

## B.S.ED.: CHEMISTRY: 126 credits

Student Name: \_\_\_\_\_

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

Required by Chemistry for Secondary Ed. Major (49 credits)			
Course Number	Course Title	Cr.	Plan
CHEM 115	Chemistry for Sciences 1	4	
CHEM 116	Chemistry for the Sciences 2	4	
CHEM 231	Organic Chemistry 1	4	
CHEM 232	Organic Chemistry 2	4	
CHEM 321	Analytical Chem. 1	3	
CHEM 341	Biochemistry	4	
CHEM 361	Physical Chemistry 1	4	
CHEM 251	Inorganic Chemistry	3	
EGGS 105	Environmental Issues & Choices	3	
EGGS 120	Physical Geology	4	
MATH 225	Calculus 3	4	
PHYSICS 211	General Physics 1	4	
PHYSICS 212	General Physics 2	4	

Required by Education (40 credits)			
EDFOUND 204	Educational Technology for Teaching and Learning	3	
EDFOUND 206	Teachers, Schools & Society	1	
EDFOUND 291	Principles of Teaching	3	
PROFSTUD 301	Teach. Learn. & Assess.	3	
EDFOUND 406	Multicultural Education	3	
EDFOUND 427	Classroom Mgt. & Eff. Disc.	3	
PSYCH 101	General Psychology	3	
SECED 453	Teaching Sci. Sec. ( <i>fall</i> )	3	
-----	Practicum	3	
PROFSTUD 498	Student Teaching Seminar	3	
EDFOUND 497	Tch. Ed: First Exper.	6	
EDFOUND 498	Tch. Ed: Second Exper.	6	

Required by PDE (29 credits)			
ENGLISH 101	Foundations of College Writing	3	
ENGLISH ____	Literature (151, 152, 156, 221, 226, 227, 236, 237, 246, 247, or 286)	3	
MATH 125	Calculus 1	4	
MATH 126	Calculus 2	4	
PROFSTUD 494	ELL Strategies & Methods	3	
PSYCH 212	Adolescent Dev.	3	
SPECED 101	Introduction to Individuals with Exceptionalities	3	
SPECED 275	Linking Assessment/Instruction for Students with Disabilities	3	
SPECED 358	Meth. Instr. Indiv. Dis.	3	

