

B.S.ED.: PHYSICS: 122-125 credits (Summer 2012>)

Student Name: _____ Student ID#: _____

Required by Physics for Secondary Ed. Major (50 credits)			
Course Number	Course Title	Cr.	Plan
CHEM 115	Chemistry for the Sciences 1	4	
CHEM 116	Chemistry for the Sciences 2	4	
COMPSCI 116	Algorithmic Processes for Computers (or any computer programming course)	3	
EGGS 105	Environmental Issues & Choices	3	
MATH 225	Calculus III	3	
MATH 322	Differential Equations	3	
PHYSICS 123	Contemporary Physics	3	
PHYSICS 211	General Physics I	4	
PHYSICS 212	General Physics II	4	
PHYSICS 302	Mechanics: Dynamics (Offered alternate years)	3	
PHYSICS 310	Modern Atomic Physics	3	
PHYSICS 314	Electricity & Magnetism (Offered alternate years)	3	
PHYSICS 315	Electronics	4	
PHYSICS 318	Optics (Offered alternate years)	4	
PHYSICS 400	Advanced Physics Lab (Offered alternate years)	2	

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 st Experience	6	
EDFOUND 498	Student Teaching: 2 nd Experience	6	
PROFSTUD 320	PDS (replaces EDFOUND 311 & SECED 453)	6	
PSYCH 101	General Psychology	3	
SECED 453	Tchg. Sci. in Sec. Sch. (fall only)	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 Instruction for Students 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 www.bloomu.edu/mycore.</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>COMMSTUD 103/104</i>	<i>Public Speaking or Interpersonal Communication</i>	3	
<i>EDFOUND 291</i>	<i>Principles of Teaching</i>	2	
<i>ENGLISH 101</i>	<i>Foundations of College Writing I</i>	3	
Goal 2: Information Literacy; minimum 2 GEPs			
<i>EDFOUND 204</i>	<i>Educational Technology</i>	3	
Goal 3: Analysis, Quantitative Reasoning, & Problem Solving; minimum 5 GEPs, from minimum of 2 disciplines			
<i>CHEM 115</i>	<i>Chemistry for the Sciences I</i>	1	
<i>MATH 125</i>	<i>Calculus I</i>	2	
<i>MATH 126</i>	<i>Calculus II</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>Intro to Exceptional Individuals</i>	2	
Goal 5: Natural Sciences; minimum 5 GEPs, from minimum of 2 disciplines			
<i>CHEM 115</i>	<i>Chemistry for Sciences I</i>	3	
<i>EGGS 105</i>	<i>Environmental Issues & Choices</i>	1	
<i>MATH 125</i>	<i>Calculus I</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>EGGS 105</i>	<i>Environmental Issues & Choices</i>	1	
<i>PSYCH 101</i>	<i>General Psychology</i>	3	
Goal 7: Humanities; minimum 5 GEPs, from minimum of 2 disciplines; Select MUSIC 101 or THEATRE 102 or 103 to complete this goal.			
<i>ENGLISH ____</i>	<i>Literature (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)</i>	2	
<i>MUSIC 101 or THEATRE 102/103</i>	<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.			
<i>ASLTERP 155</i>	<i>American Sign Language I</i>	2	
<i>____ 102</i>	<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			
<i>EDFOUND 406</i>	<i>Multicultural Education</i>	1	
<i>SPECED 101</i>	<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.

