

## Curriculum Guide for AS to B.S.Ed. Science: Earth Sciences at WCU

## Freshman/First Year

1st Semester\*

Fall

2nd Semester

Spring

CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes
ENG 111	ENGL 101	C1	3		ENG 112	ENGL 202	C1	3	
MAT 171	MATH 130	C2	4	Required	COM 231	COMM 201	C3	3	Preferred
History (Social/Behavioral Science)	History	P3	3	Preferred	MAT 172	MATH 146		4	Required
BIO 111 (Natural Science)	BIOL 140	C5	4	Required	BIO 112 (Natural Science)	BIOL 141		4	Required
ACA 122	USI 130		1		Social/Behavioral Science	Social Sciences	P1	3	
Total Credit Hours					Total Credit Hours				
15					17				

\*This assumes placement into college level courses. This is only meant to be a guide. Please see your academic advisor to develop your individual plan.

## Sophomore/Second Year

3rd Semester

Fall

4th Semester

Spring

CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes
EDU 216**	EDCI 201		3	Required	CHM 152	CHEM 140		4	Required
MAT 271	MATH 153		4	Required	PHY 152	PHYS 131		4	Required
CHM 151	CHEM 139	C5	4	Required	HEA 110/PED 110/ Other Electives	Wellness	C4	3	
PHY 151	PHYS 130		4	Required	Humanities/ Fine Arts	Humanities/ Fine Arts	P4/ P5	3	
Total Credit Hours					Total Credit Hours				
15					14				

\*\* Students should plan to take the Praxis Core Academic Skills for Educators Exam during their EDU 216 semester to fulfill requirements for admission to the Teacher Education Program

## Suggested Course Sequence to transfer from NCCCS

**Junior/Third Year (at WCU)**

5th Semester

Fall

6th Semester

Spring

WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes
SCI 150	Intro to Secondary Science Education	1		CHEM Elective	CHEM 242, 321, 330, etc.	3	
CHEM 232	Quantitative Analysis	4		CHEM 352	Physical Chemistry I	3	
CHEM 241	Organic Chemistry I	4		CHEM 495	Chemistry Seminar	1	
GEOL 151	Earth: Geology, Resource, Hazards, and Environment	3		SCI 301	Nature of Science	3	
SPED 240	The Exceptional Child	3		GEOL 145	Climate Change & Water Resources	3	
				Elective		3	
Total Credit Hours			15	Total Credit Hours			16

Depending on hours and grades, a summer semester may be advisable.

**Senior/Fourth Year**

7th Semester

Fall

8th Semester

Spring

WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes
SCI 422	Principles & Methods of Science Education	3		SCI 491	Supervised Student Teaching in Science	3	
CHEM 380	Research in Chemistry	2		EDSE 485	Supervised Student Teaching	6	
GEOL 141	Earth Hist. & Prehistoric Life	3		EDSE 495	Seminar	3	
EDCI 430	Culturally Relevant Classroom Management	3					
EDSE 483	Sec/Spec Sub Area Intern I	2					
Elective		3					
Total Credit Hours			16	Total Credit Hours			12

Reminder: 30 hours of 300-400 level courses must be taken at WCU.

Program website: [ScienceBSED.wcu.edu](http://ScienceBSED.wcu.edu)

For Academic Advising questions, please visit: [Suite 201.wcu.edu](http://Suite201.wcu.edu)

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