Bachelor of Arts in Conservation Biology

Fall 2016/Spring 2017

To determine fulfillment of requirements for graduation, consult the department to certify major requirements and the registrar to certify the core requirements.

MAJOR REQUIREMENTS

I. Foundational Courses
- Bio 145 Foundations of Biology 4 ______/_____/_____
- Bio 116 Conservation Biology 3 ______/_____/_____
- Bio 263 Plant Systematics 4 ______/_____/_____

And one of the following two courses:
- Bio 262 Animal Systematics 4 ______/_____/_____
- Bio 222 Entomology

II. Breadth in the Discipline
- Bio 342 Biostatistics and Research Methods 4 ______/_____/_____
- Bio 392 General Ecology 4 ______/_____/_____

And one of the following two courses:
- BIO 290 Cell Biology 4 ______/_____/_____
- BIO 322 Genetics

Two courses from the following:
- BIO 212 Microbiology 4 ______/_____/_____
- BIO 222 Entomology 4 ______/_____/_____
- BIO 262 Animal Systematics 4 ______/_____/_____
- BIO 272 Animal Behavior 4 ______/_____/_____
- BIO 273 Toxicology 4 ______/_____/_____
- BIO 302 Plant Physiology 4 ______/_____/_____
- BIO 394 Aquatic Ecology 4 ______/_____/_____

Note: Courses applied as foundational courses may not also be applied as breadth in discipline courses.

III. Senior Capstone Experience
- BIO 395 Junior Research Seminar 1 ______/_____/_____
- BIO 462 Senior Seminar 2 ______/_____/_____

And one of the following two courses:
- BIO 452 Advanced Biology 2 min. ______/_____/_____
  or
- BIO 482 Independent Study

Note: A completed research project under the supervision of a biology department faculty member is required of the student majoring in biology. The project is culminated with a formal scientific research paper and formal oral presentation. See the biology chair for specific requirements of the research project.
IV. Specific I.R courses, related sciences (because of the interdisciplinary nature of the major)

And one of the following three pairings:

- CHEM 140 General Chemistry I 4 _____/_____/_____
- CHEM 160 General Chemistry II 4 _____/_____/_____

Or

- PHYS 154 Physics I (non-calculus based) 4 _____/_____/_____
- PHYS 164 Physics II (non-calculus based) 4 _____/_____/_____

Or

- PHYS 174 Physics I (calculus based) 4 _____/_____/_____
- PHYS 184 Physics II (calculus based) 4 _____/_____/_____

And students must choose one of the following two courses:

- POSC 116 American Government and Politics 3 _____/_____/_____
- POSC 236 Public Policy

And one of the following two courses:

- ECON 211 Macroeconomics 3 _____/_____/_____
- ECON 221 Microeconomics

And one of the following two courses:

- SOC 141 Macrosociology 3 _____/_____/_____
- SOC 211 Anthropology

And one of the following three courses:

- REL 200 Contemporary Ethical Issues
- PHIL 267 Ethics 3 _____/_____/_____
- PHIL 297 Environmental Ethics

And the following credit requirements for these courses:

- Foreign Language (especially Spanish) 6 min. _____/_____/_____
- MATH 107 College Algebra (minimum) 3 _____/_____/_____

To determine fulfillment of requirements for graduation, consult the department to certify major requirements and the registrar to certify the competency and integrative requirements.