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

\*Highly Recommended

Meeting General Education Goals:			
Credit toward General Education Goals is met with General Education Points (GEPs). Courses can offer up to 4 GEPs and some offer GEPs toward more than one General Ed. 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 GEPs. 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			
<i>EDFOUND 291</i>	<i>Principles of Teaching</i>	2	
<i>ENGLISH 101</i>	<i>Foundations of College Writing</i>	3	
<i>ENGLISH ____</i>	<i>Literature (151, 152, 156, 221, 226, 227, 236, 237, 246, 247, or 286)</i>	1	
<i>CHEM 341</i>	<i>Biochemistry</i>	1	
Goal 2: Information Literacy; minimum 2 GEPs			
<i>EDFOUND 204</i>	<i>Educational Technology for Teaching and Learning</i>	3	
Goal 3: Analysis, Quantitative Reasoning, & Problem Solving; minimum 5 GEPs, from minimum of 2 disciplines			
<i>CHEM 115</i>	<i>Chemistry for Sciences 1</i>	1	
<i>MATH 125</i>	<i>Calculus 1</i>	2	
<i>MATH 126</i>	<i>Calculus 2</i>	3	
Goal 4: Cultures & Diversity; minimum 5 GEPs, from minimum of 2 disciplines			
<i>EDFOUND 291</i>	<i>Principles of Teaching</i>	1	
<i>EDFOUND 406</i>	<i>Multicultural Education</i>	2	
<i>SPECED 101</i>	<i>Introduction to Individuals with Exceptionalities</i>	2	
Goal 5: Natural Sciences; minimum 5 GEPs, from minimum of 2 disciplines			
<i>CHEM 115</i>	<i>Chemistry for Sciences 1</i>	3	
<i>EGGS 105</i>	<i>Environmental Issues &amp; Choices</i>	1	
<i>MATH 125</i>	<i>Calculus 1</i>	1	
Goal 6: Social Sciences; minimum 5 GEPs, from minimum of 2 disciplines			
<i>EDFOUND 206</i>	<i>Teachers, Schools, and Society</i>	1	
<i>PSYCH 101</i>	<i>General Psychology</i>	3	
<i>SPECED 275</i>	<i>Linking Assessment/Instruction for Students with Disabilities</i>	1	
Goal 7: Humanities; minimum 5 GEPs, from minimum of 2 disciplines			
<i>ENGLISH ____</i>	<i>Literature (151, 152, 156, 221, 226, 227, 236, 237, 246, 247, or 286)</i>	2	
<i>MUSIC 101/105 THEATRE 102/103 OR PHIL 111</i>	<i>Music Listening, Music Literature, Introduction to Theatre, Theatre Appreciation, OR Introduction to Philosophy</i>	3	
Goal 8: Second Language Competency; minimum 2 GEPs			
_____	102 level language OR Competency Test OR any course equivalent to 2 GEPs	2	
Goal 9: Physical Activity & Health; minimum 2 GEPs			
_____	*Exercise 211, Exercise (114, 226, 230, 241, 250, 270), Dance 117, Nursing (100 or 217), Honors 217, OR CLE 111	2	
Goal 10: Responsible Citizenship; minimum 2 GEPs			
<i>EDFOUND 406</i>	<i>Multicultural Education</i>	1	
<i>SPECED 101</i>	<i>Introduction to Individuals with Exceptionalities</i>	1	

<b>General Education: see</b> <a href="https://intranet.bloomu.edu/general_education">https://intranet.bloomu.edu/general_education</a> for more info about GEPs  <b>General Education Requirements:</b>			Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6	Goal 7	Goal 8	Goal 9	Goal 10
			Communication	Information Literacy	Analytical/Quantitative	Cultures & Diversity	Natural Science	Social Science	Arts & Humanities	Second Language	Healthy Living	Citizenship
Course #	Course Name	Sem/Yr	7 GEPs ***	2 GEPs *	5 GEPs **	5 GEPs **	5 GEPs **	5 GEPs **	5 GEPs **	2 GEPs *	2 GEPs *	2 GEPs *
CHEM 115	Chemistry for Sciences I				1		3					
EDFOUND 204	Educational Technology for Teaching and Learning			3								
EDFOUND 206	Teachers, Schools, and Society							1				
EDFOUND 291	Principles of Teaching		2			1						
EDFOUND 406	Multicultural Education					2						1
EGGS 105	Environmental Issues & Choices			1			1	1				
ENGLISH 101	Foundations of College Writing		3									
ENGLISH ____	Literature (151, 152, 156, 221, 226, 227, 236, 237, 246, 247, or 257)		1						2			
EXERCISE	Exercise										2	
LANGUAGE	Language									2		
MATH 125	Calculus I				2		1					
MATH 126	Calculus 2				3							
MUSIC 101	Music Listening								3			
MUSIC 105	Music Literature								3			
PHIL 111	Introduction to Philosophy								3			
CHEM 341	Biochemistry		1									
PSYCH 101	General Psychology							3				
SPECED 101	Introduction to Individuals with Exceptionalities					2						1
SPECED 275	Linking Assessment/Instruction for Students with Disabilities			1	1			1				
THEATRE 102	Introduction to Theatre								3			
THEATRE 103	Theater Appreciation								3			
<b>GEP Running Total (revise as needed) =</b>												
<b>Check here when GEP requirements met:</b>												

\*GEPs for this goal may come from just 1 discipline. \*\*GEPs must come from at least 2 disciplines. \*\*\*GEPs must come from at least 3 disciplines.

*Meet with your advisor each semester and have them sign in the respective box*

Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring