

Student:		<p><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 93 liberal arts credits for BA degree</i></p>	
Major: <b>Physics</b>			
Minor:			
<b>BA</b>	Advisor:		
<b>Physics Major (45-49 hrs)</b>			
<b>General Education</b> (see GenEd Audit Sheet)			
<b>Prerequisites</b>		<b>12 -16 hrs</b>	
(4/4,4) MATH 181 Calculus I <b>OR</b> MATH 170/171 Calculus I with Pre-calculus A & B <b>OR</b> MATH 160 Mathematics for the Life Sciences and MATH 161 Calculus for the Life Sciences <span style="float: right;">LA</span>			
(4) MATH 182 Calculus II <span style="float: right;">LA</span>	(4) PHYS 151 General Physics I <span style="float: right;">LA</span>		
<b>Co-Requisites</b>		<b>8 hrs</b>	
(4) MATH 241 Differential Equations <span style="float: right;">LA</span>	(4) MATH 225 Multivariate Calculus <span style="float: right;">LA</span>		
<b>Half the credits listed below must be taken at Houghton</b>			
<b>Core Requirements</b>		<b>25 hrs</b>	
(4) PHYS 152 General Physics II <span style="float: right;">LA</span>	(4) PHYS 251 Mechanics I <span style="float: right;">LA</span>		
(2) PHYS 212 Modern Physics <span style="float: right;">LA</span>	(1,1) PHYS 275, 276 Experimental Physics Lab <span style="float: right;">LA</span>		
(4) PHYS 355 Thermal Physics <span style="float: right;">LA</span>	(4) PHYS 353 Electricity and Magnetism I <span style="float: right;">LA</span>		
(1) PHYS 482 Physics Seminar <span style="float: right;">LA</span>			
<b>Physics Electives - 4 hours at or above 200 level</b>			
( ) <span style="float: right;">LA</span>	( ) <span style="float: right;">LA</span>		
<b>Additional recommended supporting courses:</b>			
(4,4) CHEM 151/152 General Chemistry I and II <span style="float: right;">LA</span>	(4) CSCI 211 Programming I		
(4) PHIL 360 History & Philosophy of Science <span style="float: right;">LA</span>	(1) STEM 317 Career Seminar		