

Worksheet
Inclusive Childhood Education Major
Mathematics & Science Concentration

Minimum of 30 credits

***Mathematics:* at least 14 hours**

- EDUC 114: Mathematical Concepts & Reasoning 4
- Calculus elective (*IS - Creation*) 4
- MATH 210: Introduction to Proofs 2
- Mathematics elective 2-4
- Mathematics elective 2-4

***Science:* at least 14 hours. Choose courses from at least two of the following areas:**

Biology (Any Houghton lab course with a BIOL prefix also satisfies *IS-Creation* requirement.)

- BIOL 151: General Biology I 4
- BIOL 152: General Biology II 4
- BIOL 103: Fundamentals of Biology 4
- BIOL 105: Conservation Biology 4
- BIOL 217: Human Anatomy & Physiology 4

Chemistry

(Each of the Houghton Chemistry courses below, if taken with a lab, satisfies *IS-Creation* requirement.)

- CHEM 121: Impact of Science on Society 3
- CHEM 187: Nutrition (with optional Lab) 3-4
- CHEM 151/152: General Chemistry I, *II 4, *4 *(no *IS-Creation* for 152)

Earth Science/Physics

(Each of the Houghton ESCI/PHYS courses below, if taken with a lab, satisfies *IS-Creation* requirement.)

- ESCI 101: Physical Geology 4
- ESCI 212: Environmental Earth Science 4
- PHYS 102: General Astronomy 4
- PHYS 130: How Things Work 4
- PHYS 151/152: General Physics I, *II 4, *4 *(no *IS-Creation* for 152)

Total concentration credits: ____ (30 minimum)

Possible overlap hours 0-8; Unique hours 24-32

*Substitutions may be made under advisement and with the approval of the appropriate department chair(s).