



MATHEMATICS MAJOR WITH AYA 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 8/22**

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

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