

CAS-COLLEGE OF ARTS & SCIENCES

CAS 1104 YES Oklahoma - A Primer for Cancer Research 4 Credit Hours

Prerequisite: Enrollment in OU's YES Oklahoma summer STEM program (instructor permission and concurrent high school student). Understanding cancer research and its societal and cultural contexts is vital for all. The course has a nature, life and social science perspective, yet the assignments are heavily social science methods. (Su)

CAS 1124 YES Oklahoma: Cancer Research Training 4 Credit Hours

Prerequisite: Enrollment in OU's YES Oklahoma summer STEM program (instructor permission and concurrent high school student). This is the natural science course for the concurrently enrolled students of YES Oklahoma; the focus is scientific methodology and an introduction to a body of foundational and factual knowledge about cancer. Included is an introduction to genomics, human variation and cancer biology, laboratory research experiences and professionalization. (Su) [II-NSL].

CAS 1523 Gateway to Belonging at OU 3 Credit Hours

This course teaches critical thinking skills and supports students in developing a true understanding of others, as well as a sense of belonging at OU and beyond. It offers students an opportunity to consider how they have formed their own beliefs and opinions and how they can interact with one another to gain the most from their college experience. (F, Sp, Su) [V-FYE].

CAS 1543 Ethical and Intercultural Leadership 3 Credit Hours

This course offers students an exploration of ethical and intercultural leadership through an interdisciplinary lens. Students will have an opportunity to practice ethical and moral decision-making and other competencies, skills, and attitudes that are beneficial for leading and facilitating intercultural groups in the campus and community environments. (F, Sp, Su) [V-FYE].

CAS 1553 Gateway to the Sciences 3 Credit Hours

Prerequisite: Majors only. This course enriches the first-year experience. Students discuss how various fields of science impact society and explore majors and career possibilities. Students develop the ability to find and critically evaluate sources of information, build teamwork skills, and effectively communicate. Students learn fundamental concepts and effective study strategies. Enrollment is restricted to specific majors. (F, Sp, Su) [V-FYE].

CAS 1563 Gateway to the Social Sciences 3 Credit Hours

This course enhances the first-year experience by cultivating a supportive student community that thrives on interactive learning. Participants will actively examine how diverse fields within the realm of social sciences influence society, and gain insights into their research methodologies. Students will also gain an understanding of the rich diversity of scientific disciplines within the social sciences. (F, Sp, Su) [V-FYE].

CAS 1573 Gateway to the Humanities 3 Credit Hours

This course enhances the first-year experience by cultivating a supportive student community that thrives on interactive learning. Participants will actively examine how diverse fields within the realm of the Humanities influence society, and gain insights into their research methodologies. Students will also gain an understanding of the rich diversity of disciplines within the Humanities. (F, Sp, Su) [V-FYE].

CAS 2970 Special Topics 1-3 Credit Hours

1 to 3 hours. Prerequisite: May be repeated; Maximum credit nine hours. Special topics course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research, and field projects. (Irreg.)

CAS 3002 Digital Scholarship Internship 2 Credit Hours

Prerequisite: junior standing or permission of instructor. Provides the opportunity to learn technological means of communicating academic information to the public. Such digital skills are increasingly necessary in a global job market. Students will reflect upon and integrate their practical experiences learning technological communication formats into their major, minor, or study abroad coursework, incorporating how the internship illuminates and augments a particular aspect of academic research. (F, Sp, Su)

CAS 3091 Career Planning for Arts and Sciences Students 1 Credit Hour

Prerequisite: CAS major; must have completed 30 hours. Assist students to determine personal career goals, explore career opportunities beyond graduation, develop a strategy for the job search process, and improve job search techniques as life-long resource tools. (F, Sp)

CAS 3440 Mentored Research Experience 3 Credit Hours

0 to 3 hours. Prerequisites: ENGL 1113 or equivalent, and permission of instructor. May be repeated; maximum credit 12 hours. For the inquisitive student to apply the scholarly processes of the discipline to a research or creative project under the mentorship of a faculty member. Student and instructor should complete an Undergraduate Research & Creative Projects (URCP) Mentoring Agreement and file it with the URCP office. Not for honors credit. (F, Sp, Su)

CAS 3900 Study Abroad 1-6 Credit Hours

1-6 hours. Prerequisite: sophomore standing and completion of ENGL 1213, or permission of instructor. May be repeated; maximum credit 12 hours. Content/location varies. Enrollment in this course indicates that the student is participating in an OU study abroad program run by the College of Arts and Sciences, taught by OU faculty. They will study various cultural, historical, political, social, economic or linguistics issues relevant to understanding their study abroad environment in the specific country chosen and reflected in the course title. (Su)

CAS 3901 Arts and Sciences Co-Op Program 1 Credit Hour

Prerequisite: concurrent participation in A&S Co-Op Program. Program allows students to work outside the university in a job related to the major. Enrollment in this course will be during a term in which a student is working full-time, with the cooperation of the employer, with the intent of returning to OU to continue with the degree requirements. Upon completion of the term's work, the student will write a paper describing their work experience and the relevance to their major. (F, Sp, Su)

CAS 3960 Honors Reading 1-3 Credit Hours

1 to 3 hours. Prerequisite: Admission to Honors Program. May be repeated; maximum credit six hours. Consists of topics designated by the instructor in keeping with the student's major program. The topics will cover materials not usually presented in the regular courses. (F, Sp, Su)

CAS 3970 Honors Seminar 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program. May be repeated; maximum credit six hours. Subjects covered vary. Deals with concepts not usually treated in regular courses. (Irreg.)

