



MATHEMATICS MAJOR WITH AYA LICENSURE

Starting with Calculus 1 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 7/20

YEAR	FALL	SPRING
First Year	BENV100 <i>Becoming a Scholar</i> 3 EDU 200 <i>Introduction to Teaching</i> 3 EDU 205 <i>Field Experience</i> 1 CPS 108 Computer Programming 3 MAT 135 Calculus 1 5 Total 15	Writing Well Competency 3 Elective 3 EDU 220 <i>Curriculum & Assessment</i> 2 Speaking and Listening Competency 3 MAT 136 Calculus 2 5 Total 16
Second Year	BENV200 <i>Learning in Community</i> 5 Creative Expression Competency 3 Understanding Self and Society Competency 3 MAT 220 Discrete Mathematics 3 MAT 225 Multivariate Calculus 3 Total 17	Living Well Competency 2 EDU 353 <i>Educational Psychology/Instr Pract</i> 3 Reading the Bible Competency 3 Elective 3 MAT 230 Linear Algebra 3 MAT 211 Introductory Geometry 3 Total 17
Third Year	Religious Understanding Competency 3 MAT 332 Abstract Algebra * 3 MAT 401 Analysis * 3 MAT 380 Mathematics Seminar* 2 EDU 332 <i>Soc. & Phil. Issues in Education</i> 3 EDU 333 <i>Urban Education Seminar</i> 1 Total 15	Exploring the Past Competency 3 Scientific Inquiry Competency OR 4 PHY 211 <i>Physics for Sci/Eng 1 (recommended)</i> 5 BENV300 <i>Cross-cultural Experience</i> 3 MAT 340 Probability and Statistics 3 SED 228 <i>Intro to Mild/Moderate</i> 2 Total 15
Fourth Year	BENV400 <i>Christian Values in a Global Comm.</i> 2 EDU 404 <i>Integrated Methods</i> 2 EDU 305 <i>Content Area Literacy/Gen Meth</i> 3 MAT 312 Advanced Geometry * 3 MAT 350 Differential Equations & Modeling * 3 MAT 360 Operations Research * 3 Total 16	EDU 415 <i>Special Methods 2</i> 2 EDU 451 <i>Student Teaching</i> 10 EDU 425 <i>Leadership Seminar</i> 2 Total 14

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, and MAT 380 in odd-numbered years
 MAT312, MAT350, and MAT360 in even-numbered years

EDU 404 is offered fall semester of odd years.

MAT 135 satisfies Critical Analysis Competency