

Houghton University

Biology BS

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

Total Major LA Credits: 0

Biology Major Requirements

Credits

Liberal Arts

Prerequisite Courses* (8 hours)

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BIOL 151 General Biology: Organisms to Ecosystems

4

LA

BIOL 152 General Biology: Cellular Biology and Genetics

4

LA

Corequisite Courses (12 hours)

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CHEM 151 General Chemistry I

4

LA

CHEM 152 General Chemistry II

4

LA

CHEM 241 Organic Chemistry I

4

LA

Core Courses (11 hours)

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BIOL 251 Genetics

4

LA

BIOL 322 General Ecology

4

LA

BIOL 482 Senior Capstone: Senior Seminar

2

LA

STEM 371 Career Seminar

1

Organismal Biology Course* (4 hours)

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4

LA

Biology Electives above BIOL 218 (16 hours)

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Degree Requirements

Earned a C- or above in each Major/Concentration/Minor credit	<input type="checkbox"/>
Minimum of 124 credit hours completed	
Minimum of 62 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 *CHEM 332/334 Biochemistry I* and *PSY/BADM 309 Statistics*.

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

Additional Elective Options

Additional electives needed for some graduate programs – consult advisor

MATH 170/171	Calculus I with Pre-calculus A and B	4, 4	LA, LA
MATH 181	Calculus I	4	LA
PHYS 151	General Physics I	4	LA