

B.S.ED.: EARTH & SPACE SCIENCE: 125-128 credits (Summer 2012>)

Student Name: _____ Student ID#: _____

Required by Earth and Space Science for Secondary Education Major (53 credits)			
Course Number	Course Title	Cr.	Plan
BIOLOGY 114	Concepts in Biology I	4	
CHEM 115	Chemistry for the Sciences I	4	
CHEM 116	Chemistry for the Sciences II	4	
EGGS 100	Intro. to Environmental Science	3	
EGGS 120	Physical Geology	4	
EGGS 130	Historical Geology	4	
EGGS 242	Map Use and Analysis	3	
EGGS 255	Meteorology	3	
EGGS 259	Oceanography	3	
EGGS 260	Earth Materials	4	
PHYSICS 110	Intro. to Astronomy	3	
Pick one	PHYSICS 111	4	
	PHYSICS 211		
Pick one	PHYSICS 112	4	
	PHYSICS 212		
Electives (6 credits minimum)			
EGGS 265	Geomorphology	4	
EGGS 320	Remote Sensing of the Earth	3	
EGGS 365	Intro to Paleontology	4	
EGGS 368	Stratigraphy & Sedimentation	4	
EGGS 369	Structural Geology	4	
EGGS 370	Surface Hydrology	3	
EGGS 420	Planetary Science	4	
EGGS 460	Aqueous Geochemistry	4	
EGGS 470	Groundwater Hydrology	3	
EGGS 480	Applied Geophysics	4	
EGGS 490	Special Topics in Geology	3	
EGGS 493	Senior Research	3	
MARSCI 250	Wetlands Ecology (or other approved Marine Science courses)	3	

Required by Education (40 credits)			
COMMSTUD 103/104	Public Speaking or Interpersonal Communication	3	
EDFOUND 204	Educational Technology	3	
EDFOUND 206	Teachers, Sch., & Soc.	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 ____	Math 123, 141, or EGGS 150	3	
MATH ____	Math 123, 141, or EGGS 150	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. w/ Disab.	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			
COMMSTUD 103/104	Public Speaking or Interpersonal Communication	3	
EDFOUND 291	Principles of Teaching	2	
ENGLISH 101	Foundations of College Writing I	3	
Goal 2: Information Literacy; minimum 2 GEPs			
EDFOUND 204	Educational Technology	3	
Goal 3: Analysis, Quantitative Reasoning, & Problem Solving; minimum 5 GEPs, from minimum of 2 disciplines			
BIOLOGY 114	Concepts in Biology I	1	
CHEM 115	Chemistry for the Sciences I	1	
EGGS 150	Quantitative Methods in Earth Sci.	3	
MATH ____	Math 123 or 141	3	
Goal 4: Cultures & Diversity; minimum 5 GEPs, from minimum of 2 disciplines			
EDFOUND 291	Principles of Teaching	1	
EDFOUND 406	Multicultural Education	2	
SPECED 101	Intro to Exceptional Individuals	2	
Goal 5: Natural Sciences; minimum 5 GEPs, from minimum of 2 disciplines			
BIOLOGY 114	Concepts in Biology I	3	
CHEM 115	Chemistry for Sciences I	3	
Goal 6: Social Sciences; minimum 5 GEPs, from minimum of 2 disciplines			
EDFOUND 206	Teachers, Schools, & Society	1	
PSYCH 101	General Psychology	3	
SPECED 275	Linking Assessment	1	
Goal 7: Humanities; minimum 5 GEPs, from minimum of 2 disciplines			
ENGLISH ____	Literature (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)	2	
MUSIC 101 or THEATRE 102/103	Music Listening or Introduction to Theatre or Theatre Appreciation	3	
Goal 8: Second Language Competency; minimum 2 GEPs			
ASLTERP 155	American Sign Language I	2	
____ 102	Competency test or any second language 102 level		
Goal 9: Physical Activity & Health; minimum 2 GEPs			
Goal 10: Responsible Citizenship; minimum 2 GEPs			
EDFOUND 406	Multicultural Education	1	
SPECED 101	Intro to Exceptional Individuals	1	

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

General Education Tally: Spreadsheet view see http://www.bloomu.edu/mycore/requirements for more info about GEPs General Education Requirements:			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 *
ASLTERP 155	American Sign Language 1		1							2		
BIOLOGY 114	Concepts in Biology				1		3					
CHEM 115	Chemistry for Sciences				1		3					
COMMSTUD 103/104	Public Speaking or Interpersonal Communication		3									
EDFOUND 204	Educational Technology			3								
EDFOUND 206	Teachers, Schools, and Society							1				
EDFOUND 291	Principles of Teaching		2			1						
EDFOUND 406	Multicultural Education					2						1
EGGS 100	Intro to Environmental Science						3					
EGGS 150	Quant. Methods in Earth Sciences				3							
ENGLISH 101	Foundations of College Writing I		3									
ENGLISH ____	Literature (151, 152, 156, 226, 227, 236, 237, 246, 247, or 257)		1						2			
MATH 123	Essentials of Calculus				3							
MATH 141	Introduction to Statistics				3							
MUSIC 101	Music Listening								3			
PHYSICS 110	Introduction to Astronomy						3					
PSYCH 101	General Psychology							3				
SPECED 101	Intro to Exceptional Individuals					2						1
SPECED 275	Linking Assessment			1	1			1				
THEATRE 102	Intro. To Theatre								3			
THEATRE 103	Theater Appreciation								3			
GEP Running Total (revise as needed) =												
Check here when GEP requirements met:												

*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.

Additional Notes on the Secondary Education Major:

Admission Packet, for Admission into the Teacher Education Program: due by 60 credits, signed by your Education advisor and submitted to Teacher Education Admission Packets Coordinator, McCormick 3103B.

Forms and information available from Education Studies, McCormick 1st floor.

- Eligible test scores:** After April 2, 2012: **PAPA (Pre-service Academic Performance Assessment)**
www.pa.nesinc.com: Reading, score of 220 Writing, score of 220 Math, score of 220
 or **Praxis I:** Academic Skills Assessment if taken on or before April 2, 2012 (and retakes until April 2, 2014):
 Reading, score of 172 Writing, score of 173 Mathematics, score of 173

- Cumulative GPA of 3.0, with a C or better** in all professional education and specialization courses.
- 6 credits of college-level math and 6 credits in English composition and literature**
- Completion of early field experience:** five days/30 hours, non-credit, w/ appropriate diversity in contexts: forms required
- Two recommendations** from Teacher Education faculty: standardized form required
- Professional liability insurance** (available through PSEA, at www.PSEA.org)
- Tuberculosis Screening** results, from a test taken within the last two years (likely repeated before student teaching).
- A resume** that follows the sample format: format available from Education Studies
- Criminal checks:** Act 34 (Criminal Record Check) Act 151 (Child Abuse History Check)
 Act 114 FBI Clearance: register at www.pa.cogentid.com; register under Department of Education; fingerprinting available at BU bookstore.
 Clearance are valid for 1 year for one year: will need to repeat before student teaching

Student Teaching—Placement Card and Eligibility Packet:

- Student Teaching Placement Card**—intent to student teach: **for fall** student teaching, due by **February**
for spring student teaching, due by **September**
- Student Teaching Eligibility Packet:** Download checklist and forms from the Student Teaching tab under Student Resources on the College of Education homepage.
- Student Teaching Eligibility Packet is due**, signed by your Education advisor, to the Student Teaching Placement Office, 3103B McCormick:
April 1 for fall student teaching
October 1 for spring student teaching