

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS
 Bachelor of Science
 Major: Chemistry (0478)

Student: _____ ID: @ _____ Term: _____

I. GENERAL EDUCATION (50 SH)

	SH	Grade	Date
A. Skills (14 SH)			
ENGL101 College Writing Skills	3	_____	_____
ENGL102 Writ/Research	3	_____	_____
MATH211 Ana. Geo. & Calculus 1	4	_____	_____
CHEM241 Prin. of Chemistry II*	4	_____	_____

*Fulfills required computer competency course.

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) (Select FREN101, GERM101, or RUSS101)	_____	_____	_____
6. Ethics (3 SH)	_____	_____	_____
7. Natural Science (4 SH)	_____	_____	_____
BIOL103 Principles of Biology	4	_____	_____

C. Distribution (14 SH)

1. Humanities & Fine Arts (3 SH)	_____	_____	_____
2. Social & Behavioral Sciences (3SH)	_____	_____	_____
3. Science & Math (8 SH)	_____	_____	_____
PHYS320 University Physics I	4	_____	_____
PHYS321 University Physics II	4	_____	_____

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

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

(Revised: March 2006; Approved: June 2006)
 (Effective: Fall 2006; Printed June 2012)

II. SPECIALIZATION IN CHEMISTRY (48 SH)**

CHEM240 Principles of Chemistry I	4	_____	_____
CHEM241 Principles of Chemistry II	***	_____	_____
CHEM280 Laboratory Safety	1	_____	_____
CHEM341 Biochemistry	4	_____	_____
CHEM310 Quantitative Analysis	4	_____	_____
CHEM330 Organic Chemistry I	4	_____	_____
CHEM331 Organic Chemistry II	4	_____	_____
CHEM381 Science Literature	1	_____	_____
CHEM420 Inorganic Chemistry	3	_____	_____
CHEM421 Advanced Organic Chemistry	3	_____	_____
CHEM450 Instrumental Analysis	5	_____	_____
CHEM481 Seminar	1	_____	_____
CHEM490 Indep. Study Chem.	2	_____	_____
CHEM530 Physical Chemistry I	4	_____	_____
CHEM531 Physical Chemistry II	4	_____	_____
CHEM533 Polymer Chemistry	3	_____	_____
CHEM535 Advanced Chemistry Lab.	1	_____	_____

**Students enrolled in the Bachelor of Science program must attain a cumulative quality point average of 2.00 or higher in chemistry courses to be eligible for graduation. A minimum grade of "C" is required in CHEM240, 241, 310, 330, 331, 341, 530 and 531.

III. REQUIRED SUPPORTING COURSES (12-13 SH)

BIOL103 Principles of Biology	***	_____	_____
MATH211 Anal. Geometry & Calculus I	***	_____	_____
MATH212 Anal. Geometry & Calculus II	4	_____	_____
MATH311 Anal. Geometry & Calculus III	4	_____	_____
OR			
MATH317 Intro. to Differential Equations	3	_____	_____
OR			
CSCI130 Principles of Programming I	3	_____	_____
MATH260 Elements of Statistics	3	_____	_____
FREN101 1 st . Course in French	***	_____	_____
OR GERM101 1 st . Course in German	***	_____	_____
OR RUSS101 1 st . Course in Russian	***	_____	_____
PHYS320 University Physics I	***	_____	_____
PHYS321 University Physics II	***	_____	_____
PHYS322 Phys. Measurements I	1	_____	_____
PHYS323 Phys. Measurements II	1	_____	_____

***Credits are recorded under the General Education Section

IV. ELECTIVES (9-10 SH)

(To total a minimum of 120 SH)	SH	Grade	Date
_____	_____	_____	_____
_____	_____	_____	_____

TOTAL# (120 SH)