

Houghton University

Neuroscience BS

(29 hours in major; 8 prerequisite hours; 20 corequisite hours)

Total Major LA Credits: 0

Neuroscience Major Requirements

Credits

Liberal Arts

Prerequisite Courses (8 hours)

BIOL 151 General Biology: Organisms to Ecosystems
BIOL 152 General Biology: Cellular Biology and Genetics

4	LA
4	LA

Corequisite Courses (20 hours)

CHEM 151 General Chemistry I
CHEM 152 General Chemistry II
CHEM 241 Organic Chemistry I
PSY/BADM 309 Statistics
PSY 354 Brain and Behavior

4	LA

Core Courses (15 hours)

BIOL 251 Genetics
BIOL 355 Introduction to Neurobiology
BIOL 394 Research in Biology
BIOL 482 Senior Capstone: Senior Seminar
STEM 371 Career Seminar

4	LA
4	LA
4	LA
2	LA
1	

Psychology Electives* (6 hours)

_____	_____	_____
_____	_____	_____
_____	_____	_____

Biology Electives* (8 hours)

_____	_____	_____
_____	_____	_____

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

Psychology Elective Options

Any PSY courses above 200 not already in major (choose two to total 6 credits)

Biology Elective Options

Any BIOL courses above 210 not already in major (choose two to total 8 credits)

Recommended Courses

Needed for some graduate programs – consult advisor

CHEM 242	Organic Chemistry II	4	LA
CHEM 287	Medicinal Chemistry	2	LA
CHEM 332	Biochemistry I	3	LA
CSCI 211	Programming I	4	
MATH 181	or MATH 170/171 Calculus I with Precalculus A and B	4-8	LA
PHYS 151	General Physics I	4	LA
PHYS 152	General Physics II	4	LA