

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
 Bachelor of Science
Major: Biology (0452)
 (Pre-Veterinary)

Student: _____ ID# @ _____ Term: _____

I. GENERAL EDUCATION (45 SH)

A. Skills (13 SH)

	SH	Grade	Date
ENGL 101 College Writing Skills	3	_____	_____
ENGL 102 Writ/Research	3	_____	_____
MATH 260 Elements of Statistics	3	_____	_____
CHEM 241 Prin. of Chem. II Fulfills computer competency requirement	4	_____	_____

B. Core (22 SH)

1. Artistic Expression	(3 SH)	_____	_____
2. World Civilizations	(3 SH)	_____	_____
3. American Civilizations	(3 SH)	_____	_____
4. Human Behavior	(3 SH)	_____	_____
5. Cultural Diversity & Social Pluralism	(3 SH)	_____	_____
6. Ethics	(3 SH)	_____	_____
7. Natural Science CHEM 240 Prin. of Chem. I	(4 SH)	4	_____

C. Distribution (10 SH)

1. Humanities & Fine Arts	(3 SH)	_____	_____
2. Social & Behavioral Sciences	(3 SH)	_____	_____
3. Science & Math CHEM 302 General Biochem	(4 SH)	4	_____

Three (3) semester hours in each of the areas of distribution

Students enrolled in the Bachelor of Science program must attain a minimum grade point average of 2.00 in all BIOL and PYMA courses (excluding Free Electives).

**THIS IS NOT AN OFFICIAL TRANSCRIPT
OF RECORD**

#Note: At least 42 semester hours must consist of advanced coursework

(Revised: October 2014; Approved: March 2015)
 (Effective: Summer 2015)

II. REQUIRED BIOLOGY COURSES (31 SH)

	SH	Grade	Date
BIOL 150 Principles of Biology	4	_____	_____
BIOL 230 Botany	4	_____	_____
BIOL 240 Zoology	4	_____	_____
BIOL 300 Genetics	4	_____	_____
BIOL 305 Cell/Molecular Biology	4	_____	_____
BIOL 340 Animal Physiology	4	_____	_____
BIOL 341 Vertebrate Anatomy	3	_____	_____
BIOL 400 Ecology	4	_____	_____

III. CAPSTONE EXPERIENCE (0-2 SH)

Students must submit a PORTFOLIO and do ONE of the following: DOCUMENT PRESENTATION of their research at a scientific meeting, an INTERNSHIP specifically approved as a Capstone, or take BIOL 495 Senior Capstone Seminar.

IV. BIOLOGY ELECTIVES* (7-9 SH)

7 credits only if capstone experience taken for 2 credits

At least one designated research intensive course required:

BIOL 308, BIOL 320, BIOL342, BIOL403, BIOL409, BIOL457, BIOL 472, BIOL 482, BIOL 643 (or BIOL 395 and BIOL 490 if specifically approved as research intensive) **SH Grade Date**

All additional coursework must be selected from the following:

BIOL302, BIOL308, BIOL309, BIOL314, BIOL courses numbered 318 or above (limit 4 SH max for BIOL 395 & 490), and PYMA courses

V. REQUIRED SUPPORTING COURSES (20 SH)

	SH	Grade	Date
MATH 211 Anal. Geometry & Calculus I	4	_____	_____
CHEM 330 Organic Chemistry I	4	_____	_____
CHEM 331 Organic Chemistry II	4	_____	_____
PHYS 201 Physics I	4	_____	_____
PHYS 202 Physics II	4	_____	_____

VI. FREE ELECTIVES (15 SH)

	SH	Grade	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

TOTAL# (120 SH)

*NOTE: BIOL 318 Clinical Microbiology is recommended