

Houghton University

Environmental Science BS

(31–35 hours in core; 8 prerequisite hours; 12 corequisite hours)

Total Major LA Credits: 0

Environmental Science Major Requirements

Prerequisite Courses* (8 hours)

	Credits	Liberal Arts
BIOL 151 General Biology: Organisms to Ecosystems	4	LA
BIOL 152 General Biology: Cellular Biology and Genetics	4	LA

Corequisite Courses (12 hours)

CHEM 151 General Chemistry I	4	LA
CHEM 152 General Chemistry II	4	LA
CHEM 241 Organic Chemistry I	4	LA

Core Courses* (19 hours)

BIOL 250 Environmental Science	4	LA
BIOL 251 Genetics	4	LA
BIOL 255 Conservation Biology	4	LA
BIOL 322 General Ecology	4	LA
BIOL 39		
BIOL 482 Senior Capstone: Senior Seminar	2	LA
STEM 371 Career Seminar	1	

Environmental Science Electives* (12 hours)

Degree Requirements

Earned a C- or above in each Major/Concentration/Minor credit	<input type="checkbox"/>
Minimum of 124 credit hours completed	<input type="checkbox"/>
Minimum of 62 Liberal Arts credits	<input type="checkbox"/>
At least 50% of major completed through Houghton	<input type="checkbox"/>
30 credit hours from Houghton	<input type="checkbox"/>
18 of the last 24 credit hours are from Houghton	<input type="checkbox"/>

Official degree and program requirements are housed in the Registrar's Office. This degree audit worksheet serves as an advising tool; it is not a contract, an academic transcript, or an official notification of completion of degree/program requirements. It is the student's responsibility to be aware of and understand the requirements of his/her degree program. If assistance is needed, students should consult their academic advisor and the University's academic catalog.

*Detailed Options

Prerequisite Requirement

Unless a grade of C- is earned in the lecture component of both BIOL 151 and BIOL 152, students must enroll concurrently in BIOL 151 or BIOL 152 if also enrolling in 200-level or higher biology courses.

Core Course Options

BIOL 390	Environmental Science Internship	2	
BIOL 393	Summer Collaborative Research in Biology	0-4	LA
BIOL 394	Research in Biology	4	LA

Environmental Science Elective Course Options

BIOL 242	Microbiology	4	LA
BIOL 301	Field Botany	4	LA
BIOL 303	Biodiversity	4	LA
BIOL 304	Herpetology	4	LA
BIOL 305	Ecophysiology of Plants	4	LA
BIOL 313	Ornithology	4	LA
BIOL 336	Animal Behavior	4	LA
BIOL 343	Microbial Ecology	4	LA
CHEM 276	Environmental Analysis	4	LA
SOC 315	Human Ecology*	4	LA
SRWM 401	Natural Resource Management*	3	

**only SOC 315 or SRWM 401 may count towards elective credit*

Recommendations

It is recommended that students take *the following*:

PHIL 311	Environmental Ethics	3	LA
PSY 309	Statistics	4	LA

Additional Electives (needed for some graduate programs - consult advisor)

PHYS 151 General Physics I

MATH 181 Calculus I *or* MATH 170/171 Calculus I with Precalculus A and B