



**BACHELOR of SCIENCE in Science and Math Education #676
with Concentration in General Geosciences**

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
	CHEM 105/106 (E-NS, SL)	4	COMM 145 Intro to Public Speaking (F-OC)	3
	ENG 100 Intro to College Writing (F-W1)	3	HIST 101 World History I OR HIST 102 World History II (F-SB)	3
	SMED 101 Step 1: Intro to Inquiry Based Teaching (E-SB)	1	SMED 102 Step 2: Intro to Inquiry Based Lesson Design	2
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16

SECOND YEAR	Fall Semester		Spring Semester	
	GEOL 325 Rocks & Minerals	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
	World Language (if needed) OR General Elective	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 Sedimentology & Stratigraphy	3
	GEOL approved elective	3	GEOL 499 Professional Preparation in Geology	2
	Arts & Humanities (E-AH)	3	GEOG 316 Fundamentals of GIS	4
	SMED 340 Perspectives on Science and Mathematics	3	Connections: Social & Cultural (K-SC)	3
	SPED 330 Intro to Exceptional Education: Diversity in Learning	3	SMED 360 Research Methods for Science and Math Teachers	3
		15	TOTAL CREDIT HOURS	15

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		
	CS 146 Introduction to Programming	3		
	SMED 470 Project Based Instruction	3		
	TOTAL CREDIT HOURS	15	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.

For more Information:

Department: School of Teacher Education

Phone: 270-745-5414

Website: www.wku.edu/ste

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

For more Information:

Department: Geography & Geology

Phone: 270-745-4555

Website: www.wku.edu/geoweb

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