the impact of accounting practices on the financial statements. Current accounting software is used as a tool for practical applications exposure.  3 units. Tuition: $1,995.00.
01  Th 5:00p-7:30p

FOREIGN LANGUAGES

Intro To Basic Korean I  U78  1031  EAsia
This course is designed to introduce basic spoken Korean in various daily communication contexts through conversations, drills and exercises, and mastery of the basic grammatical structures. The major emphasis is on the spoken communication in modern Korean, although there is also exposure to important Korean cultural aspects to meet the practical needs such as travel and business. The course also integrates various authentic materials including audio/visual materials.  3 units. Tuition: $1,995.00.
01  MW 5:30p-7:00p

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.  3 units. Tuition: $1,995.00.
01  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.  1 unit. Tuition: $665.00.
01  TuTh 6:30p-7:30p

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.  3 units. Tuition: $1,995.00.
01  M 6:00p-8:30p

Beginning Spanish I  U27  112  Span
This course 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. 3 units. Tuition: $1,995.00.
01  Th 6:00p-8:30p

HUMANITIES

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

Elementary Ancient Greek  U02  103  Classics
Intro to the language and literature of classical Greece, readings derived from Aristophanes, Plato, and Demosthenes. (No previous study of Greek is assumed.) This course is not part of the day school sequence of Beginning and Intermediate Greek. Students in the day school should consult with the department.  3 units. Tuition: $1,995.00.
01  M 6:00p-8:30p

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.  3 units. Tuition: $1,995.00. Lab, materials fee: $15.00.
01  M 4:00p-6:30p

Representing Modern Korea: Society, Culture, And History  U78  235  EAsia
This course explores modern Korean culture and society 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.  3 units. Tuition: $1,995.00.
01  Tu 5:30p-8:00p

Literature In English: Early Texts And Contexts  U65  261  ELit
This course provides beginning students of English with a chronological outline of early literature in English from the Middle Ages to the late eighteenth century. It introduces them to the central themes, genres, and forces that have shaped the early history of literature as well as the tools, vocabularies, and critical practices of literary studies. We will organize our semester around four themes: inventing a nation; the sacred and the secular; centers and margins; private and public. We will study, among others, four of the following key texts and authors: Sir Gawain and the Green Knight, Chaucer, Shakespeare, Milton, and one of Defoe's novels. 3 units. Tuition: $1,995.00.
01  Tu 6:00p-8:30p

Analytical Writing  U11  111  EComp
This course is about reading well and writing deliberately and sees those two acts as intimately related. Students will read as writers, studying the strategies that writers use to write persuasively, and practicing those strategies in their own writing. The course offers a method for close reading (based on finding meaningful patterns); it offers practice linking claims with evidence for those claims and it offers practice organizing papers using such skills as well-written summaries, theses, transitions, topic sentences, and paragraphs.  3 units. Tuition: $1,995.00.
01  M 6:00p-8:30p
02  W 6:00p-8:30p

3/13/19 2:43 PM
Coolidge famously noted that the business of America is business. In this course you will explore the history of America through the history of its business as well as its workers. You will explore how economic factors have shaped the lives of Americans and the work they do and the products they make and use. It's about Christopher Columbus, Steve Bezos, and everyone in between.

3 units. Tuition: $1,995.00.
01 M 5:00p-7:30p

Women And Music

This course will examine music from the twelfth century to the present through the experiences of the women who influenced it. We will consider significant women composers and performers as well as music-making within women's institutions. Ability to read music not required. 3 units. Tuition: $1,995.00.
01 W 7:00p-9:30p

Hymns Of The Republic: The Music Of American Religion

Religious musical expression in the United States has bolstered pride, preserved ethnic identity, claimed respect, called for change, and, in short, been the stage for the living out of democracy. When the sounds of American religion are opposed or paraded, it is rarely for only religious reasons. Our studies will venture into race and ethnicity, regional identity, and the construction of American cultural politics. We will engage with a diverse collection of recorded artifacts, film, and news media. Along the way, we will encounter rowdy camp revivals of the Second Great Awakening, spirituals of the Fisk Jubilee Singers, the social politics of American Judaism, the anti-rock crusades of conservative Christianity, the preservation of spirituality through Native American pow-wows, contemporary controversies over the use of the Islamic adhan, and more. The ability to read music is not required for this course. 3 units. Tuition: $1,995.00.
01 M 7:00p-9:30p

