

Ecology, Evolution and Behavioral Biology (13.5 units)

9.5 units in Biology

1 unit of Introductory Biology chosen from

_____ **BIOL 110**: Human Biology, **BIOL 111**: Zoology, **BIOL 121**: Botany, **BIOL 141**: Microbiology,
_____ **BIOL 151**: Marine Biology, **BIOL 161**: Aquatic Biology

4 core courses

_____ **BIOL 217**: Evolution
_____ **BIOL 247**: Biometrics
_____ **BIOL 289**: Genetics
_____ **BIOL 385**: Biology Capstone: Advanced Topics or **BIOL 387**: Biology Capstone: Senior Manuscript

3 units of Ecology, Evolution, and Behavioral Biology, at least 1 unit of BIOL at the 300 level, chosen from

_____ **BIOL 206**: Environmental Biology, **BIOL 210**: Paleobiology¹, **BIOL 274**: Topics in Ecology, Evolution, and Behavioral Biology, **BIOL 337**: Population Biology, **BIOL 343**: Animal Behavior, **BIOL 372**: Ecology, **BIOL 374**: Advanced Topics in Ecology, Evolution, and Behavioral Biology, **BIOL 385**: Biology Capstone: Advanced Topics², **ANTH 260**: Primate Social Behavior and Ecology, **ANTH 324**: Hominid Paleoecology

2 units of Molecular, Cellular, and Integrative Biology chosen from

_____ **BIOL 215**: Emerging Diseases, **BIOL 237**: Cell Biology, **BIOL 256**: Anatomy, **BIOL 260**: Nutrition and Metabolism: Biochemical Mechanisms³, **BIOL 273**: Topics in Molecular, Cellular, and Integrative Biology, **BIOL 300**: DNA and Protein Biochemistry⁴, **BIOL 340**: Neuroscience, **BIOL 345**: Molecular Biology, **BIOL 357**: Human Physiology, **BIOL 373**: Advanced Topics in Molecular, Cellular, and Integrative Biology, **BIOL 385**: Biology Capstone: Advanced Topics²

4 units of Natural Science and Mathematics

2 units of Chemistry⁶

_____ 1 unit chosen from **CHEM 117**: Chemistry, **CHEM 150**: Nanochemistry

_____ 1 unit chosen from **CHEM 220**: Environmental, Analytical and Geochemistry, **CHEM 230**: Organic Chemistry I, **CHEM 235**: Organic Chemistry II

1 unit of Mathematics chosen from

_____ **MATH 104**: Finite Mathematics, **MATH 110**: Calculus I, **MATH 113**: Calculus as Applied Mathematics

1 unit of Geology or Physics chosen from

_____ **GEOL 100**: Earth: Exploring a Dynamic Planet, **GEOL 105**: Evolution of the Earth, **GEOL 110**: Environmental Geology and Geologic Hazards, **PHYS 101**: General Physics I

¹ Must be taken as **BIOL 210**.

² With approval of advisor (topic must be appropriate). May not also fulfill capstone requirement.

³ Must be taken as **BIOL 260**.

⁴ Must be taken as **BIOL 300**.

⁵ A student with a strong high school background in chemistry should consult with a member of the Chemistry Department about beginning coursework in **CHEM 150, 220, or 230**.

Other: Students intending to apply to graduate school in biology should complete **MATH 110, 115; CHEM 220, 230, 235; PHYS 101, 102**. A course at a biological field station (e.g. Coe College Wilderness Field Station), international study, a research experience, or an internship is strongly recommended.

Other requirements:

Liberal arts in practice experience (research, internship, field course, or other activity plus reflection):

Expectations:

International experience:

Interdisciplinary, synthetic, connection experience (HEAL, ENVS, CRIS, IDST, etc.):