

BROAD FIELD NATURAL SCIENCE MAJOR (BS PROGRAM)

PHYSICS CONCENTRATION

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.

An interdisciplinary major in the natural sciences requiring 52 credits.

Major Requirements:

Required Courses for the Major

BIO 151	ESU	General Biology: Ecology, Genetics and Evolution*
		OR
BIO 181	ESU	Honors Gen Bio: Ecology, Genetics and Evolution*
BIO 152	S	General Biology: Cells and Molecules*
		OR
BIO 182	S	Honors General Biology: Cells and Molecules*
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 12 credits with PHYS prefix or CHEM 360, CHEM 361, NATS 260 or BIO 220.

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.