Present Moral Problems

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. 3 units. Tuition: $1,995.00.
01 W 6:00p-8:30p

MATHEMATICS

Intro To Statistics

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). Prereq: high school algebra. 3 units. Tuition: $1,995.00.
01 Th 6:30p-9:00p

Programming With Python

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. 3 units. Tuition: $1,995.00.
01 Th 6:30p-9:00p
02 Tu 6:30p-9:00p

Precalculus I

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

Calculus I

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

Calculus III

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. Prereq: U20 156 or equivalent. 3 units. Tuition: $1,995.00.
01 Th 6:30p-9:00p

SCiences

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

Nutrition

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. 3 units. Tuition: $1,995.00.
01 Tu 6:00p-8:30p
02 W 6:00p-8:30p

Natural Disasters

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.

3 units. Tuition: $1,995.00.
01 W 6:00p-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. Psychology 100 is a prerequisite for all 300-level and above psychology courses. 3 units. Tuition: $1,995.00.
01 W 6:00p-8:30p

**Quantitative Reasoning** U74 117 Sci
The objective of this course is to help students develop the ability to reason and think quantitatively and critically in order to make informed decisions on issues that they will confront in personal life and life as a citizen. It will provide students with the quantitative skills needed in future college course work and careers. In addition, it will emphasize written and oral communication. 3 units. Tuition: $1,995.00.
01 Tu 5:30p-8:00p

**Modernist Cuisine** U74 127 Sci
This course covers the science of modernist cuisine, the chemistry of cooking. Traditional cuisine is comprised of a standard canon of recipes and techniques. Modernist cuisine, on the other hand, uses non-traditional equipment, ingredients, procedures, and techniques to create unconventional food. Modernist cuisine uses some of the science involved in large scale industrial food production along with basic science to create novel food items. The course examines the basic properties of cooking utensil materials, physics of the design of utensils, basic properties of water, plant and animal materials, physics and chemistry of phase changes, emulsion and gel formation, sous vide, gels and food safety. This course is for non-science majors. No prerequisites. 3 units. Tuition: $1,995.00.
01 Th 6:00p-8:30p

**SOCIAL SCIENCES**

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

**Foundations And Practice Of Sustainability** U19 205 SUST
This interdisciplinary course serves as an introduction to sustainability concepts, sustainability practice, and systems thinking. Students in this course will develop and articulate a common understanding of foundational sustainability concepts, including definitions, global challenges, human impacts, and approaches to sustainability solutions. Students will also start to understand and develop the competencies (knowledge, skills, attitudes) needed for success as a sustainability advocate or practitioner in professional settings, including systems thinking, strategic planning, group collaboration, and communicating the case for sustainability to various and specific audiences. 3 units. Tuition: $1,995.00.
01 Th 6:00p-8:30p

**Just Do It! Running For Political Office** U25 227 PolSci
The course will focus on issues and skills related to running for political office at the national level. Students will explore how different roles and strategies contribute to successful campaigns of candidates. Students will research issues facing candidates running for political office, prepare for and participate in simulated exercises that may face a candidate and campaign staff, and learn about the importance of understanding and appealing to divergent points of view. Students will work in teams of 3 or 4 in order to plan and complete the simulation exercises. They will be assigned roles such as political candidate, campaign manager, scheduler, communications director. 1 unit. Tuition: $665.00.
01 M 5:30p-6:30p
02 Th 5:30p-6:30p

**Intro To Gis** U82 200 CIM
This course introduces students to the fundamental principles and applications of geographic information systems (GIS), their underlying geospatial science and spatial thinking. This problem-based course explores applications of GIS to spatial questions in the areas of social science, business, the humanities and earth sciences. Example topics include understanding spatial data types; map coordinate systems and projections; basic spatial data analysis; acquiring, editing, creating and managing geospatial data; and processing and visualizing data using GIS. This hands-on course works through problems using (mainly) ESRI ArcGIS software (including ArcMap and ArcCatalog), but other open source tools will also be introduced. Students who complete this course should be able to apply skills to think through a spatial problem and employ GIS tools to address it. 3 units. Tuition: $1,995.00.
01 Tu 5:30p-8:00p

**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. 3 units. Tuition: $1,995.00
01 Tu 6:00p-8:30p

**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. 3 units. Tuition: $1,995.00.
01 M 5:30p-8:00p