

# EVOLUTIONARY STUDIES, MINOR

The Evolutionary Studies (EvoS) program is an interdisciplinary minor. The minor combines courses in biology, anthropology, geology, psychology, philosophy, astronomy, history, and others. Students are required to complete at least 20 credits that will introduce them to the principles of evolution and its numerous applications for understanding all life. The purpose of this program is to provide students a foundation in one of the most important explanatory theories of modern thought.

This minor includes two team-taught Capstone courses that are integrated with the University's Alabama Lecture's on Life's Evolution (ALLELE) series. This integration enables students to interact with invited speakers from various disciplines inside and outside the classroom, exposure intended to provide students with a vantage on post-baccalaureate opportunities for people with training in Evolutionary Studies. Speakers for the ALLELE series change annually, and a list of current and past speakers can be found here.

EvoS is part of a worldwide consortium that includes more than 40 other institutions. This affiliation provides students access to additional resources outside UA, including the student-oriented, peer-reviewed *EvoS Journal*, archived lectures by evolution experts, a newsletter, blogs, and links to student EvoS groups active at other institutions.

For more information or to enroll, contact program director Dr. Rebecca Minzoni (Geology).

## Declaring a Minor in Evolutionary Studies

There are no prerequisites for admission to the EvoS minor. Students are expected to formally declare the EvoS minor with the assistance of the EvoS program director, Rebecca Minzoni (rminzoni@ua.edu).

| Code and Title   | Hours        |
|--|--------------|
| <b>Foundation Courses</b>  |              |
| AS 150 Evolution for Everyone  | 3            |
| BSC 220 Biol Evol  | 3            |
| GEO 102 The Earth Through Time   | 4            |
| GEO 399 Undergraduate Research   | 3            |
| Take one of the following: 3-4 hrs   | 3-4          |
| ANT 270 Biological Anthropology  |              |
| GEO 355 Invertebrate Paleontology  |              |
| <b>Elective Context Courses</b>  | <b>6</b>     |
| Select six or more course credits from at least two different departments. |              |
| <b>Total Hours</b>   | <b>22-23</b> |

## Elective Context Areas

### Anthropology Electives

| Code and Title                        | Hours  |
|---------------------------------------|--------|
| ANT 208 Anthropology of Sex           | 3      |
| ANT 270 Biological Anthropology       | 0 or 4 |
| ANT 275 Race, Ethnicity, & Human Var. | 3      |
| ANT 311 Pop., Health & Human Origins  | 3      |
| ANT 312 Non-Human Primates            | 3      |
| ANT 471 Fossil Humans and Evolution   | 3      |

|                           |   |
|---------------------------|---|
| ANT 473 Human Osteology   | 3 |
| ANT 475 The Plastic Human | 3 |

### Astronomy Electives

| Code and Title              | Hours |
|-----------------------------|-------|
| AY 155 Life in the Universe | 3     |

### Biological Sciences Electives

| Code and Title                    | Hours |
|-----------------------------------|-------|
| BSC 315 Genetics                  | 3     |
| BSC 373 Vertebrate Zoology        | 4     |
| BSC 400 Vertebrate Funct Morphol  | 4     |
| BSC 420 Principles Of Systematics | 4     |
| BSC 428 Biology Of Fishes         | 4     |
| BSC 434 Plant Systematics         | 4     |
| BSC 441 Developmental Biology     | 3     |
| BSC 442 Integrated Genomics       | 4     |
| BSC 448 Animal Behavior           | 3     |
| BSC 449 Endocrinology             | 3     |
| BSC 464 Biology Of Algae          | 4     |
| BSC 470 Prin Pop Genetics         | 3     |
| BSC 482 Conservation Biology      | 3     |
| BSC 483 Evolution                 | 3     |
| BSC 487 Biogeography              | 3     |

### Geological Sciences Electives

| Code and Title                     | Hours |
|------------------------------------|-------|
| GEO 367 Sedimentology/Stratigraphy | 4     |
| GEO 401 Paleoclimatology           | 3     |
| GEO 355 Invertebrate Paleontology  | 3     |
| GEO 364 Dinosaur Paleobiology      | 3     |
| GEO 468 Paleo Seminar              | 1     |

### History Electives

| Code and Title                  | Hours |
|---------------------------------|-------|
| HY 455 The Darwinian Revolution | 3     |

### Philosophy Electives

| Code and Title                       | Hours |
|--------------------------------------|-------|
| PHL 387 Philosophy and Evolution     | 3     |
| PHL 390 Special Topics in Philosophy | 1-3   |

### Psychology Electives

| Code and Title                  | Hours |
|---------------------------------|-------|
| PY 313 Sensation and Perception | 3     |
| PY 352 Developmental Psych      | 3     |
| PY 413 Physiological Psych      | 3     |

### Journalism and Creative Media Electives

| Code and Title        | Hours |
|-----------------------|-------|
| JCM 372 Media Effects | 3     |
| JCM 448 News Analysis | 3     |

### **Grade Point Average**

A 2.0 grade point average in the minor is required. Please see the Grades and Grade Points section of this catalog for an explanation on grade point average calculations.