

ECOLOGY & CONSERVATION BIOLOGY MINOR, UG

for the Undergraduate Minor in Ecology & Conservation Biology

A minor in Ecology and Conservation Biology points students toward getting strength in this sub-discipline of biology. Preparation for many careers is advanced by coursework in ecology and conservation, e.g. environmental lawyer, environmental consultant, conservation technician, and environmental educator.

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Code	Title	Hours
IB 150	Organismal & Evolutionary Biol	4
IB 203	Ecology	4
IB 204	Genetics	3-4
or IB 201	Organismal Genetics	
Select two of the following:		6-8
NRES/IB 348	Fish and Wildlife Ecology	
IB 362	Marine Biology	
IB 431	Behavioral Ecology	
CPSC 431/IB 440	Plants and Global Change	
IB 444	Insect Ecology	
IB 451	Conservation Biology	
IB 452	Ecosystem Ecology	
IB 453	Community Ecology	
IB 455	Ecotoxicology and Human Health	
Please note: all prerequisite courses must be taken if specified, and students must complete 6 advanced hours of coursework that are distinct from advanced hours required for their major.		
Total Hours		17

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1. Synthesize and apply core knowledge in Integrative Biology, including anatomy, development, ecology, evolution, genetics, molecular biology, physiology, and/or systematics.
2. Apply predictive models to biological phenomena and engage with the process of scientific inquiry.
3. Critically evaluate and communicate complex, dynamic scientific information.
4. Employ curiosity, inquiry, quantitative reasoning, and critical thinking in problem solving.
5. Create solutions for global and local biological challenges using interdisciplinary strategies.
6. Develop professional skills including ethics, proficiency in oral and written scientific communication, data analysis and interpretation, collaboration, and the ability to critically evaluate science-related news and information.

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School of Integrative Biology (<http://sib.illinois.edu/>)

School of Integrative Biology Faculty (<https://sib.illinois.edu/directory/faculty/>)

SIB advising (<https://sib.illinois.edu/academics/undergraduate-programs/advising-resources/>)

sib@illinois.edu

College of Liberal Arts & Sciences (<https://las.illinois.edu/>)

Overview of College Admissions & Requirements: Liberal Arts & Sciences (<http://catalog.illinois.edu/schools/las/academic-units/>)