



BACHELOR of SCIENCE 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.

SAMPLE – Finish in Four Plan

FIRST YEAR			
Fall Semester		Spring Semester	
MATH 136 – Calculus I (F-Quantitative Reasoning)	4	MATH 137 - Calculus II	4
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 OR HIST 102 – World History II (F-World History)	3
		Colonnade (E-Social & Behavioral Sciences)	3
TOTAL CREDIT HOURS	14-16	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	Colonnade (C-Social & 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
TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15

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
Colonnade (F-Writing in the Disciplines)	3	Colonnade (C-Systems)	3
Colonnade (C-Local to Global)	3	General Elective	3
TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

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	3-5
TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	12-14

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.

For more details and courses offered in the Colonnade General Education program visit the [website](#).

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

For more Information:

Department: Mathematics

Website: www.wku.edu/math

Phone: (270)745-3651

Email: math@wku.edu

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