

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 BS degree</i>
Major: <b>Inclusive Childhood Education</b>		
Concentration: <b>Math &amp; Science</b>		
<b>BS</b>	Advisor:	
<b><i>Inclusive Childhood Education Major (52 hrs)</i></b>		
<b><i>General Education (see GenEd Audit Sheet)</i></b>		<b><u>Math &amp; Science Concentration (30-32 hours)</u></b>
<b><i>Half of credits listed below must be taken at Houghton</i></b>		<b><u>Mathematics Courses</u> min 14 hrs</b>
<b><i>Core 52 hrs</i></b>		(4) EDUC 114 Mathematical Concepts and Reasoning LA
(4) EDUC 114 Mathematical Concepts and Reasoning LA		(4) MATH 181 Calculus I <u>or</u> (4,4) MATH 170/171 Calculus I with Pre-calculus A & B <u>or</u> (4) MATH 161 Calculus for the Life Sciences
(0) EDUC 202 Topics in Professionalism		
(3) EDUC 217 Education & American Culture LA		LA
(3) EDUC 219 Educational Psychology LA		(2) MATH 210 Introduction to Proofs LA
(3) EDUC 221 Children’s Literature LA		(0-4) Math Elective LA
(3) EDUC 235 Educating Exceptional Learners LA		<b><u>Science Courses</u> min 14 hrs</b>
(2) EDUC 240 Teaching in Urban America		<i>Choose from at least two areas: BIOL/CHEM/ESCI/PHYS</i>
(1) EDUC 314 Inclusive Childhood Practicum I		(4) BIOL 105: Conservation Biology LA
(1) EDUC 315 Inclusive Childhood Practicum II		(2) STEM 141 Human Endeavor LA
(4) EDUC 320 Curriculum/Assessment Inclusive Classrooms		(2) STEM 142 Science and Society LA
(2) EDUC 325 Issues in Inclusive Education I		(4) BIOL 151 General Biology: Organisms to Ecosystems LA
(3) EDUC 328 Language and Literacy for Diverse Learners I		(4) BIOL 152 General Biology: Cellular Biology and Genetics LA
(3) EDUC 329 Language and Literacy for Diverse Learners II		(4) BIOL 217 Human Anatomy and Physiology I LA
(2) EDUC 341 Social Studies in Inclusive Classrooms		(4) BIOL 218 Human Anatomy and Physiology II LA
(4) EDUC 342 Math/Science in Inclusive Classrooms		(4) BIOL XXX any Biology elective numbered 105 or higher
(0) EDUC 400 Student Teaching/Certification Orientation		(2) STEM 141 Human Endeavor LA
(10) EDUC 408 Inclusive Childhood Student Teaching		(2) STEM 142 Science and Society LA
(2) EDUC 425 Issues in Inclusive Education II		(3-4) CHEM 187 Nutrition (with optional lab) LA
(2) EDUC 485 Senior Capstone: Sem. on Reflective Teaching		(4,4) CHEM 151/152 General Chemistry I,II LA
		(4) CHEM XXX any upper-level CHEM elective (if pre-requisites are met)
		(2) STEM 141 Human Endeavor LA
<i>Second major or concentration chosen from list in Education section of catalog.</i>		(2) STEM 142 Science and Society LA
		(4,4) PHYS 151/152 General Physics I,II LA
		(4) PHYS XXX any upper-level PHYS elective (if pre-requisites are met)