

Student:		Minimum 124 semester hours required for graduation 18 of the last 24 hours must be at Houghton Must have 30 hours at Houghton One half of major must be at Houghton <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: Inclusive Childhood Education		
Concentration: Math & Science		
BS	Advisor:	
<i>Inclusive Childhood Education Major (62 hrs)</i>		
<i>General Education (see GenEd Audit Sheet)</i>		<u>Math & Science Concentration (30-32 hours)</u>
<i>Co-requisites</i>	4 hrs	<u>Mathematics Courses</u> min 14 hrs
(4) HIST/POLS XXX	LA	(4) EDUC 114 Mathematical Concepts and Reasoning LA
<i>Must focus on an aspect of US History or Politics</i>		(4) MATH 181 Calculus I <u>or</u> (4,4) MATH 170/171 Calculus I with Pre-calculus A & B <u>or</u> (4,4) MATH 160/161 Calculus for Life Sciences A & B
<i>Half of credits listed below must be taken at Houghton</i>		LA
<i>Core</i>	58 hrs	(2) MATH 210 Introduction to Proofs
(4) EDUC 114 Mathematical Concepts and Reasoning	LA	LA
(0) EDUC 202 Topics in Professionalism		(0-4) Math Elective LA
(4) EDUC 217 Education & American Culture	LA	<u>Science Courses</u> min 14 hrs
(4) EDUC 219 Educational Psychology	LA	<i>Choose from at least two areas: BIOL/CHEM/ESCI/PHYS</i>
(4) EDUC 221 Children's Literature	LA	(4) BIOL 105: Conservation Biology LA
(4) EDUC 235 Educating Exceptional Learners	LA	(2) BIOL 141 Human Endeavor LA
(2) EDUC 240 Teaching in Urban America		(2) BIOL 142 Science and Society LA
(1) EDUC 314 Inclusive Childhood Practicum I		(4) BIOL 151 General Biology: Organisms to Ecosystems LA
(1) EDUC 315 Inclusive Childhood Practicum II		(4) BIOL 152 General Biology: Cellular Biology and Genetics LA
(4) EDUC 320 Curriculum/Assessment Inclusive Classrooms		(4) BIOL 217 Human Anatomy and Physiology I LA
(2) EDUC 325 Issues in Inclusive Education I		(4) BIOL 218 Human Anatomy and Physiology II LA
(4) EDUC 328 Language and Literacy for Diverse Learners I		(4) BIOL XXX any Biology elective numbered 105 or higher
(4) EDUC 329 Language and Literacy for Diverse Learners II		(2) CHEM 141 Human Endeavor LA
(2) EDUC 341 Social Studies in Inclusive Classrooms		(2) CHEM 142 Science and Society LA
(4) EDUC 342 Math/Science in Inclusive Classrooms		(3-4) CHEM 187 Nutrition (with optional lab) LA
(0) EDUC 400 Student Teaching/Certification Orientation		(4,4) CHEM 151/152 General Chemistry I,II LA
(10) EDUC 408 Inclusive Childhood Student Teaching		(4) CHEM XXX any upper-level CHEM elective (if pre-requisites are met)
(2) EDUC 425 Issues in Inclusive Education II		(2) PHYS 141 Human Endeavor LA
(2) EDUC 485 Senior Capstone: Sem. on Reflective Teaching		(2) PHYS 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)
<i>Second major or concentration chosen from list in Education section of catalog.</i>		