

Student:		<b>Minimum 124 semester hours required for graduation</b> <b>18 of the last 24 hours must be at Houghton</b> <b>Must have 30 hours at Houghton</b> <b>One half of major must be at Houghton</b> <i>Must have C- or above in each course to meet Major, Concentration, or Minor credit</i> <i>Must have 62 liberal arts credits for a BS degree</i>	
Major: <b>Neuroscience</b>			
Minor:			
<b>BS</b>	Advisor:		
<b>Neuroscience (71-75 hrs)</b>			
<b>General Education (see GenEd Audit Sheet)</b>			
<b>Prerequisites</b>		<b>11 hrs</b>	
(4) BIOL 151 Gen. Bio.: Organisms to Ecosystems LA		(4) BIOL 152 Gen. Bio.: Cellular Biology & Genetics LA	
(3) PSY 111 Introduction to Psychology LA			
<b>Corequisites</b>		<b>31-35 hrs</b>	
(4) CHEM 151 General Chemistry I LA		(4) PHYS 151 General Physics I LA	
(4) CHEM 152 General Chemistry II LA		(4) PSY 309 Statistics LA	
(4) CHEM 241 Organic Chemistry I LA		(3) PSY 342 Social Neuroscience LA	
(4) MATH 181 Calculus I <b>or</b> (4,4) MATH 170/171 Calculus I with Precalculus A and B LA		(4) PSY 354 Brain and Behavior LA	
<b>Half of credits listed below must be taken at Houghton</b>			
<b>Core Requirements</b>		<b>15 hrs</b>	
(4) BIOL 251 Genetics LA		(2) BIOL 482 Senior Capstone: Senior Seminar LA	
(4) BIOL 355 Introduction to Neurobiology LA		(1) STEM 371 Career Seminar	
(4) BIOL 394 Research in Biology LA			
<b>Psychology Electives (choose 6 hours from the list below in consultation with your advisor)</b>		<b>6 hrs</b>	
(3) PSY 213 Developmental Psychology LA		(3) PSY 335 Drugs and Behavior LA	
(3) PSY 305 Abnormal Psychology LA		(3) PSY 337 Social Cognition LA	
(4) PSY 310 Experimental Methods LA		(3) PSY 340 Cognitive Development LA	
(4) PSY 312 Advanced Statistics LA		(0-4) PSY 393 Collaborative Research in Psychology LA	
(3) PSY 325 Human Sexuality LA			
<b>Biology Electives (choose 8 hours from the list below in consultation with your advisor)</b>		<b>8 hrs</b>	
(4) BIOL 217 Human Anatomy & Physiology I LA		(4) BIOL 365 Immunology LA	
(4) BIOL 218 Human Anatomy & Physiology II LA		(4) BIOL 370 Molecular and Cell Biology LA	
(4) BIOL 242 Microbiology LA		(4) BIOL 372 Advanced Vertebrate Physiology LA	
(4) BIOL 336 Animal Behavior LA		(4) BIOL 380 Pathogenic Microbes LA	
(4) BIOL 342 Biotechnology LA			
<b>Recommended Courses (needed for some graduate programs – consult advisor )</b>			
(4) CHEM 242 Organic Chemistry II LA		(4) CSCI 211 Programming I	
(3) CHEM 332 Biochemistry I LA		(4) PHYS 152 General Physics II LA	