BACHELOR of SCIENCE in Science and Math Education #676
with Concentration in Geology, Earth & Space Science

School of Teacher Education

College of Education and Behavioral Sciences

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

FIRST YEAR	Fall Semester		Spring Semester	
	GEOL 111/113 The Earth & Lab (E-NS, SL)	4	GEOL 112/114 Earth History & Lab (E-NS)	4
	MATH 116 College Algebra (F-QR)	3	GEOL 308 Structural Geology & lab	4
	ASTR 104 Solar System	3	ASTR 106 Stellar System	3
	ENG 100 Intro to College Writing (F-W1)	3	Arts & Humanities (E-AH)	3
	HIST 101 World History I OR HIST 102 World History II (F-SB)	3	SMED 102 Step 2: Intro to Inquiry Based Lesson Design	2
	SMED 101 Step 1: Intro to Inquiry Based Teaching (E-SB)	1		
	TOTAL CREDIT HOURS	**17**	**TOTAL CREDIT HOURS**	**16**

SECOND YEAR	Fall Semester		Spring Semester	
	GEOL 325 Rocks & Min	3	GEOL 311 Oceanography	3
	GEOG 121 Meteorology	3	PHYS 201 College Physics I	4
	ENGL 200 Intro to Literature Studies (F-AH)	3	ENGL 300 Writing in the Disciplines (F-W2)	3
	COMM 145 Intro to Public Speaking (F-OC)	3	World Language (if needed) **OR** General Elective	3
	SMED 310 Knowing & Learning	3	SMED 320 Classroom Interactions	3
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**16**

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

THIRD YEAR	Fall Semester		Spring Semester	
	GEOL 380 Intro Field Tech	3	GEOL 460 Sed & Strat	3
	GEOL approved elective	3	GEOL 499 Prof Prep	2
	SMED 340 Perspectives on Science and Mathematics	3	ASTR 405 Physics for Teachers	3
	SPED 330 Intro to Exceptional Education: Diversity in Learning	3	General Elective	3
	General Elective	3	Connections: Social & Cultural (K-SC)	3
	General Elective	1	SMED 360 Research Methods for Science and Math Teachers	3
		16	**TOTAL CREDIT HOURS**	**17**

FOURTH YEAR	Fall Semester		Spring Semester	
	GEOL approved elective	3	SEC 490 Student Teaching	10
	Connections: Local to Global (K-LG)	3	SMED 489 Student Teaching Seminar	3
	Connections: Systems (K-SY)	3		
	SMED 470 Project Based Instruction	3		
	TOTAL CREDIT HOURS	**12**	**TOTAL CREDIT HOURS**	**13**
			Total Credit Hours: 120	

* 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.