

BFNS: PHYSICS CONCENTRATION (BS PROGRAM)

Declaration of Major | 2014-2015 Catalog



EDGEWOOD COLLEGE

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, to include:

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

Required core courses:

Course/Institution:

- | | | | |
|--------------------------|----------|-----|--|
| <input type="checkbox"/> | BIO 151 | ESU | Biology: Cell Biology and Ecology
OR |
| <input type="checkbox"/> | BIO 181 | ESU | Honors General Biology: Cell Biology and Ecology |
| <input type="checkbox"/> | BIO 152 | S | General Biology: Genetics and Evolution
OR |
| <input type="checkbox"/> | BIO 182 | S | Honors General Biology: Information Flow in Living Systems |
| <input type="checkbox"/> | CHEM 120 | S | General Chemistry I
OR |
| <input type="checkbox"/> | CHEM 121 | S | General Chemistry II |
| <input type="checkbox"/> | GEOS 102 | S | Introduction to Earth Science
AND |
| <input type="checkbox"/> | GEOS 103 | S | Oceans and Atmosphere
OR |
| <input type="checkbox"/> | GEOS 301 | S | Weather and Climate |
| <input type="checkbox"/> | PHYS 360 | | Modern Physics |

One of the following:

- | | | | |
|--------------------------|----------|----|--------------------------|
| <input type="checkbox"/> | PHYS 130 | S | General Physics I
AND |
| <input type="checkbox"/> | PHYS 131 | S | General Physics II
OR |
| <input type="checkbox"/> | PHYS 201 | SU | College Physics I
AND |
| <input type="checkbox"/> | PHYS 202 | S | College Physics II |

Mathematics requirement:

- | | | | |
|--------------------------|----------|---|-------------------|
| <input type="checkbox"/> | MATH 231 | M | Calculus I
AND |
|--------------------------|----------|---|-------------------|

MATH 232 M Calculus II

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.

Policies:

At least 12 Natural Science credits towards the major must be taken at Edgewood College.

2.5 GPA or better in required core courses in Natural Science and Mathematics and in all courses taken to complete one of the concentrations.

CD or better in required courses for the major

Consult with you academic advisor on how to satisfy your COR 3 requirement.