

IMPORTANT NOTE: The minor in biological sciences is being discontinued effective fall 2021. Students who matriculated to Cornell prior to August 2021 may still complete the minor. Students with an interest in integrating the study of biological sciences into their undergraduate studies and who matriculate August 2021 or after are encouraged to meet with an OUB advisor to discuss curricular and co-curricular options to meet their interests and goals. There are many options for students to gain breadth and/or depth in all aspects of biology and the advisors in the OUB are eager to work individually with students to create a meaningful experience.

See below for minor requirements and application to certify

Biological Sciences Minor Requirements

Eligibility

The minor in biological sciences has been designed to provide students with significant flexibility to choose courses of interest within biology. With a few exceptions, students enrolled in any major at Cornell may complete the minor. The following majors are **ineligible** to minor in biological sciences: Biology & Society; Entomology; Human Biology, Health & Society; Nutritional Sciences; Plant Sciences.

Students interested in the minor are encouraged to meet with an advisor in the Office of Undergraduate Biology. Please see the OUB website for walk-in advising office hours or call the OUB at (607) 255-5233 to arrange an appointment.

To complete the minor, students must submit the Application to Certify Completion of Biological Sciences Minor (see below) once they completed all courses for the minor or during their last semester of enrollment. The OUB will notify the student's college Registrar that the minor has been certified and a notation will be made on the student's transcript.

Requirements

- All courses for the minor must be taken for a letter grade unless a course is offered S/U only. Grades of D- or better count toward the minor.
- Only 2 courses may be used to fulfill both the biology minor requirements and major requirements.
- Advanced Placement credits earned in biology may **not** be used toward the 21 credits required for the minor.
- Once a student is matriculated, all courses for the minor must be taken at Cornell or through a study abroad program approved by Cornell. External transfer students and students who study abroad may apply up to 4 credits from another institution to count toward minor requirements. Students should consult with the OUB.

21 credits of approved biology coursework chosen from the following:

- BIOMG 1350 - Introductory Biology: Cell and Developmental Biology
- BIOG 1440 - Introductory Biology: Comparative Physiology OR
- BIOG 1445 - Introduction to Comparative Anatomy and Physiology, Individualized Instruction
- BIOG 1500 - Investigative Biology Laboratory
- BIOSM 1500 - Investigative Marine Biology Laboratory
- BIOEE 1540 - Introductory Oceanography
- BIOEE 1610 - Introductory Biology: Ecology and the Environment
- BIOSM 1610 - Ecology and the Marine Environment
- BIOEE 1780 - An Introduction to Evolutionary Biology and Diversity
- BIOSM 1780 - Evolution and Marine Diversity
- BIOEE 1781 - Introduction to Evolution and Diversity
- Courses with significant biology content that count toward any of the 14 biological sciences concentrations at a level of 2000 or higher (i.e. BTRY, Chem, Math, CS courses do not count).
- Courses with a BIOXX prefix at a level of 2000 or higher.
- Other courses with significant biological content at a level of 2000 or higher may be approved via the biological sciences petition.
- One course worth **2 or more credits must be a course with a laboratory component, a laboratory course or a field course.** BIOG 2990 may not be used. Up to 3 credits of BIOG 4990 may be used to fulfill this requirement.

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Courses that won't count toward minor:

- BIOMS 4400 - Tools for a Lifelong Career in Research
- BIOG 2000 - Special Studies in Biology
- BIOG 2200 - Biology Scholars Program Sophomore Seminar
- BIOG 2990 - Introduction to Research Methods in Biology
- BIOG 3500 - Introduction to Applied Science Communication: Digital Platforms and Public Engagement
- BIOG 4970 - Independent Study in Biology
- BIOG 4980 - Teaching Experience



Application to Certify Completion of Biological Sciences Minor

(To be submitted after all applicable coursework has been completed or during last semester of enrollment)

I. Applicant's Information – Please supply the following:

Name: _____ Cornell ID#: _____
 Net ID: _____ Phone Number: _____
 Major: _____ Faculty Advisor: _____
 Projected Graduation Date (month/year): _____ College: _____

II. Courses Applying to Minor – Please list each course you have taken which will apply to the minor program as described on the reverse of this form. Include the semester/year in which you completed each course, as well as the grade and number of credits you received.

NOTE: The minor is contingent upon successful completion of Bachelor of Science/Arts degree requirements.

Dept./Course Number	Semester/Year Completed	Credits	Grade
1 _____			
2 _____			
3 _____			
4 _____			
5 _____			
6 _____			

III. Transcript – Please attach a copy of your official transcript and highlight or underline each of the courses listed above.

IV. Please sign below and submit this completed form & transcript to the Office of Undergraduate Biology: By signing, you certify that the information supplied on this form and transcript is accurate and that you have completed the necessary coursework and complied with the terms of the biological sciences minor.

Student's signature: _____ Date: _____

For use by the OUB:

Administrative Contact certifying minor: _____ Date: _____