



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 <i>EDU 200 Introduction to Teaching</i> 3 <i>EDU 205 Field Experience</i> 1 <i>PSY 110 intro to Psych</i> 3 CPS 108 Computer Programming 3 MAT 114 Precalculus 4 Total 17	Writing Well Competency 3 Reading the Bible Competency 3 <i>EDU 220 Curriculum & Assessment</i> 2 ENG 115 Fund Rdg/Writing or Elective 3 MAT 135 Calculus 1 5 Total 16
Second Year	Speaking and Listening Competency 3 Living Well Competency 2-3 <i>EDU 332 Soc. & Phil. Issues in Education</i> 3 <i>EDU 333 Urban Education Seminar</i> 1 MAT 220 Discrete Mathematics 3 Elective 1 Total 14-15	<i>SED 228 Intro to Mild/Moderate</i> 3 MAT 136 Calculus 2 5 MAT 230 Linear Algebra 3 MAT 211 Introductory Geometry 3 MAT 225 Multivariate Calculus 3 Total 17
Third Year	Exploring the Past Competency 3 Creative Expression 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>EDU 353 Educational Psychology/Instr Pract</i> 3 Total 16
Fourth Year	<i>EDU 404 Integrated Methods: Math*</i> 2 <i>EDU 309 Rdg/Writing in the Content Areas</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 17	BENV400 Enduring Values Capstone 2 <i>EDU 451 Student Teaching</i> 13 Total 15

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.