BACHELOR of ARTS in Mathematics with a Concentration in Teaching (#728/#774)
Ogden College of Science and Education
Mathematics Department
College of Education and Behavioral Sciences
School of Teacher Education
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 - 4 year plan

Success Markers

FIRST YEAR	Fall Semester		Spring Semester	
	MATH 136 – Calculus I (F-QR)	4	MATH 137 – Calculus II	4
	ENG 100 Intro to College Writing (F-W1)	3	Natural & Physical Sciences w/ lab (E-NS, LS)	4
	HIST 101 World History I OR HIST 102 World History II (F-SB)	3	COMM 145 Intro to Public Speaking (F-OC)	3
	CS 170 – Problem Solving and Programming	3	SMED 102 Step 2: Intro to Inquiry Based Lesson Design	2
	SMED 101 Step 1: Intro to Inquiry Based Teaching (E-SB)	1	World Language (if needed) **OR** General Elective	3
	TOTAL CREDIT HOURS	**14**	**TOTAL CREDIT HOURS**	**16**

SECOND YEAR	Fall Semester		Spring Semester	
	MATH 307 – Linear Algebra	3	MATH 310 – Discrete	3
	MATH 237 – Multivariable	4	STAT 301 – Introductory Probability and Applied Stats	3
	SMED 310 Knowing & Learning	3	Natural & Physical Sciences w/ lab (E-NS)	3
	ENGL 200 Intro to Literature Studies (F-AH)	3	SMED 320 Classroom Interactions	3
	Arts & Humanities (E-AH)	3	SPED 330 Intro to Exceptional Education: Diversity in Learning	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 www.wku.edu/modernlanguages/placement/.

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 http://www.wku.edu/colonnade/documents/approved_colonnade_courses_website.pdf

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THIRD YEAR	Fall Semester		Spring Semester	
	MATH 304 – Functions, Applications, and Explorations	3	MATH 317 – Intro to Algebraic Systems	3
	MATH 323 – Geometry I	3	MATH 400 Elective	3
	SMED 340 Perspectives on Science and Mathematics	3	SMED 360 Research Methods for Science and Math Teachers	3
	Connections: Social & Cultural (K-SC)	3	Connections: Local to Global (K-LG)	3
	ENGL 300 Writing in the Disciplines (F-W2)	3	General Elective	3
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

FOURTH YEAR	Fall Semester		Spring Semester	
	MATH 498 – Senior Seminar	3	SEC 490 Student Teaching	10
	SMED 470 Project Based Instruction	3	SMED 489 Student Teaching Seminar	3
	LTCY 421 – Reading Middle/Secondary Grade	3		
	Connections: Systems (K-SY)	3		
	General Elective	3		
	General Elective	3		
	TOTAL CREDIT HOURS	**18**	**TOTAL CREDIT HOURS**	**13**
			Total Credit Hours: 122	

* Denotes prerequisite courses before program admission
Student must receive a "C" or better in each PROFESSIONAL EDUCATION COURSE.

Students must register, pay, and pass Praxis II exams during this fall semester prior to student teaching. Tests are given by the ETS during November in the fall. Check the EPSB website for specific tests for your areas of certification. Students cannot be recommended for certification until all Praxis Ii exams required receive passing scores.

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