



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

The following four-year plan is an example of how to map your program in consultation with your faculty advisor. Every student will finish with a unique plan of his/her own depending on the electives selected.

Success Markers

SAMPLE - 4 year plan

FIRST YEAR	Fall Semester		Spring Semester	
	MATH 136 – Calculus I (F-QR)	4	MATH 137* - Calculus II	4
	CS 180 – Computer Science I	4	Minor course	3
	ENGL 100 Introduction to College Writing (F-W1)	3	COMM 145 Fund of Public Speaking and Communication (F-OC)	3
	Natural & Physical Science & Lab (E-NS, SB)	4	HIST 101 World History I OR HIST 102 World History II (F-SB)	3
			Social & Behavioral Studies (E-SB)	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16

SECOND YEAR	Fall Semester		Spring Semester	
	MATH 237 – Multivariable Calculus	4	MATH 310 – Discrete Math	3
	MATH 307* - Linear Algebra	3	Minor Elective	3
	Minor course	3	Connections: Social & Cultural (K-SC)	3
	Natural & Physical Science (E-NS)	3	Arts & Humanities (E-AH)	3
	ENG 200 Intro to Literature (F-AH)	3	World Language, if needed, OR General Elective	3
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15

World Language Proficiency: All students entering in fall 2014 or later must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours. Novice high is the ability to communicate in writing and speaking on familiar topics in simple sentences. To meet this requirement, students may take college language courses or take a proficiency test. For more information go to: [World Language Proficiency](#).

Colonnade Program: All students entering in fall 2014 or later must complete 39 hours in 13 specific Colonnade areas. Colonnade areas are listed in parentheses marked in blue after the corresponding classes. Some areas may have specific course requirements while others can be chosen from selected lists of options. For more details and to see lists of options, go to [Colonnade Requirements](#).

THIRD YEAR	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
	ENG 300 Writing in the Disciplines (F-W2)	3	Connections: Systems (K-SY)	3
	Connections: Local to Global (K-LG)	3	General Elective	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

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

FOURTH YEAR	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	4
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	13

Total Credit Hours:120

* Denotes prerequisite courses before admission

** 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 ADDITIONAL INFORMATION, PLEASE CONTACT:

Department: Mathematics

Website: www.wku.edu/math

Phone: (270)745-3651

Email: math@wku.edu

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

