



## 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 7/20**

YEAR	FALL	SPRING
First Year	BENV100 Becoming a Scholar 3	Writing Well Competency 3
	<i>EDU 200 Introduction to Teaching*</i> 3	Reading the Bible Competency 3
	<i>EDU 205 Field Experience*</i> 1	Creative Expression Competency 3
	Speaking and Listening Competency 3	<i>EDU 220 Curriculum &amp; Assessment</i> 2
	<b>CPS 108 Computer Programming</b> 3	<b>MAT 135 Calculus 1</b> 5
	<b>MAT 114 Precalculus</b> 4	
	Total 17	Total 16
Second Year	BENV200 Learning in Community 5	Living Well Competency 2-3
	<i>EDU 332 Soc. &amp; Phil. Issues in Education</i> 3	<i>EDU 353 Educational Psychology/Instr Pract</i> 3
	<i>EDU 333 Urban Education Seminar</i> 1	<b>MAT 136 Calculus 2</b> 5
	<b>MAT 220 Discrete Mathematics</b> 3	<b>MAT 230 Linear Algebra</b> 3
	<b>MAT 225 Multivariate Calculus</b> 3	<b>MAT 211 Introductory Geometry</b> 3
	Total 15	Total 16
Third Year	Exploring the Past Competency 3	Religious Understanding Competency 3
	<b>MAT 332 Abstract Algebra *</b> 3	Scientific Inquiry Competency 4
	<b>MAT 401 Analysis *</b> 3	BENV300 Cross-cultural Experience 3
	Understanding Self and Society Competency 3	<b>MAT 340 Probability and Statistics</b> 3
	<b>MAT 380 Mathematics Seminar*</b> 2	<i>SED 228 Intro to Mild/Moderate</i> 2
	Total 14	Total 15
Fourth Year	<i>EDU 404 Integrated Methods: Math</i> 2	BENV400 Christian Values in a Global Comm. 2
	<i>EDU 305 Content Area Literacy/Gen Meth</i> 3	<i>EDU 415 Special Methods 2</i> 2
	<b>MAT 312 Advanced Geometry *</b> 3	<i>EDU 451 Student Teaching</i> 10
	<b>MAT 350 Differential Equations &amp; Modeling *</b> 3	<i>EDU 425 Leadership Seminar</i> 2
	<b>MAT 360 Operations Research *</b> 3	
	Total 14	Total 16

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

MAT 135 satisfies Critical Analysis Competency.

EDU 404 is offered fall semester of odd years.