

BFNS: PHYSICS CONCENTRATION

(BS PROGRAM)



EDGEWOOD COLLEGE

2016-2017 Catalog

Declaration of Major

Name: _____ ID: _____

Major Advisor Approval: _____ Date: _____

Department Chair Approval: _____ Date: _____

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

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

An interdisciplinary major in the natural sciences requiring 52 credits.

Major Requirements:

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

Required Courses for the Major

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*	
CHEM 120	S	General Chemistry I*	
		AND	
CHEM 121	S	General Chemistry II*	
GEOS 102	S	Introduction to Earth Science	
		AND	
GEOS 103	S	Oceans and Atmosphere	

One of the following Physics sequences:

PHYS 130	S	General Physics I*	
		AND	
PHYS 131	S	General Physics II*	
PHYS 201	SU	College Physics I*	
		AND	
PHYS 202	S	College Physics II*	

Physics Concentration:

Required Courses:

PHYS 360	X	Relativity and Quantum Mechanics	
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Students must also take additional electives in Physics to equal 13 credits chosen in consultation with an advisor; some coursework may be completed through the UW-Madison Collaborative Program.

The following Mathematics courses:

MATH 231	M	Calculus I (4 cr.)	
MATH 232	M	Calculus II (4 cr.)	

**course has prerequisites*

Policies:

A student must maintain a cumulative grade point average of at least 2.0 in all courses taken to fulfill the major and concentration requirements.

Any natural science or mathematics course in which the student received a grade below “CD” will not be accepted toward the major.

Transfer students must take a minimum of 12 natural science credits at Edgewood College.

Students should consult with their advisor to learn the details about how to satisfy the COR 3 requirement.