



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 6/24**

YEAR	FALL	SPRING
First Year	BENV100 Becoming a Scholar 3 Speaking and Listening Competency 3 <i>PSY 110 Introduction to Psychology</i> 3 CPS 108 Computer Programming 3 MAT 135 Calculus 1 5 Total 17	Writing Well Competency 3 ENG 155 Fund Rdg/Writing or Elective 3 <i>EDU 220 Curriculum & Assessment</i> 2 <i>EDU 200 Introduction to Teaching</i> 3 <i>EDU 205 Field Experience</i> 1 MAT 136 Calculus 2 5 Total 17
Second Year	Creative Expression Competency 3 MAT 220 Discrete Mathematics 3 MAT 225 Multivariate Calculus 3 Elective 5 Total 17	Living Well Competency 2-3 Reading the Bible Competency 3 MAT 230 Linear Algebra 3 MAT 211 Introductory Geometry 3 <i>SED 228 Intro to Mild/Moderate</i> 3 Total 14-15
Third Year	Religious Understanding Competency 3 MAT 312 Advanced Geometry * 3 MAT 350 Differential Equations & Modeling * 3 MAT 360 Operations Research * 3 <i>EDU 332 Soc. & Phil. Issues in Education</i> 3 <i>EDU 333 Urban Education Seminar</i> 1 Total 16	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 <i>EDU 353 Educational Psychology/Instr Pract</i> 3 Total 16-17
Fourth Year	BENV400 Enduring Values Capstone 2 <i>EDU 404 Integrated Methods*</i> 2 <i>EDU 305 Content Area Literacy/Gen Meth</i> 3 <i>EDU 416 Pre Student Teaching Seminar</i> 1 MAT 332 Abstract Algebra * 3 MAT 401 Analysis * 3 MAT 380 Mathematics Seminar* 2 Total 16	<i>EDU 451 Student Teaching</i> 13 Total 13

124 total hours to complete graduation requirements (this includes 2 hours of arts and lecture credit)

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.

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