

MATHEMATICS (MATHEMATICAL REASONING TRACK) PROPOSED PROGRAM OF STUDY

		Fall Semester			Spring Semester			
		Course	Course Title	Hrs.	Course	Course Title	Hrs.	
Freshman		MA 105	Precalculus Algebra	3	MA 110	Finite Mathematics	3	
		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	
		CS 101	Computing Fundamentals	3	EDU 200	Intro. to Education	2	
			Total Credits:		15		Total Credits:	
Sophomore		MA106	Precalculus Trigonometry	3	MA 125	Calculus I	4	
		EH 216	Intro. to Literature	3	PHL 100	Intro. to Philosophy	3	
					ECY 300	Intro. to Special Education	3	
		EDT 300	Teaching & Technology	3				
		PY 101	Intro. to Psychology	3	PH 201	College Physics I	4	
		CM 101	Public Speaking	3	EDF 362	Foundations of Education I	3	
		Total Credits:		15		Total Credits:		16
Junior		MA 311	History of Mathematics	3	MA 361	Intro to Modeling	3	
		MA 313	Patterns, Functions & Alg Reasoning	3	MA 314	Geometric and Proportional Reasoning	3.	
		PH 202	College Physics II	4	HPE 200	Quality of Life	2	
		EDR 363	Foundations of Education II	3	EDUC XXX	Education major course	3	
		EDUC XXX	Education major course	3	EDU XXX	Education major courses	6	
			Total Credits:		16		Total Credits:	
Senior		MA 472	Geometry I	3	MA 412	Connecting Mathematics to Science & Technology	3	
		MA 411	Integrating Mathematical Ideas	3	EDUC XXX	Education major courses	10	
		SOC 100	Intro to Sociology	3				
		EDUC XXX	Education major courses	7				
			Total Credits:		16		Total Credits:	

- A major in education with a middle school emphasis is recommended for this track.