BIOLOGY: ECOLOGY, ETHOLOGY, & EVOLUTION, MS

for the Master of Science in Biology, Ecology, Ethology, and Evolution Concentration

Students pursuing this major select the Ecology, Ethology, and Evolution concentration (http://catalog.illinois.edu/graduate/las/biology-phd/ecology-ethology-evolution/).

Graduate Degree Programs in Evolution, Ecology, and Behavior

Biology, MS (http://catalog.illinois.edu/graduate/las/biology-ms/)

required concentration:

Biology: Ecology, Ethology, & Evolution, MS (p. 1)

Biology, PhD (http://catalog.illinois.edu/graduate/las/biology-phd/)

required concentration:

Biology: Ecology, Ethology, & Evolution, PhD (http://catalog.illinois.edu/graduate/las/biology-phd/ecology-ethology-evolution/)

The Department of Evolution, Ecology, and Behavior administers graduate degree programs as concentrations in biology. Areas of training include the broadly defined disciplines of Animal Behavior, Biomechanics, Comparative Anatomy, Conservation Biology, Ecology, Evolution, Genetics/Genomics and Physiology.

Admission
Acceptance for graduate study in the Department of Evolution, Ecology, and Behavior is based on the applicant's research potential and academic achievement. An undergraduate degree in the life sciences is the usual preparation, but students majoring in mathematics, computer science, or the physical and social sciences are also considered. Students should have taken courses in at least two of the following six areas: evolution, ecology, genetics, behavior, conservation, physiology/morphology. Students lacking one or more of these courses may be admitted with the provision that such deficiencies be completed in addition to the normal graduate course load. A grade point average of at least 3.0 (A = 4.0) for the last two years of undergraduate work in a four-year undergraduate degree program or the last three years of a five-year undergraduate program and for any graduate study is required or the candidate will have to petition for an exception. Considerable emphasis is placed on a student's interest and ability in research as demonstrated by previous work and letters of recommendation. Applications are typically only considered for fall admission unless special arrangements are made with the Department. The deadline for application materials is December 15. A minimum paper-based Test of English as a Foreign Language (TOEFL) score of 613 (257 on the computer-based version, 103-104 on the internet-based version) is preferred for international applicants.

Financial Aid
Financial aid is available in the form of fellowships and teaching and research assistantships for qualified students.

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For additional details and requirements refer to the department and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook/).

Thesis Option

Code	Title	Hours
BIOL 599	Thesis Research (0 min applied toward degree)	0
Total Hours		**32**

Other Requirements

Requirement	Description
A concentration is required	
Masters Thesis Deposit Required	Yes
Minimum 500-level Hours Required Overall:	12
Minimum GPA:	3.0

Non-Thesis Option

Code	Title	Hours
Total Hours		**32**

Other Requirements

Requirement	Description
A concentration is required	
Minimum 500-level Hours Required Overall:	12
Minimum GPA:	3.0

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Since the subject matter of our Program is interdisciplinary and broad, there is no one set of subject-based learning outcomes that is suitable for the evaluation of our graduate students. Instead, we will focus on appropriate research and professional development skills.

1. Design and implement independent research and integrate and apply core knowledge related to their field in 3 core areas out of 6 (behavior, conservation biology, ecology, evolution, genetics/genomics, physiology/ anatomy)
2. Demonstrate effective oral and written communication skills
   a. Presentations
   b. Publications
   c. Grant writing
3. Apply rigorous statistics/analytical methods that typify their area of study
4. Professional skills
   a. Data management
   b. Citation management
   c. Mentoring
   d. Ethics
   e. Professionalism
   f. Networking
5. Teaching experience

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Evolution, Ecology, and Behavior News
Head of Department: Andrew Suarez
Director of Graduate Studies: Becky Fuller
Director of Admissions Committee: Becky Fuller
Evolution, Ecology, and Behavior News website (http://sib.illinois.edu/eeb/)
Evolution, Ecology, and Behavior News faculty (https://sib.illinois.edu/eeb/faculty/)

Overview of Grad College Admissions & Requirements (https://grad.illinois.edu/admissions/apply/)
College of Liberal Arts and Sciences website (https://las.illinois.edu/)

515 Morrill Hall, 505 South Goodwin Avenue Urbana, IL 61801
(217) 333-7801
Evolution, Ecology, and Behavior News email (eeb@life.illinois.edu)