



MATHEMATICS MAJOR WITH AYA LICENSURE

Starting with Precalculus 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 6/24

YEAR	FALL	SPRING		
First Year	BENV100 Becoming a Scholar	3	Writing Well Competency	3
	<i>EDU 200 Introduction to Teaching</i>	3	Reading the Bible Competency	3
	<i>EDU 205 Field Experience</i>	1	Creative Expression Competency	3
	PSY 110 Introduction to Psychology	3	<i>ENG 155 Fund Rdg/Writing (if needed or elective)</i>	3
	CPS 108 Computer Programming	3	MAT 135 Calculus 1	5
	MAT 114 Precalculus	4	Total	17
	Total	17		
Second Year	Speaking and Listening Competency	3	Living Well Competency	2-3
	<i>EDU 220 Curriculum & Assessment</i>	2	<i>SED 228 Intro to Mild/Moderate</i>	3
	<i>EDU 332 Soc. & Phil. Issues in Education</i>	3	MAT 136 Calculus 2	5
	<i>EDU 333 Urban Education Seminar</i>	1	MAT 230 Linear Algebra	3
	MAT 220 Discrete Mathematics	3	MAT 211 Introductory Geometry	3
	MAT 225 Multivariate Calculus	3	Total	16-17
	Elective	1		
Total	16			
Third Year	MAT 332 Abstract Algebra *	3	Religious Understanding Competency	3
	MAT 401 Analysis *	3	Scientific Inquiry Competency	4
	MAT 380 Mathematics Seminar*	2	<i>EDU 353 Educational Psychology/Instr Pract</i>	3
	<i>EDU 404 Integrated Methods: Math*</i>	2	BENV300 Cross-cultural Experience	3
	Elective	3	MAT 340 Probability and Statistics	3
	Total	13	Total	16
Fourth Year	Exploring the Past Competency	3	BENV400 Enduring Values Capstone	2
	<i>EDU 305 Content Area Literacy/Gen Meth</i>	3	<i>EDU 451 Student Teaching</i>	13
	<i>EDU 416 Pre Student Teaching Seminar</i>	1	Total	15
	MAT 312 Advanced Geometry *	3		
	MAT 350 Differential Equations & Modeling *	3		
	MAT 360 Operations Research *	3		
	Total	16		

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

MAT 135 and MAT 220 satisfy the Critical Analysis Competency.

PSY 110 Satisfies the Understanding Self and Society Competency.

BENV 200 Learning in Community is satisfied by fulfilling major courses EDU 205 Field Experience,

EDU 332 Social and Philosophical Issues in Education, and EDU 333 Urban Education Seminar.