MATHEMATICS MAJOR WITH A/YA LICENSURE
Starting with Calculus 1 in Odd Years
Four Year Plan

This is a suggested program guide. It is not to be interpreted as a contract. Changes may occur. Please see your program advisor before you register for courses. Reviewed 8/23

YEAR	FALL		SPRING	
First Year	BENV100 Becoming a Scholar	3	Writing Well Competency	3
	EDU 200 Introduction to Teaching	*3*	Elective	3
	EDU 205 Field Experience	*1*	*EDU 220 Curriculum & Assessment*	*2*
	CPS 108 Computer Programming	**3**	Speaking and Listening Competency	3
	MAT 135 Calculus 1	**5**	**MAT 136 Calculus 2**	**5**
	Total	15	Total	16
Second Year	Creative Expression Competency	3	Living Well Competency	2-3
	Understanding Self and Society Competency	3	*EDU 353 Educational Psychology/Instr Pract*	*3*
	MAT 220 Discrete Mathematics	**3**	Reading the Bible Competency	3
	MAT 225 Multivariate Calculus	**3**	**MAT 230 Linear Algebra**	**3**
	Elective	5	**MAT 211 Introductory Geometry**	**3**
	Total	17	Total	14-15
Third Year	*EDU 404 Integrated Methods**	*2*	Exploring the Past Competency	3
	MAT 332 Abstract Algebra *	**3**	Scientific Inquiry Competency **OR**	4
	MAT 401 Analysis *	**3**	PHY 211 Physics for Sci/Eng 1 (recommended)	(5)
	MAT 380 Mathematics Seminar*	***2***	BENV300 Cross-cultural Experience	3
	EDU 332 Soc. & Phil. Issues in Education	*3*	**MAT 340 Probability and Statistics**	**3**
	EDU 333 Urban Education Seminar	*1*	*SED 228 Intro to Mild/Moderate*	*3*
	Total	14	Total	16-17
Fourth Year	Religious Understanding Competency	3	*EDU 415 Pre Student Teaching Seminar*	*1*
	BENV400 Enduring Values Capstone	2	*EDU 451 Student Teaching*	*13*
	EDU 305 Content Area Literacy/Gen Meth	*3*	Total	14
	MAT 312 Advanced Geometry *	**3**		
	MAT 350 Differential Equations & Modeling *	**3**		
	MAT 360 Operations Research *	**3**		
	Total	17		

MAT 135 and MAT 220 satisfy the Critical Analysis Competency

124 total hours to complete graduation requirements (this includes 2 hours of arts and lecture credit)
Boldface print denotes major course requirement
Italic print denotes educator preparation courses
*Alternate year courses: MAT332, MAT401, MAT 380, and EDU 404 in odd-numbered years
MAT312, MAT350, and MAT360 in even-numbered years