

NATURAL SCIENCE TEACHING MINOR

2016-2017 Catalog

Declaration of Minor



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

This minor is designed for individuals seeking certification at the Early Adolescence through Adolescence level (Ages 10-21; Grades 7-12; PI 34.29). The minor is designed to supplement a Biology or Chemistry Teaching Major to meet the PI 34 breath requirement. It may also be useful in preparing for the PRAXIS Exam 10435, which must be passed by all students seeking licensure to be eligible for certification.

The minor is comprised of thirty-two (32) credits in natural science:

Minor Requirements:

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

A minimum of 8 credits in Biology:

Course / Institution

BIO 151	ESU	General Biology: Cell Biology and Ecology*	
		OR	
BIO 181	ESU	Honors General Biology: Cell Biology and Ecology*	
BIO 152	S	General Biology: Genetics and Evolution*	
		OR	
BIO 182	S	Honors General Biology: Information Flow in Living Systems*	

One Chemistry Sequence:

CHEM 110 & 111	S	Introductory Chemistry & Introductory Organic Chemistry and Biochemistry*	
CHEM 120 & 121	S	General Chemistry I & General Chemistry II*	

A minimum of 8 credits in Geoscience:

GEOS 102	S	Introduction to Earth Science*	
GEOS 103	S	Oceans and Atmosphere*	
GEOS 301	S	Weather and Climate*	

A minimum of 8 credits in Physics:

PHYS 130	S	General Physics I*	
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		AND		
PHYS 131	SU	General Physics II*		
		OR		
PHYS 201	SU	College Physics I*		
		AND		
PHYS 202	S	College Physics II*		
PHYS 250	V	Survey of Astronomy*		

One course in Environmental Science:

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

One course in Natural Science:

NATS 250	PV	History and Philosophy of Science*		
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One semester of the methods of teaching science and accompanying practicum:

NATS 459		Teaching Science in Middle/Secondary Schools*		
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**course has prerequisites*

Students must be fully admitted to the teacher education program and have completed their science coursework before enrolling in NATS 459.

Students will also complete the WDPI content exam, PRAXIS Exam 10435, with a passing score.

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.