**The Evolution & Ecology Major Program**

**Required Supportive Courses (Bachelor of Science)**

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| * Biology 1113 & 1114 (8 hr) * Math 1151 or 1156 (5 hr) * Physics 1200 & 1201 or 1250 & 1251 (10 hr) * Chemistry 1210 & 1220 (10 hr) * Chemistry 2310 or 2510 (4 hr) * Statistics 2480 or 2450 (3 hr) |

**Courses in the Evolution & Ecology Major**

The Evolution and Ecology Major requires a minimum of 30 credit hours, comprised of core courses plus electives.

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| **Core Courses** **(required)**   * EEOB 3310.01 or .02 *Evolution* (4 hr) * EEOB 3410 *Ecology* (4 hr) * Biology 3401 *Integrated Biology*   (4 hr)   * Advanced course in math or statistics   **Biodiversity (choose 2)**   * EEOB 2210 *Ohio Plants*  (2 hr) * EEOB 2220 *Ohio Birds* (2 hr) * EEOB 3320 *Organismal Diversity* (3 hr) * EEOB 4210 *Vertebrates* (2 hr) * EEOB 4220 *Mammals* (3 hr) * EEOB 4230 *Invertebrates* (2 hr) * EEOB 4240 *Plants & People* (3 hr) | **Evolution and Ecology (choose 2)**   * EEOB 3420 *Behavioral Ecology*  (4 hr) * EEOB 4410 *Conservation Biology* (3 hr) * EEOB 4420H *Tropical Field Studies* (3 hr) * EEOB 4430 *Ecological Methods I* (2 hr) * EEOB 5310 *Advanced Evolution* (3 hr) * EEOB 5320 *Creation & Evolution*  (3 hr) * EEOB 5410 *Ocean Ecology*  (1.5 hr) * EEOB 5420 *Ecology of Inland Waters* (4 hr) * EEOB 5430 *Fish Ecology* (3 hr) * EEOB 5450 *Population Ecology* (3 hr) * EEOB 5460 *Physiological Ecology* (3 hr) * EEOB 5470 *Community & Ecosystem Ecology* (3 hr)   **Electives**  As many as needed to get 30 hours in  the major |

Electives can be any course in EEOB numbered at the 2000-level or higher. Electives can also come from departments outside EEOB if the course fulfills the goals of the Evolution & Ecology Major. Acceptable courses include Biochemistry 4511, Microbiology 4000, and Molecular Genetics 4500. Up to 3 hours of research or internship credit may be counted toward the major. Other courses must be approved by the Evolution & Ecology advisor, Sue Ellen Dehority ([dehority.2@osu.edu](mailto:dehority.2@osu.edu)).