

Program Drop Proposal

Evolutionary Studies, Undergraduate Certificate

The undergraduate certificate program in evolutionary studies is designed to provide a unifying perspective on the diverse subject areas of a liberal arts education. Evolutionary biology provides a link between the sciences, the social sciences, and the humanities. The core of the program is **BIOL 1999**, "Evolution for Everyone," a course on evolution for students who are not majors in biology. (Biology majors who participate in the EvoS program must take **BIOL 3302** instead.) In this course, students are introduced to the history of evolutionary thinking, the basic mechanisms of evolution, and the evolution of complex behaviors. In addition to this one required course, to obtain a certificate students must fulfill twenty credits from the list of courses designated below.

No more than eight hours can be taken at the freshman level, and at least eight hours must be taken at the junior-senior level (3000 level or above).

Courses taken for the certificate in the lower division can satisfy general education requirements (that is, breadth requirements). Courses in the upper division can satisfy requirements for the student's major.

Courses in the Physical and Life Sciences

Physics and Astronomy

ASTRON 1011	Planets and Life in the Universe	3
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Biology

BIOL 1202	Environmental Biology	3
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BIOL 1821	Introductory Biology: Organisms and the Environment (MOTR BIOL 150L)	5
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BIOL 1999	Evolution for Everyone (Required Core Course) ¹	3
BIOL 2102	Ecology	3
BIOL 2012	Genetics	3
BIOL 2402	Vertebrate Anatomy	3
BIOL 2501	Biology of Plants	5
BIOL 3102	Animal Behavior	3
BIOL 3302	Evolution	3
BIOL 4102	Behavioral Ecology	3
BIOL 4112	Evolution of Animal Sociality	3
BIOL 4182	Population Biology	3
BIOL 4422	Entomology	3
BIOL 4442	Developmental Biology	3
BIOL 4501	Flowering Plant Families: Phylogeny and Diversification	5

Courses in the Social Sciences

Anthropology

ANTHRO 1005	Introduction to Biological Anthropology	4
ANTHRO 2105	Human Variation	3

Psychology

PSYCH 1003	General Psychology (MOTR PSYC 100)	3
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PSYCH 2200	Drugs and Behavior	3
PSYCH 2205	Human Sexuality: Psychological Perspectives	3
PSYCH 2211	Introduction to Biological Psychology	3
PSYCH 3205	Evolutionary Psychology	3
PSYCH 3390	Directed Studies	1-6
PSYCH 3500	Health Psychology	3
PSYCH 4300	Introduction to Psychopharmacology: Drugs and Mental Illness	3
PSYCH 4311	Psychology of Nonverbal Behavior	3
PSYCH 4330	Hormones, The Brain and Behavior	3
PSYCH 4349	Human Learning and Memory	3
PSYCH 4356	Cognitive Processes	3
PSYCH 3400	Conceptual and Historical Foundations of Psychology	3
PSYCH 4374	Introduction to Clinical Neuropsychology	3

Courses in the Humanities

English

ENGL 4030	Contemporary Critical Theory	3
ENGL 4080	The Truth about Fiction: Biological Reality and Imaginary Lives	3

Philosophy

PHIL 2280	Minds, Brains, and Machines	3
PHIL 2281	Course PHIL 2281 Not Found	3

Honors College Courses

See Honors College Courses below

¹ Biology majors who participate in the EvoS program must take **BIOL 3302** instead.

Honors College Courses

The Honors College will offer seminars as part of the Evolutionary Studies certificate or minor, and they will be identified as such before the opening of registration periods. EvoS seminars in honors will be open to non-Honors College students with at least a 3.0 GPA (students must obtain permission numbers from the Honors College). Please note that all honors college course numbers (e.g.) relate to generic course titles (e.g. "Inquiries in the Humanities"), and so it is very important to register for the section number with the proper Evolutionary Studies seminar title. Where these honors college courses are cross-listed (e.g. with English xxxx or Philosophy yyyy), non-honors college students should take them under their departmental number.

Sign-offs from other departments affected by this proposal

None

Rationale lack of student interest & lack of CBHE approval