

**EDINBORO UNIVERSITY OF PENNSYLVANIA**  
**CURRICULUM REQUIREMENTS**  
 Bachelor of Science in Education  
**Major: Secondary Education – Chemistry (0233)**

Student: \_\_\_\_\_ ID# @ \_\_\_\_\_ Term: \_\_\_\_\_

**I. GENERAL EDUCATION (45 SH)**

	SH	Grade	Date
<b>A. Skills (13 SH)</b>			
ENGL 101 College Writing Skills	3		
ENGL 102 Writ/Research	3		
MATH 211 Analyt Geom & Calc I	4		
<b>SEDU 183 Tech for Teach/Learn</b>	3		

<b>B. Core (22 SH)</b>			
<b>1. Artistic Expression (3 SH)</b>			
<b>2. World Civilizations (3 SH)</b>			
<b>3. American Civilizations (3 SH)</b>			
<b>4. Human Behavior (3 SH)</b>			
PSYC101 Intro to Psychology	3		
<b>5. Cultural Diversity &amp; Social Pluralism (3 SH)</b>			
<b>SEDU271 Multi-cult Am. Schools</b>	3		
<b>6. Ethics (3 SH)</b>			
GEOG 145 Environmental Issues	3		
<b>7. Natural Science (4 SH)</b>			
CHEM240 Principles of Chem I	4		

<b>C. Distribution (10 SH)</b>			
<b>1. Humanities &amp; Fine Arts (3 SH)</b>			
<b>2. Social &amp; Behavioral Sciences (3 SH)</b>			
<b>SEDU 360 Sec. Feat &amp; Inst</b>			
<b>3. Science &amp; Math (4 SH)</b>			
MATH212 Analyt Geom & Calc II	4		

All Secondary Education Majors must complete a 3 SH Literature course, and two Math courses at the 100 level or above to comply with PDE certification requirements.

SEDU 271 Fulfills Core 5 for Education Majors Only

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

**II. PROFESSIONAL EDUCATION (37 SH)**

	SH	Grade	Date
SEDU 306 Content Literacy Mid/Sec.Sch.	4		
<b>SEDU 350 Theory &amp; Practices in Secondary Schools</b>			
SEDU 381 Assessment Mid/Secondary	3		
SEDU 472 Instructional Techniques for Secondary Science	3		
SEDU 476 Field Exp Mid/Sec Education	3		
XSEDU 491 Classroom Mgmt 7-12 Class	3		
XSEDU 495 Student Teaching	12		
<b>SPED 210 Intro to Except. and Spec. Ed.</b>	3		
SPED 370 Adapt. & Accom. Inclu. Clsrm	3		

**III. SPECIALIZATION IN CHEMISTRY (29 SH)**

	SH	Grade	Date
CHEM 241 Principles of Chemistry II	4		
CHEM 280 Laboratory Safety I	1		
CHEM 310 Quantitative Analysis	4		
CHEM 330 Organic Chemistry I	4		
CHEM 331 Organic Chemistry II	4		
CHEM 341 Biochemistry	4		
CHEM 530 Physical Chemistry I	4		
CHEM 531 Physical Chemistry II	4		

**IV. REQUIRED SUPPORTING COURSES (14 SH)**

	SH	Grade	Date
GEOS 101 Dynamic Earth	3		
MATH 260 Elements of Statistics	3		
PHYS 201 Physics I	4		
PHYS 202 Physics II	4		

**TOTAL# (125 SH)**

Courses in **BOLD/Italics** can be taken Pre-Candidacy  
 ♦Taken together  
 ●Taken together  
 XTaken together

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