MINOR IN ECOLOGY AND EVOLUTIONARY BIOLOGY

Program Learning Outcomes for the Minor in Ecology and Evolutionary Biology

Upon completing the minor in Ecology and Evolutionary Biology, students will be able to:

1. Demonstrate knowledge of biology with particular emphasis on ecology and evolutionary biology.
2. Demonstrate effective oral and written communication skills, including the ability to interpret and communicate the results of biological research.
3. Demonstrate the critical thinking and analysis skills necessary to evaluate published and proposed research in the biological sciences.

Requirements for the Minor in Ecology and Evolutionary Biology

Students pursuing the minor in Ecology and Evolutionary Biology must complete:

- A minimum of 7 courses (20 credit hours) to satisfy minor requirements.
- A minimum of 4 courses (12 credit hours) taken at the 300-level or above.

The minor in Ecology and Evolutionary Biology is intended for the numerous Rice students with an avid interest in ecology and evolutionary biology but whose major interests are in other departments.

The courses listed below satisfy the requirements for this minor. In certain instances, courses not on this official list may be substituted upon approval of the minor's academic advisor, or where applicable, the Program Director. (Course substitutions must be formally applied and entered into Degree Works by the minor's Official Certifier (https://registrar.rice.edu/facstaff/degreeworks/officialcertifier/)). Students and their academic advisors should identify and clearly document the courses to be taken.

Summary

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>Total Credit Hours Required for the Minor in Ecology and Evolutionary Biology</td>
<td>20</td>
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Minor Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Core Requirements</strong></td>
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</tr>
<tr>
<td>BIOC 201</td>
<td>INTRODUCTORY BIOLOGY</td>
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<tr>
<td>EBIO 202</td>
<td>INTRODUCTORY BIOLOGY II</td>
<td>3</td>
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<tr>
<td>EBIO 213</td>
<td>INTRO EXPERIMENTAL ECOLOGY AND EVOLUTIONARY BIOLOGY</td>
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<td></td>
<td><strong>Elective Requirements</strong></td>
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<td>Select 4 courses from the following:</td>
<td>12</td>
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<tr>
<td>EBIO 321</td>
<td>ANIMAL BEHAVIOR</td>
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EBIO 323 / CONSERVATION BIOLOGY
EBIO 325 / ECOLOGY
EBIO 326 / INSECT BIOLOGY
EBIO 328 / EVOLUTION OF GENES & GENOMES
EBIO 329 / ANIMAL BIOLOGY AND PHYSIOLOGY
BIOC 329
EBIO 331 / BIOLOGY OF INFECTIOUS DISEASES
BIOC 331
EBIO 333 / EVOLUTION BIOINFORMATICS
COMP 370
EBIO 334 / EVOLUTION
BIOC 334
EBIO 336 / PLANT DIVERSITY
EBIO 340 / ENST 340 / ESCI 340 / GLOBAL BIOGEOCHEMICAL CYCLES
EBIO 365 / INTRODUCTORY PHYCOLOGY
EBIO 366 / APPLIED PHYCOLOGY
EBIO 372 / CORAL REEF ECOSYSTEMS
EBIO 391 / TRANSFER CREDIT IN ECOLOGY AND EVOLUTIONARY BIOLOGY
EBIO 433 / ADVANCED ECOLOGY

Total Credit Hours 20

Policies for the Minor in Ecology and Evolutionary Biology

Advising

Rice University policies are governed primarily by the General Announcements; students are encouraged to look there first for academic policies. Advising information specific to the Department of BioSciences can be found at the department website by clicking on the tab for Undergraduate Studies: https://biosciences.rice.edu/.

Program Restrictions and Exclusions

Students pursuing the minor in Ecology and Evolutionary Biology should be aware of the following program restrictions:

- As noted in Majors, Minors, and Certificates (https://ga.rice.edu/undergraduate-students/academic-opportunities/majors-minors-certificates/), i.) students may declare their intent to pursue a minor only after they have first declared a major, and ii.) students may not major and minor in the same subject.
- Students pursuing the major in Biological Sciences may not declare the minor in Ecology and Evolutionary Biology.

Transfer Credit

For Rice University’s policy regarding transfer credit, see Transfer Credit (https://ga.rice.edu/undergraduate-students/academic-policies-procedures/transfer-credit/). Some departments and programs have additional restrictions on transfer credit. The Office of Academic Advising maintains the university’s official list of transfer credit advisors on their website: https://oaa.rice.edu. Students are encouraged to meet with their academic program’s transfer credit advisor when considering transfer credit possibilities.
Departmental Transfer Credit Guidelines
Students pursuing the minor in Ecology and Evolutionary Biology should be aware of the following departmental transfer credit guidelines:

- Request for transfer credit will be considered by the program director (and/or the program's official transfer credit advisor) on an individual case-by-case basis.

Additional Information
For additional information, please see the BioSciences website: https://biosciences.rice.edu/.

Opportunities for the Minor in Ecology and Evolutionary Biology

Academic Honors
The university recognizes academic excellence achieved over an undergraduate's academic history at Rice. For information on university honors, please see Latin Honors (https://ga.rice.edu/undergraduate-students/honors-distinctions/university/) (summa cum laude, magna cum laude, and cum laude) and Distinction in Research and Creative Work (https://ga.rice.edu/undergraduate-students/honors-distinctions/university/). Some departments have department-specific Honors awards or designations.

Research in the BioSciences
Research is highly encouraged for all biosciences majors, and there are many opportunities for independent research at Rice. Information about research for credit and research internships specific to the Department of BioSciences can be found at the department website, by clicking on the link for Undergraduate Studies, at: https://biosciences.rice.edu/.

Additional Information
For additional information, please see the BioSciences website: https://biosciences.rice.edu/.