



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 8/23

YEAR	FALL	SPRING
First Year	BENV100 Becoming a Scholar 3 <i>EDU 200 Introduction to Teaching</i> 3 <i>EDU 205 Field Experience</i> 1 CPS 108 Computer Programming 3 MAT 114 Precalculus 4 Total 14	Writing Well Competency 3 Reading the Bible Competency 3 Creative Expression Competency 3 <i>EDU 220 Curriculum & Assessment</i> 2 MAT 135 Calculus 1 5 Total 16
Second Year	Speaking and Listening Competency 3 <i>EDU 332 Soc. & Phil. Issues in Education</i> 3 <i>EDU 333 Urban Education Seminar</i> 1 MAT 220 Discrete Mathematics 3 MAT 225 Multivariate Calculus 3 Elective 1 Total 14	Living Well Competency 2-3 <i>EDU 353 Educational Psychology/Instr Pract</i> 3 MAT 136 Calculus 2 5 MAT 230 Linear Algebra 3 MAT 211 Introductory Geometry 3 Total 16-17
Third Year	Exploring the Past Competency 3 Understanding Self and Society Competency 3 MAT 312 Advanced Geometry * 3 MAT 350 Differential Equations & Modeling * 3 MAT 360 Operations Research * 3 Total 15	Religious Understanding Competency 3 Scientific Inquiry Competency 4 BENV300 Cross-cultural Experience 3 MAT 340 Probability and Statistics 3 <i>SED 228 Intro to Mild/Moderate</i> 3 Total 16
Fourth Year	<i>EDU 404 Integrated Methods: Math*</i> 2 <i>EDU 305 Content Area Literacy/Gen Meth</i> 3 MAT 332 Abstract Algebra * 3 MAT 401 Analysis * 3 MAT 380 Mathematics Seminar* 2 Elective 3 Total 16	BENV400 Enduring Values Capstone 2 <i>EDU 416 Pre Student Teaching Seminar</i> 1 <i>EDU 451 Student Teaching</i> 13 Total 16

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