

**B.S.Ed.: BIOLOGY: 127 credits**

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

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

Required by Biology for Sec. Ed. Major (52 credits)			
Course Number	Course Title	Cr.	Plan
BIOLOGY 114	Concepts Biology 1	4	
BIOLOGY 115	Concepts Biology 2	4	
BIOLOGY 242	Microbiology	4	
BIOLOGY 271	Cell Biology	4	
BIOLOGY 332	Genetics	3	
BIOLOGY 333	Molecular Biology	3	
BIOLOGY 351	Ecology	4	
BIOLOGY _____	Physiology Requirement (Select one from 472, 474, 477, 478, or 480.)	3	
BIOLOGY 479	Integrated Physiology Laboratory	1	
CHEM 115	Chemistry for Sciences 1	4	
CHEM 116	Chemistry for the Sciences 2	4	
CHEM 230	Fundamentals of Organic Chemistry	4	
PHYSICS 201	Introductory Physics I	4	
Electives (6 credits from Biology)			
BIOLOGY _____	One Biology Field Course Required (Select one from BIOLOGY 200, 252, 253, 263, 452, 457, or 459.)	3	
BIOLOGY 430	Evolution (Strongly Recommended) or one from the following list et al.	3	
Partial List of Other Electives Offered (see advisor for others)			
BIOLOGY 200	Dendrology	3	
BIOLOGY 211	Invert Zoology	3	
BIOLOGY 212	Vertebrate Zoology	3	
BIOLOGY 222	Comparative Biology of Plants	3	
BIOLOGY 233	Human Genetics	3	
BIOLOGY 252	Field Zoology	3	
BIOLOGY 253	Freshwater Biology	3	
BIOLOGY 263	Field Botany	3	
BIOLOGY 290	Writing in Biology		

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 only</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 (27 credits)			
ENGLISH 101	Foundations of College Writing	3	
ENGLISH _____	Literature (151, 152, 156, 221, 226, 227, 236, 237, 246, 247, or 286)	3	
MATH 141	Introduction to Statistics	3	
MATH _____	A second college-level math course	3	
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>BIOLOGY 290</i>	<i>Writing in Biology</i>	2	
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>BIOLOGY 114</i>	<i>Concepts Biology 1</i>	1	
<i>CHEM 115</i>	<i>Chemistry for Sciences 1</i>	1	
<i>MATH 141</i>	<i>Introduction to Statistics</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>BIOLOGY 114</i>	<i>Concepts in Biology 1</i>	3	
<i>CHEM 115</i>	<i>Chemistry for Sciences 1</i>	3	
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</i> <i>THEATRE 102/103</i> <i>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 <u>OR</u> Competency Test <u>OR</u> 2 GEPs in language	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, <u>OR</u> 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 *
BIOLOGY 114	Concepts Biology 1				1		3					
CHEM 115	Chemistry for Sciences 1				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
ENGLISH 101	Foundations of College Writing		3									
ENGLISH ____	Literature (151, 152, 156, 221, 226, 227, 236, 237, 246, or 247)		1						2			
EXERCISE	Exercise										2	
LANGUAGE	Language									2		
MATH 141	Introduction to Statistics				3							
MATH ____	2 <sup>nd</sup> college-level math course				3							
MUSIC 101	Music Listening								3			
MUSIC 105	Music Literature								3			
PHIL 111	Introduction to Philosophy								3			
PROFSTUD 498	Student Teaching Seminar		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