

## B.S.ED.: CHEMISTRY: 123-126 credits (Summer 2012>)

Student Name: \_\_\_\_\_ Student ID#: \_\_\_\_\_

Required by Chemistry for Secondary Ed. Major (51 credits)			
Course Number	Course Title	Cr.	Plan
CHEM 115	Chemistry for the Sciences 1	4	
CHEM 116	Chemistry for the Sciences 2	4	
CHEM 231	Organic Chemistry I	4	
CHEM 232	Organic Chemistry II	4	
CHEM 321	Analytical Chemistry I	3	
CHEM 341	Biochemistry	4	
CHEM 361	Physical Chemistry I	4	
CHEM 251	Inorganic Chemistry	3	
CHEM 475	The Chemistry Curriculum & the Teaching Lab	3	
EGGS 105	Environmental Issues & Choices	3	
EGGS 120	Physical Geology	4	
MATH 225	Calculus III	3	
PHYSICS 211	General Physics I	4	
PHYSICS 212	General Physics II	4	

Required by Education (40 credits)			
COMMSTUD 103/104	Public Speaking or Interpersonal Communication	3	
EDFOUND 204	Educational Technology	3	
EDFOUND 206	Teachers, Schools & Society	1	
EDFOUND 251	Psychological Foundations of Ed.	3	
EDFOUND 291	Principles of Teaching	3	
EDFOUND 311	Classroom Meas. & Assessment	3	
EDFOUND 406	Multicultural Education	3	
EDFOUND 427	Classroom Mgt. & Eff. Discipline	3	
EDFOUND 497	Student Teaching: 1 <sup>st</sup> Experience	6	
EDFOUND 498	Student Teaching: 2 <sup>nd</sup> Experience	6	
PROFSTUD 320	PDS (replaces EDFOUND 311 & SECED 453 if scheduled)	6	
PSYCH 101	General Psychology	3	
SECED 453	Tchg. Science in Sec. School (fall)	3	

Required by PDE (27 credits)			
ENGLISH 101	Foundations of College Writing I	3	
ENGLISH ____	Literature (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)	3	
MATH 125	Calculus I	3	
MATH 126	Calculus II	3	
PROFSTUD 494	ELL Strategies	3	
PSYCH 212	Adolescent Psychology	3	
SPECED 101	Introduction to Except. Individuals	3	
SPECED 275	Linking Assessment	3	
SPECED 358	Methods of Instr. Stud. with Disabilities	3	

Meeting General Education Goals:			
Credit toward General Education Goals is met with General Education Points (GEPs). Courses can offer a maximum of 4 GEPs. Some courses offer GEPs toward more than one General Education Goal. <i>The range of courses awarding GEPs, and the degree to which major requirements and general education requirements may be satisfied simultaneously, will change as more courses are approved for General Education credit. See <a href="http://www.bloomu.edu/mycore">www.bloomu.edu/mycore</a>.</i>			
General Education Courses			
<i>Courses in italics are also listed at left.</i>			
Course Number	Course Title	GEPs	Plan
Goal 1: Communication; minimum 7 GEPs, from minimum of 3 disciplines			
COMMSTUD 103/104	<i>Public Speaking or Interpersonal Communication</i>	3	
EDFOUND 291	<i>Principles of Teaching</i>	2	
ENGLISH 101	<i>Foundations of College Writing I</i>	3	
Goal 2: Information Literacy; minimum 2 GEPs			
EDFOUND 204	<i>Educational Technology</i>	3	
Goal 3: Analysis, Quantitative Reasoning, & Problem Solving; minimum 5 GEPs, from minimum of 2 disciplines			
CHEM 115	<i>Chemistry for the Sciences I</i>	1	
MATH 125	<i>Calculus I</i>	2	
MATH 126	<i>Calculus II</i>	3	
Goal 4: Cultures & Diversity; minimum 5 GEPs, from minimum of 2 disciplines			
EDFOUND 291	<i>Principles of Teaching</i>	1	
EDFOUND 406	<i>Multicultural Education</i>	2	
SPECED 101	<i>Intro to Exceptional Individuals</i>	2	
Goal 5: Natural Sciences; minimum 5 GEPs, from minimum of 2 disciplines			
CHEM 115	<i>Chemistry for Sciences I</i>	3	
EGGS 105	<i>Environmental Issues &amp; Choices</i>	1	
MATH 125	<i>Calculus I</i>	1	
Goal 6: Social Sciences; minimum 5 GEPs, from minimum of 2 disciplines			
EDFOUND 206	<i>Teachers, Schools, and Society</i>	1	
PSYCH 101	<i>General Psychology</i>	3	
SPECED 275	<i>Linking Assessment</i>	1	
Goal 7: Humanities; minimum 5 GEPs, from minimum of 2 disciplines; Select MUSIC 101 or THEATRE 102 or 103 to complete this goal.			
ENGLISH ____	<i>Literature (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)</i>	2	
MUSIC 101 or THEATRE 102/103	<i>Music Listening or Introduction to Theatre or Theatre Appreciation</i>	3	
Goal 8: Second Language Competency; minimum 2 GEPs; Select one of the two options.			
ASLTERP 155	<i>American Sign Language I</i>	2	
____ 102	<i>Competency test or any second language 102 level</i>		
Goal 9: Physical Activity & Health; minimum 2 GEPs			
Goal 10: Responsible Citizenship; minimum 2 GEPs			
EDFOUND 406	<i>Multicultural Education</i>	1	
SPECED 101	<i>Intro to Exceptional Individuals</i>	1	

**NOTE:** A minimum of 120 credits are required for graduation.  
An alternative bookkeeping method for GEPs can be found on the reverse.

