

# BFNS: PHYSICS CONCENTRATION

(BS PROGRAM)



EDGEWOOD COLLEGE

2015-2016 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
----------	---	----------------------------------

--

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.