

Houghton University

Biology BA

(23–27 hours in core; 8 corequisite hours; 8 prerequisite hours)

Total Major LA Credits: 0

Biology Major Requirements

Credits

Liberal Arts

Prerequisite Courses* (8 hours)

BIOL 151 General Biology: Organisms to Ecosystems

4

LA

BIOL 152 General Biology: Cellular Biology and Genetics

4

LA

Corequisite Courses (8 hours)

CHEM 151 General Chemistry I

4

LA

CHEM 152 General Chemistry II

4

LA

Required Courses (7 hours)

BIOL 251 Genetics

4

LA

BIOL 482 Senior Capstone: Senior Seminar

2

LA

STEM 371 Career Seminar

1

Organismal Biology Course* (4 hours)

Biology Electives above BIOL 152* (12 hours)

Experiential Biology Course* (0-4)

Degree Requirements

Earned a C- or above in each Major/Concentration/Minor credit	<input type="checkbox"/>
Minimum of 124 credit hours completed	
Minimum of 93 Liberal Arts credits	
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.

Recommendations

It is strongly recommended that students take *PSY/BADM 309 Statistics*. Students should consult graduate programs of interest for additional requirements above the minimum coursework required for the major.

Organismal Biology Course Options

BIOL 301	Field Botany	4	LA
BIOL 304	Herpetology	4	LA
BIOL 313	Ornithology	4	LA
BIOL 315	Marine Biology	4	LA
BIOL 322	General Ecology	4	LA
BIOL 336	Animal Behavior	4	LA
BIOL 343	Microbial Ecology	4	LA

Biology Electives Options

12 hours - any 4-credit BIOL lab course above 152 may count in this category

Experiential Biology Course Options

BIOL 201	EMT Basic Course	0-2	
BIOL 202	Pre-Health Practicum	0-2	
BIOL 203	Pre-Vet Practicum	0-2	
BIOL 204	Practicum in Biology	0-2	
BIOL 390	Environmental Science Internship	0-4	LA
BIOL 393	Summer Research Experience	1	LA
BIOL 394	Research in Biology	4	LA
EXS 352	Pre-PT Field Experience I	2	
EXS 353	Pre-PT Field Experience II	2	
Off-campus Field Course (e.g., Au Sable)			

Coursework

PSY/BADM 309 Statistics (4) is recommended. The above coursework is the minimum required for the major. Students should consult graduate programs of interest for additional requirements.