

EDINBORO UNIVERSITY OF PENNSYLVANIA
CURRICULUM REQUIREMENTS

Bachelor of Science

Major: Chemistry

Concentration: Forensic Sciences (0443)

Student: _____ ID: @ _____ Term: _____

I. GENERAL EDUCATION (46 SH)

A. Skills (14 SH)

ENGL101 College Writing Skills 3 _____

ENGL102 Writ/Research 3 _____

MATH211 Ana. Geo. & Calculus I* 4 _____

*Fulfills required skills course MATH104

CHEM241 Principles of Chemistry II** 4 _____

** Fulfills required computer competency course

B. Core (22 SH)

1. Artistic Expression (3 SH)

_____ 3 _____

2. World Civilizations (3 SH)

_____ 3 _____

3. American Civilizations (3 SH)

Fulfilled by the Required Supporting Course

POLI201 American Government 3 _____

4. Human Behavior (3 SH)

Fulfilled by the Required Supporting Course

ANTH180 Intro. to Anthropology 3 _____

5. Cultural Diversity & Social Pluralism (3 SH)

Fulfilled by the Required Supporting Course

SOC100 Principles of Sociology 3 _____

6. Ethics (3 SH)

_____ 3 _____

7. Natural Science (4 SH)

Fulfilled by the Required Supporting Course

BIOL150 Principles of Biology 4 _____

C. Distribution (10 SH)

1. Humanities & Fine Arts (3 SH)

_____ 3 _____

2. Social & Behavioral Sciences (3 SH)

Fulfilled by one of the following Required Supporting Courses: ANTH385, HIST379 OR SOC530

3. Science & Math (4 SH)

Fulfilled by the Required Supporting Courses MATH212 .

II. REQUIRED CHEMISTRY COURSES* (35 SH)**

CHEM240 Principles of Chemistry I 4 _____

CHEM241 Principles of Chemistry II - _____

CHEM280 Laboratory Safety 1 _____

CHEM310 Quantitative Analysis 4 _____

CHEM330 Organic Chemistry I 4 _____

CHEM331 Organic Chemistry II 4 _____

CHEM341 Biochemistry 4 _____

CHEM381 Searching Scientific Literature 1 _____

CHEM450 Instrumental Analysis 5 _____

CHEM460 Forensic Analysis 3 _____

CHEM481 Seminar 1 _____

CHEM530 Physical Chemistry I 4 _____

***Students enrolled in the Bachelor of Science- Forensic Sci. 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, CHEM241, CHEM310, CHEM330, CHEM331, CHEM 341, CHEM450, and CHEM460.

III. CRIMINAL JUSTICE COURSES (12 SH)

A. Three Required Courses (9 SH)

CRIM100 Intro. to Criminal Justice 3 _____

CRIM355 Criminalistics 3 _____

CRIM469 Criminal Procedures and Evidence 3 _____

B. One Elective Course (3 SH)

CRIM340 Criminal Investigations 3 _____

CRIM443 Arson Investigations 3 _____

CRIM500 Seminar in the Criminal Justice System 3 _____

POLI365 Prosecution and the Courts 3 _____

IV. REQUIRED SUPPORT COURSES (23 SH)

ANTH180 Intro. to Anthropology - _____

BIOL150 Principles of Biology - _____

BIOL300 Genetics 4 _____

BIOL305 Cell /Molecular Biology 4 _____

BIOL409 Molecular Biology 4 _____

MATH211 Anal. Geometry & Calculus I 4 _____

MATH212 Anal. Geometry & Calculus II 4 _____

MATH260 Statistics 3 _____

POLI201 American Government - _____

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

(Revised: August 2012 ; Approved March 2013)
 (Effective: Summer 2013; Printed: June 2014)

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BS in Chemistry/Forensic Sciences (Continued)

IV. REQUIRED SUPPORTING COURSES (Continued)

| | | SH | Grade | Date |
|-----------|--------------------------------|----|-------|-------|
| PHYS201 | Physics I | 4 | _____ | _____ |
| PHYS202 | Physics II | 4 | _____ | _____ |
| SOC100 | Principles of Sociology | - | _____ | _____ |
| ANTH385 | Intro to Physical Anthropology | - | _____ | _____ |
| OR | | | | |
| HIST379 | U.S. Police History | - | _____ | _____ |
| OR | | | | |
| SOC530 | Sociology of Deviant Behavior | - | _____ | _____ |

V. ELECTIVE**** (4 SH)

| | | SH | Grade | Date |
|-------|--|-------|-------|-------|
| _____ | | _____ | _____ | _____ |
| _____ | | _____ | _____ | _____ |

****CHEM495 Internship (3 SH) An internship in an analytical/forensic laboratory is **STRONGLY RECOMMENDED**, but **OPTIONAL** for Bachelor of Science-Forensic Science program.

TOTAL# (120 SH)

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