

## Mathematics

### With Minor in Education - Optional Teaching Certification

Suggested Plan of Study

2010-2011 Catalog

Fall - Semester 1		Spring - Semester 2	
MATH 1525 Calculus I	5	MATH 1545 Calculus II	5
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
HIST 1003 or 1013 World History I or II	3	Humanities choice (ART 2013, HUM 2003, MUS 2013 or Foreign Language)	3
GSTD 1002 Freshman Seminar	2	Biological Science Choice/Lab (BSCI 1013/1011 or BIOL 1103/1101)	4
PHED 1501 Activity and Wellness	1	PHED 1 PE Activity	1
SPCH 1113 Introduction to Public Speaking	3		
<b>Total Semester Hours</b>	<b>17</b>	<b>Total Semester Hours</b>	<b>16</b>
Fall - Semester 3		Spring - Semester 4	
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSYC 2003, or SOC 1003 or 2003)	3	PSCI 2003 American Government: National	3
PHYS 2003/2001 General Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	PHYS 2013/2101 General Physics II/Lab or PHYS 2213/2211 University Physics II/Lab	4
EDUC 2003/2000 Introduction to Education and Field Experience I/Lab	3	ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3
Humanities choice (ART 2013, HUM 2003 or MUS 2013)	3	HIST 2013 or 2023 U.S. History I or II	3
MATH 2753 Linear Algebra	3	MATH 2033 Discrete Mathematics	3
<b>Total Semester Hours</b>	<b>16</b>	<b>Total Semester Hours</b>	<b>16</b>
Fall - Semester 5		Spring - Semester 6	
MATH 4123 History of Mathematics	3	UL MATH Elective (see list below)	3
CSCI 2103 Computer Science I	3	MATH 3063 Abstract Algebra	3
S ED 3003 Secondary and Middle School Curricula	3	MATH 4053 Higher Order Thinking in Mathematics	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	SPED 4073 Survey of Exceptional Individuals	3
Elective	2	CSCI 2113 Computer Science II	3
S ED 3113 M/M Secondary Math/Science	3		
<b>Total Semester Hours</b>	<b>17</b>	<b>Total Semester Hours</b>	<b>15</b>
Fall - Semester 7		Spring - Semester 8	
UL MATH Elective (see list below)	3	EDUC 4003 Student Teaching Seminar	3
MATH 4003 College Geometry	3	S ED 4006 Student Teaching I	6
MATH 4073 Introduction to Probability and Statistics	3	S ED 4103 Student Teaching II	3
EDUC 4043 Assessment, Evaluation and Measurement	3		
S ED 4023 Supervised Field Experience Level II	3		
<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>12</b>
Total hours required for major – 124			
MATH 3033 Differential Equations		MATH 4033 Complex Variables	
MATH 3083 Principles of Analysis		MATH 4043 Numerical Analysis	
MATH 4023 Point-Set Topology		MATH 4613 Special Topics	