

# SCIENCE EDUCATION MINOR



2017-2018 Catalog

Information Sheet

EDGEWOOD COLLEGE

*This Information Sheet is for advising purposes only. Do not submit this form as a Major/Minor Declaration Form; a separate form is required to declare your major/minor.*

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.

## Minor Requirements:

Required Courses:

BIO 151	ESU	General Biology: Ecology, Genetics and Evolution*
		OR
BIO 181	ESU	Honors Gen. Bio.: Ecology, Genetics and Evolution*
GEOS 102	S	Introduction to Earth Science*
NATS 104	S	Introduction to Natural Science for Elementary Education I*
NATS 105	ES	Introduction to Natural Science for Elementary Education II*

One of the following physical sciences courses:

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

Three credits in Environmental Studies:

BIO 250	EV	Introduction to Environmental Science
ENVS 216/ GEOS 206	EV	Environmental Geology

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

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

## Policies:

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.