

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
 Bachelor of Science
Major: Health Sciences - Pre-Optometry (0409)

Student: _____

ID#: @ _____

Term: _____

I. GENERAL EDUCATION (46 SH)

	SH	Grade	Date
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A. Skills (14 SH)

ENGL101 College Writing Skills	3		
ENGL102 Writ/Research Skills	3		
MATH211 Analytic Geometry & Calc. I	4		
CHEM241 *Prin. Of Chem II	4		

*Fulfills computer competency requirement

B. Core (22 SH)

1	Artistic Expression	(3 SH)	
2	World Civilizations	(3 SH)	
3	American Civilizations	(3 SH)	
4	Human Behavior	(3 SH)	
	PSYC101 Intro. to Psych	3	
5	Cult Div. & Social Plur.	(3 SH)	
	SOC100 Prin. of Sociology	3	
6	Ethics	(3 SH)	
	BIOL200 Bioethics	3	
7	Natural Science	(3 SH)	
	CHEM240 Prin. Chem I	4	

C. Distribution (10 SH)

1	Humanities & Fine Arts	(3 SH)	
	COMM107 Public Speaking	3	
2	Social & Behav. Sciences	(3 SH)	
3	Science & Math	(4 SH)	
	CHEM302 General Biochemistry	4	

THIS IS NOT AN OFFICIAL TRANSCRIPT OF RECORD.

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

*In order to declare the Pre-Optometry concentration, a student must have received a C- or better in MATH107 or 211, CHEM140 or 240 and 241, and BIOL150 and 55, and obtained a GPA of 3.0.

(Revised: November 2017; Approved: March 2018)

(Effective: Spring 2018)

II. REQUIRED BIOLOGY COURSES (28 SH)

	SH	Grade	Date
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BIOL150 Principles of Biology	4		
BIOL155 Principles of Biology II	4		
BIOL300 Genetics	4		
BIOL305 Cell and Mol. Biology	4		
BIOL318 Clinical Microbiology	4		
BIOL340 Animal Physiology	4		
BIOL341 Vertebrate Anatomy	4		

III. CAPSTONE EXPERIENCE (2-3 SH)

Students must submit a portfolio and do one of the following:

BIOL395 Biology Internship with Presentation

BIOL490 Independent Study with Presentation

BIOL495 Senior Capstone Seminar

BIOL403 Organic Evolution

IV. REQUIRED SUPPORTING COURSES (28-29 SH)

	SH	Grade	Date
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CHEM330 Organic Chemistry I	4		
CHEM331 Organic Chemistry II	4		
PHYS201 Physics I	4		
PHYS202 Physics II	4		
PHYS302 Nature of light and color	3		
PSYC345 Intro to Brain and Beh.	3		
COMM225 Interpersonal Communication	3		
STAT260 or PSYC225/226	4		

V. FREE ELECTIVES (14-16SH)

	SH	Grade	Date
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TOTAL (120 SH)