

AS.290 (BEHAVIORAL BIOLOGY)

AS.290.101. Human Origins. 3 Credits.

This course examines the origins of human structure, function and behavior from an evolutionary perspective. It includes study of the evolution, behavior and behavioral ecology of nonhuman primates, hominid evolution (including the paleontological and archaeological records), and the origins of human cognition, social behavior and culture.
Area: Natural Sciences, Social and Behavioral Sciences

AS.290.303. Animal Communication. 3 Credits.

This course examines animal communication in all modalities (especially sound, sight, and scent) across taxa. Production, perception and evolution of signals will be discussed. Students will learn how to conduct research and write scientific papers in publication form.

Prerequisite(s): AS.200.208 OR AS.200.344

Area: Natural Sciences, Social and Behavioral Sciences

AS.290.304. Comparative Neuroanatomy. 3 Credits.

This course examines the phylogenetic and developmental history of the central nervous system across the vertebrate tree of life, with emphasis on the deep history of those features that characterize the human brain. We will study how our understanding of non-human vertebrates (both model and non-model organisms) can provide important insights into the structure and function of the modern human brain.

Prerequisite(s): (AS.080.305 AND AS.080.306) OR AS.200.141

Area: Natural Sciences

AS.290.420. Human Sexual Orientation. 3 Credits.

This course will examine the historical and current theories of sexual orientation and sexual variation development by examining the biological, psychological and social contributing factors that influence the development of sexual orientations and variations along with treatment and modification of problematic sexual behaviors. Students may enroll in both AS.200.204 and AS.290.420, but cannot do so in the same semester. Priority given to Behavioral Biology majors. Note: For credit towards a Psychology major, students should register for AS.200.204 Human Sexuality, rather than this course.

Corequisite(s): Students may enroll in both AS.200.204 and AS.290.420, but cannot do so in the same semester.

Area: Social and Behavioral Sciences

AS.290.490. Senior Seminar: Behavioral Biology. 1 Credit.

Great ideas in Behavioral Biology. Discussion of classic and cutting edge articles in the original literature. Student presentations and reaction papers. Capstone course for senior Behavioral Biology majors.

Prerequisite(s): AS.290.101 AND AS.200.208 AND AS.200.208 AND AS.200.208, or Instructor permission.;(AS.290.101 AND AS.200.208 AND AS.200.141) or Instructor permission.

Area: Social and Behavioral Sciences

AS.290.500. Connections in Behavioral Biology. 0.5 Credits.

A small group of students will meet two times in the semester to share experiences and information on research, internship and volunteer activities in Behavioral Biology. This course is designed to 1) help Behavioral Biology majors obtain real world experiences that can lead to opportunities after graduation, 2) provide an informal setting to develop oral and written communication skills, and 3) build community among students in the major. Students will make oral presentations to the group about activities they wish to pursue or have already completed. Students will also write a short paper/news piece or prepare a webpage on an internship, research or volunteer experience.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.501. Behavioral Biology Research - Freshmen. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.502. Research-Freshmen. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.503. Behavioral Biology Research-Behavioral Biology Majors. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.504. Research-Sophomores. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.505. Behavioral Biology DUS Approved Research. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.506. Research-Juniors. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.507. Research-Seniors. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.508. Research-Seniors. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.510. Comparative Neural Systems and Behavior Research Discussions. 0.5 Credits.

This course is required concurrently with research in the Comparative Neural Systems Research and Behavior lab. During the scheduled meetings we will discuss scientific papers, policies and procedures, research ethics and other information related to activities in the lab. At the end of the semester, students will present their research in groups.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.519. Independent Study. 1 - 3 Credits.

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AS.290.590. Behavioral Biology Internship. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.594. Behavioral Biology Internship. 1 Credit.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.596. Behavioral Biology Internship. 1 - 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.

AS.290.597. Research - Summer. 3 Credits.

Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration > Online Forms.