

MATHEMATICS PROPOSED PROGRAM OF STUDY

		Fall Semester			Spring Semester		
		Course	Course Title	Hrs.	Course	Course Title	Hrs.
Freshman		MA 125	Calculus 1	4	MA 126	Calculus 2	4
		EH 101	English Composition I	3	EH 102	English Composition II	3
		HY 101	Western Civilization I	3	HY 102	Western Civilization II	3
		ARH 101	The Art Experience	3	CS 201	Intro. to Object-Oriented Programming	4
			Total Credits:		16		Total Credits:
Sophomore		MA 227	Calculus 3	4	MA 252	Intro. to Differential Equatons	3
		EH 216	Introduction to Literature	3	MA 361	Intro. to Mathematical Modeling	3
					CS 250	Discrete Structures	3
		PH 221	General Physics I	4			
		CS 302	Object Oriented Programming	4	PHL 100	Intro to Philosophy	3
			Total Credits:		15		Total Credits:
Junior		MA 434	Algebra I: Linear	3	MA 435	Algebra II: Modern	3
		MA 485	Intro. to Probability	3	MA 486	Intro. to Statistics	3
		CM 101	Public Speaking	3	EC 210	Principles of Microeconomics	3
		CS 303	Algorithms & Data Structures	4	CS 334	Internetworking & Intranets	3
		PY 101	Intro to Psychology	3	PHL 115	Contemporary Moral Issues	3
			Total Credits:		16		Total Credits:
Senior		MA 440	Advanced Calculus I	3	MA 441	Advanced Calculus II	3
		MA 472	Geometry I	3	XXX	General Electives	12
		MA 311/XXX*	History of Mathematics or General Elective	3			
		CS 410	Databse Management Systems	3			
		XXX	General Elective	3			
			Total Credits:		15		Total Credits:

- Education majors take MA 311 as an additional mathematics course.
- Above sample programs assumes a minor in computer science; any minor will do.