



Academic Planning Guide

Middle Education

Approved 10.22.12

Option Two – Science and Mathematics

First Year

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
BIB 101	3	BIB 102	3
INST 150	3	Literature elective (e.g. ENG 204)	3
ENG 102	3	<i>One of the following GE requirements:</i>	3
<i>One of the following GE requirements:</i>	3	• Western Tradition course	
• Western Tradition course		• Life Fitness course	
• Life Fitness course		MATH 150 Pre-calculus*	3
CHE 111/113 Applied Chemistry + lab	3-4	MATH 107 Math Perspectives for Educ	3
or CHE 115 Hands-on Chemistry		EDU 200 Fdns of Modern Education	3
Total Credits	15-16	Total Credits	18

Sophomore Year

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
BIO 151/151L General Biology I + lab	4	<i>One of the following GE requirements:</i>	3
CHE 111/113 Applied Chemistry + lab	3-4	• Justice course	
or CHE 115 Hands-on Chemistry		• Christian Thought course	
<i>One of the following GE requirements:</i>	3	EDU 209 Early Adolescent Development	3
• Justice course		ANTH 201 or GEOG 201	3
• Christian Thought course		BIO 152/152L General Biology II + lab	4
MATH 160 Calculus 1*	3	MATH 220 Statistics	3
EDU 211 Educational Psychology	3		
Take PRAXIS I (Reading, Writing & Math)			
Total Credits	16-17	Total Credits	16

Junior Year

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
EDU 306 Science & Health for Children (F.E. 20 hours)	3	Global Diversity course or HIS 201/202	3
EDU 201 Intro to Special Education	3	PHYS205/206 Physical Science for Middle level teachers	4
FA 300W Arts Integration in the Classroom	3	EDU 301 Inclusive Classrooms	3
Global Diversity course or HIS 201 or 202	3	BIO elective or ASTR 112/112L	3-4
MATH elective	3	EDU 382 Classroom Mgmt	3
Total Credits	15	Total Credits	16-17

Senior Year

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ASTR 111/111L The Solar System	4	EDU 410 Student Teaching	9
EDU 401 Literacy Foundations for Int	3	EDU 420 Practicum	3
EDU 384 Inclusive Education	3	EDU 418 Community & Family Collab	3
EDU 412 Teaching English as a 2 nd lang	3		
EDU 310 Math for the Teacher of Children	3		
Take PRAXIS II	3		
Total Credits	16	Total Credits	15

Total Credits – 125-126

*Students with a strong math background should consider taking Discrete Math (MATH240) and two additional math courses at the 200 level. MATH410 Teaching of Mathematics – Secondary Level is also strongly recommended.