CAS 3980 Honors Research 1-3 Credit Hours

1 to 3 hours. Prerequisite: Admission to Honors Program. May be repeated; maximum credit six hours. Will provide an opportunity for the gifted Honors candidate to work at a special project in the student's field. (F, Sp, Su)

- CAS 3990 Independent Study 1-3 Credit Hours**
1 to 3 hours. Prerequisite: permission of instructor and junior standing. May be repeated once with change of content. Independent study may be arranged to study a subject not available through regular course offerings. (F, Sp, Su)
- CAS 4103 Star Trek Science & Philosophy 3 Credit Hours**
Prerequisite: Junior standing or permission of instructor. This class explores classic themes from science and philosophy as illustrated by select episodes from Star Trek the Original Series (1966-1969). This is not a film class, it is a class in intellectual history. In addition to viewing select episodes of Star Trek in class, there is a significant amount of reading involved. (F, Sp)
- CAS 4113 Life After OU: A Survival Course 3 Credit Hours**
Prerequisite: senior standing. Introduces students to practical aspects of life after college. Includes interviewing; legal aspects of employment; money, banking and finances; insurance; mortgages; estate planning; and civic involvement. (Irreg.)
- CAS 4630 CAS Internship 1-6 Credit Hours**
1 to 6 hours. Prerequisite: CAS major; must have completed at least 30 hours; permission of instructor. May be repeated; maximum credit six hours. Provides hands-on experience for students in chosen field of study. (F, Sp, Su)
- CAS 4703 Multidisciplinary Capstone 3 Credit Hours**
Prerequisite: senior standing and permission. Explores interdisciplinary topics through research, analysis, and writing. It will incorporate instruction in appropriate research methods, focus on contemporary issues from a global perspective, and prepare students to function as informed citizens in a democracy. Required readings will provide a common basis for discussion. (F, Sp) [V].
- CAS 4710 Entrepreneurship Internship 1-3 Credit Hours**
Prerequisite: Student must have declared minor in enterprise studies. May be repeated for up to six hours credit. (F, Sp, Su)
- CAS 4960 Directed Readings 1-4 Credit Hours**
1 to 4 hours. Prerequisite: good standing in University; permission of instructor and dean. May be repeated; maximum credit four hours. Designed for upper-division students who need opportunity to study a specific problem in greater depth than formal course content permits. (Irreg.)
- CAS 4970 Special Topics/Seminar 1-3 Credit Hours**
1 to 3 hours. Prerequisite: Senior standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)
- CAS 4990 Independent Study 1-3 Credit Hours**
1 to 3 hours. Prerequisite: Senior standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)
- CAS 5003 Introduction to Grad Studies 3 Credit Hours**
Prerequisite: graduate standing. Intensive seminar providing orientation to advanced interdisciplinary study, appreciation for standards of performance and scholarship appropriate to graduate study, development of skills necessary for success in academic research and writing in a graduate interdisciplinary program. (F, Sp, Su)
- CAS 5013 Interdisciplinary Foundations 3 Credit Hours**
Prerequisite: graduate standing. Selected readings designed to reinforce the interdisciplinary approach to graduate studies and to introduce the concept of paradigms as an organizing principle for understanding and interpreting information. (F, Sp, Su)
- CAS 5043 Research Methods 3 Credit Hours**
Prerequisite: graduate standing, CAS 5003 and CAS 5013; or permission of dean. Theories and techniques of research designed to prepare MLS students to carry out individual research on a topic within an interdisciplinary program of study. (F, Sp, Su)
- CAS 5073 Quantitative Research Methods for Interdisciplinary Studies 3 Credit Hours**
Prerequisite: Graduate standing, CAS 5003 and CAS 5013 or permission from graduate advisor. Introduction to descriptive and inferential statistics for quantitative research in interdisciplinary studies. Includes use of graphs, frequency distributions, probability, central tendency, dispersion, hypothesis testing, tests of mean differences, and correlation. (F, Sp, Su)
- CAS 5083 Qualitative Research Methods in Interdisciplinary Studies 3 Credit Hours**
Prerequisite: graduate standing, CAS 5003 and CAS 5013; or permission of dean. An inquiry designed to acquaint students with qualitative research methods in interdisciplinary study. By the end of the course, the student will be familiar with the most common methods and issues qualitative research. Students will learn how to design a study; how to recognize and address ethical issues; and how to analyze qualitative data. (F, Sp, Su)
- CAS 5700 Advanced Topics in Interdisciplinary Studies 2-9 Credit Hours**
2 to 9 hours. Prerequisite: graduate standing. Intensive research on a topic related to the student's program of study; variable topics. (F, Sp, Su)
- CAS 5920 Internship 2-6 Credit Hours**
2 to 6 hours. Prerequisite: Graduate standing, CAS 5003, and permission of dean; May be repeated, maximum credit six hours. 450 hours of field experience directly related to study focus in the MA in Integrative Studies program (75 hours per credit hour of enrollment). Requirements include journal, reports, written summary, and comprehensive examination over these materials. (F, Sp, Su)
- CAS 5940 Research Project 2-6 Credit Hours**
2 to 6 hours. Prerequisite: Graduate standing, CAS 5003, CAS 5013, and completion of core class; May be repeated, maximum credit six hours. Completion of an applied research project related to MS in Criminal Justice. The format of the final deliverable may vary according to topic and purpose of the project but must include a written component. (F, Sp, Su)
- CAS 5960 Directed Readings 1-3 Credit Hours**
1 to 3 hours. Prerequisite: graduate standing and permission of department. May be repeated; maximum credit twelve hours. Directed readings and/or literature reviews under the direction of a faculty member. (F, Sp, Su)
- CAS 5970 Special Topics/Seminar 1-3 Credit Hours**
1 to 3 hours. Prerequisite: Graduate standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)

CAS 5990 Independent Study 1-3 Credit Hours

1 to 3 hours. Prerequisite: Graduate standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)