



**BACHELOR of ARTS in MATHEMATICS (#728)**  
**Non-teacher certifiable**  
 Department of Mathematics  
 Ogden College of Science and Engineering  
 Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

**Success Markers**

**SAMPLE - 4 year plan**

<b>FIRST YEAR</b>	<b>Fall Semester</b>		<b>Spring Semester</b>	
	<i>Visit <a href="#">The Learning Center</a> for free tutoring</i>	MATH 136 – Calculus I (F-Quantitative Reasoning)	4	MATH 137 - Calculus II
CS 180 – Computer Science I		4	Minor course	3
ENG 100 – Introduction to College Writing (F-College Composition)		3	COMM 145 – Fundamentals of Public Speaking and Communication (F-Human Communication)	3
Colonnade (E-Natural & Physical Science, with lab)		3-5	HIST 101 – World History I <b>OR</b> HIST 102 – World History II (F-World History)	3
			Colonnade (E-Social & Behavioral Sciences)	3
<b>TOTAL CREDIT HOURS</b>		<b>14-16</b>	<b>TOTAL CREDIT HOURS</b>	<b>16</b>

<b>SECOND YEAR</b>	<b>Fall Semester</b>		<b>Spring Semester</b>	
	MATH 237 – Multivariable Calculus	4	MATH 310 – Discrete Math	3
MATH 307 - Linear Algebra	3	Minor Elective	3	
Minor course	3	Colonnade (C-Social to Cultural)	3	
Colonnade (E-Natural & Physical Sciences)	3	Colonnade (E-Arts & Humanities)	3	
ENG 200 – Introduction to Literature (F-Literary Studies)	3	Foreign Language	3	
<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	

<b>WINTER TERM</b>	<b>Winter Term</b>	
	<i>Why not <a href="#">Study Abroad?</a></i>	
<b>TOTAL CREDIT HOURS</b>		

THIRD YEAR  <i>Visit <a href="#">Career Services</a></i>	Fall Semester		Spring Semester	
	MATH 317 – Introduction to Algebraic Systems	3	MATH 337 – Elements of Real Analysis	3
	MATH Elective (300/400 level*)	3	MATH Elective (300/400 level*)	3
	Minor Course	3	Minor Course	3
	Colonnade (F-Writing in the Disciplines)	3	Colonnade (C-Systems)	3
	Colonnade (C-Local to Global)	3	General Elective	3
	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

SUMMER TERM	Summer Term
	It is <b>STRONGLY</b> recommended to pursue an internship in your prospective career field after the third year.

FOURTH YEAR  <i>Apply for <a href="#">Graduation</a></i>  <i>Celebrate</i>	Fall Semester		Spring Semester	
	MATH Elective (300/400 level*)	3	MATH Elective (300/400 level*)	3
	Minor Course	3	MATH 498 – Senior Seminar	3
	General Elective or Minor Course	3	Minor Course	3
	General Electives	6	General Electives	3-5
	<b>TOTAL CREDIT HOURS</b>	<b>15</b>	<b>TOTAL CREDIT HOURS</b>	<b>12-14</b>

**Total Credit Hours: 120**

\* Two courses from MATH 405, 406, 415, 417, 423, 431, 435, 439, 450, 470, 473, 482. Six more hours from MATH 275 (up to 3 hours), STAT 301, MATH 305, 315, 323, 331, 370, 371, 382, 398 (up to 3 hours), 405, 406, 415, 417, 423, 435, 439, 450, 470, 475 (up to 6 hours), 482.

**PLEASE NOTE:** Prerequisites, Course Numbers, and Course Titles are subject to change.

Consult your advisor each semester.

Course Descriptions may be viewed at <http://www.wku.edu/catalog>

**For more Information:**

**Department:** Mathematics

**Website:** [www.wku.edu/math](http://www.wku.edu/math)

**Phone:** (270)745-3651

**Email:** [math@wku.edu](mailto:math@wku.edu)

Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>