

Childhood Education with Interdisciplinary
Mathematics Concentration
Revised December 2004

Science requirements:

Biology 101, 102 (Introduction to Biology)
Chemistry 103, 104 (Introduction to Chemistry)
EAS 106 (Introduction to Earth and Atmospheric Sciences)
Physics 203 (General Physics for non Engineering or Physics majors)

Mathematics requirements:

Option I:

Math 195 (Pre-calculus)
Math 201 (1st semester calculus)
Math 202 (2nd semester calculus)
Math 203 (3rd semester calculus)

Plus one of

Math 308 (Mathematical reasoning – required of all majors)
Math 4600C Introduction to Mathematical Thinking (available as a math course in
Master's in Secondary/Middle School Education program)

Plus one of

Math 173 (Elementary Probability and Statistics)
Math 345* (Number Theory)
Math 4700E (Foundations of Arithmetic in Master's in Secondary/Middle
School Education program)
Math 4800E (Foundations of Algebra and Geometry in Master's in
Secondary/Middle School Education program)

Option II:

Math 195 (Pre-calculus)
Math 205 (1st semester calculus for Biology and Architects)
Math 209 (Population modeling, probability and statistics)

Plus one of

Math 308 (Mathematical reasoning – required of all majors)
Math 4600C Introduction to Mathematical Thinking (available as a math course in
Master's in Secondary/Middle School Education program)

Plus two of

Math 173 (Elementary Probability and Statistics)
Math 345* (Number Theory)
Math 365* (Combinatorics – departmental permission required)
Math 4700E (Foundations of Arithmetic in Master's in Secondary/Middle
School Education program)

Math 4800E (Foundations of Algebra and Geometry in Master's in
Secondary/Middle School Education program)

* requires Math 308