

# SCIENCE EDUCATION MINOR

Declaration of Minor | 2014-2015 Catalog



EDGEWOOD COLLEGE

Name: \_\_\_\_\_ ID: \_\_\_\_\_

Minor Advisor Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Department Chair Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Intended Graduation Month:  January  August  May Intended Graduation Year: \_\_\_\_\_

THIS FORM IS TO ADD/DECLARE A MINOR. IF YOU WISH TO DROP/REMOVE A PREVIOUSLY DECLARED MINOR, YOU MUST SUBMIT A SEPARATE MINOR DECLARATION DROP FORM. THIS FORM IS AVAILABLE AT REGISTRAR.EDGEWOOD.EDU.

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:

### Required Courses:

- NATS 104 S Introduction to Natural Science I
- NATS 105 ES Introduction to Natural Science II
- BIO 151 ESU General Biology: Cell Biology and Ecology  
OR
- BIO 181 ESU Honors General Biology: Cell Biology and  
Ecology
- 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 U College Physics I

### Three credits in environmental studies:

- BIO 250 EV Environmental Biology  
OR
- ENVS 216/ EV Environmental Geology  
GEOS 206

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

- ED 427A Methods: Science & Environmental Education  
I
- ED 427B Methods: Science and Environmental  
Education II\*

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

### Course/Institution:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Any course in which a student receives a grade below "CD" will not be accepted toward the minor. Transfer students must take a minimum of 8 natural science credits at Edgewood College for a minor.