

## Course Requirements for Chemistry Education

Pitt ID:

Name:

Advisor:

COMPETENCIES	Cr	Trm	Gr
<b>Writing</b>			
ENG 0101 English Composition	3		
ENG 0102 English Composition	3		
UL Writing	*		
<b>Mathematics</b>			
MATH 0140	*		

### THE HUMAN EXPERIENCE

<b>Arts &amp; Letters (9 credits)</b>			
<i>Must include at least one course in literature, and at least one course in the creative, fine, and performing arts.</i>			
Literature	3		
Arts	3		
EDUC 0275 Adolescent Literature	*		
<b>Behavioral, Economic, &amp; Political Sciences (9 credits)</b>			
<i>Courses must be selected from at least two different categories.</i>			
PSY 0101	3		
	3		
	3		
<b>History, Cultures, &amp; Philosophical Inquiry (9 credits)</b>			
<i>At least one history course is required and at least one course from either of the other two categories (Culture or Philosophical Inquiry)</i>			
HIST	3		
	3		
EDUC 0215 English Language Learners (Global)	*		
<b>Physical, Life, &amp; Computational Sciences (9-10 credits)</b>			
<i>Must include one course each in physical sciences and life sciences, one of which must have a laboratory.</i>			
CHEM 0101/0102	*		
Life Science	3-4		
MATH 0150	*		
<b>Physical Education (1 credit)</b>			
	1		
<b>First Year Seminar (1 credit)</b>			
FS 0104	1		

\* Denotes that the Course is used to satisfy more than one requirement.

Students must earn 120 credits exclusive of development courses such as MATH 0097.

**A second course designated as global is required:**  
Course # and name:

MAJOR	Cr	Trm	Gr
CHEM 0101 General Chem I	4		
CHEM 0102 General Chem II	4		
CHEM 0201 Analytical	4		
CHEM 0206/7 Organic I	4		
CHEM 0208/9 Organic II	4		
CHEM 1301 Physical I	4		
CHEM 1302 Physical II	4		
CHEM 1305 Analytic Instrumentation	4		
CHEM 1451 Capstone	3		
MATH 0140 Calculus I	4		
MATH 0150 Calculus II	4		
PHYS 0201 Foundations of PHYS I	4		
PHYS 0202 Foundations of PHYS II	4		
<b>Education</b>			
EDUC 0204 Intro to Education	3		
EDUC 0215 English Language Learners	3		
EDUC 0220 Special Education Law	3		
EDUC 0235 Instructional Design	3		
EDUC 0275 Adolescent Literature	3		
EDUC 1325 Development of Children with Exceptional Needs	3		
EDUC 1330 Educating Children with Exceptional Needs	3		
EDUC 1345 Educ. Theories & Practices	3		
EDUC 1350 Educational Psychology and Measurement	3		
<b>Admission to program is a pre-requisite for these courses</b>			
EDUC 1301 Instructional Technology	3		
EDUC 1307 Secondary Methods	4		
EDUC 1334 Literacies Across Curriculum	3		
EDUC 1481 Student Teaching	12		

**132 Credits**

**All courses in the major must be completed with a C- or higher and a 3.0 grade point average must be maintained.**