

B. S. - Mathematics

Suggested Plan of Study

2009-2010 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
Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3	Biological Science Choice/Lab (BSCI 1013/1011 or BIOL 1103/1101)	4
GSTD 1002 Freshman Seminar	2		
PHED 1501 Activity and Wellness	1		
Total Semester Hours	17	Total Semester Hours	15
Fall - Semester 3		Spring - Semester 4	
MATH 2563 Calculus III	3	Social Science choice (ECON 2103 or FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, or SOC 1003 or 2003)	3
CHEM 1013/1011 College Chemistry I/Lab or CHEM 1023/1021 University Chemistry I/Lab or PHYS 2203/2201 University Physics I/Lab	4	CHEM 1113/1111 College Chemistry II/Lab or CHEM 1123/1121 University Chemistry I/Lab or PHYS 2213/2211 University Physics II/Lab	4
SPCH 1113 Introduction to Public Speaking	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
PHED 1 1 PE Activity	1	MATH 2753 Linear Algebra	3
Total Semester Hours	14	Total Semester Hours	16
Fall - Semester 5		Spring - Semester 6	
Elective	3	MATH 3033 Differential Equations	3
UL MATH Elective	3	MATH 3063 Abstract Algebra	3
CSCI 2103 Computer Science I	3	UL Math Elective	3
Minor Requirement or Elective	3	CSCI 2113 Computer Science II or FL	3
ENGL 2213 World Literature I or ENGL 2223 World Literature II or PHIL 2403 Introduction to Philosophy	3	UL Minor Requirement or Elective	6
Total Semester Hours	15	Total Semester Hours	18
Fall - Semester 7		Spring - Semester 8	
MATH 3083 Principles of Analysis	3	UL Electives	4
UL MATH Elective	3	Elective	7
UL MATH Elective	3	UL Minor Requirement or Elective	3
UL Minor Requirement or Electives	6		
Total Semester Hours	15	Total Semester Hours	14

Total hours required for major – 124

MATH Electives

MATH 4003 College Geometry	MATH 4073 Introduction to Probability and Statistics
MATH 4023 Point-Set Topology	MATH 4123 History of Mathematics
MATH 4033 Introduction to Complex Variables	MATH 4613 Special Topics
MATH 4043 Numerical Analysis	

Note: If student chooses Foreign Language in the Humanities choice, then student may choose between CSCI 2113 or Foreign Language in semester (6) six.