



MATHEMATICS MAJOR WITH A/YA LICENSURE

Starting with Precalculus in Even 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	<i>EDU 220 Curriculum & Assessment</i>	2
	<i>PSY 110 intro to Psych</i>	3	ENG 115 Fund Rdg/Writing or Elective	3
	CPS 108 Computer Programming	3	MAT 135 Calculus 1	5
	MAT 114 Precalculus	4	Total	16
	Total	17		
Second Year	Speaking and Listening Competency	3	Living Well Competency	2-3
	<i>EDU 332 Soc. & Phil. Issues in Education</i>	3	<i>SED 228 Intro to Mild/Moderate</i>	3
	<i>EDU 333 Urban Education Seminar</i>	1	MAT 136 Calculus 2	5
	MAT 220 Discrete Mathematics	3	MAT 230 Linear Algebra	3
	MAT 225 Multivariate Calculus	3	MAT 211 Introductory Geometry	3
	Elective	1	Total	16-17
	Total	14		
Third Year	Exploring the Past Competency	3	Religious Understanding Competency	3
	Creative Expression Competency	3	Scientific Inquiry Competency	4
	MAT 312 Advanced Geometry *	3	BENV300 Cross-cultural Experience	3
	MAT 350 Differential Equations & Modeling *	3	MAT 340 Probability and Statistics	3
	MAT 360 Operations Research *	3	<i>EDU 353 Educational Psychology/Instr Pract</i>	3
	Total	15		
	Total		16	
Fourth Year	<i>EDU 404 Integrated Methods: Math*</i>	2	BENV400 Enduring Values Capstone	2
	<i>EDU 305 Content Area Literacy/Gen Meth</i>	3		
	<i>EDU 416 Pre Student Teaching Seminar</i>	1	<i>EDU 451 Student Teaching</i>	13
	MAT 332 Abstract Algebra *	3	Total	15
	MAT 401 Analysis *	3		
	MAT 380 Mathematics Seminar*	2		
	Total	17		

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.