

SCIENCE EDUCATION MINOR

Declaration of Minor | 2012-2013 Catalogue



EDGEWOOD COLLEGE

Name: _____ ID: _____

Minor Advisor Approval: _____ Date: _____

Department Chair Approval: _____ Date: _____

Intended Graduation Month: January August May Intended Graduation Year: _____

The Science Education minor is designed to provide the interdisciplinary science background required to teach science topics at the Early Childhood through Middle Childhood level (Birth to 8 years; PI 34.27) and Middle Childhood through Early Adolescence level (Ages 6-13; PI 34.28).

Coursework includes biological, earth, space, and physical science. This minor is intended to provide content knowledge that will support the teaching of elementary science with an interdisciplinary perspective and an integrated approach.

PRAXIS II Exam 10014 must be passed for Early Childhood through Middle Childhood certification. PRAXIS II Exam 20146 must be passed for Middle Childhood through Early Adolescence certification.

Credits include:

Eight credits of integrated science:

- NATS 104 S Introduction to Natural Science I
- NATS 105 ES Introduction to Natural Science II
- BIO 151 ESU General Biology I
- GEOS 102 S Oceans and Atmospheres

Four credits of physical science from:

- CHEM 110 S Introductory Chemistry
- CHEM 120 S General Chemistry I
- PHYS 130 S General Physics I
- PHYS 201 S College Physics I

Three credits in environmental studies:

- BIO 250 EV Environmental Biology
- OR
- GEOS 206 EV Environmental Geology

Two semesters of the methods of teaching science and accompanying practicum:

- ED 427A Methods: Science & Environmental ducation I

Methods:

- ED 427B Science and Environmental Education II

Transfer credit applied (including AP/CLEP/etc):

Course/Institution:
