

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 or MAT 151	MATH 153 or MATH 170		4 or 3	Required	Humanities/ Fine Arts	Humanities/ Fine Arts	P4/ P5	3	
CHM 151	CHEM 139	C5	4	Required	HEA 110/PED 110/ Other Electives	Wellness	C4	3	
PHY 151	PHYS 130		4	Required	PHY 152	PHYS 131		4	Required
Total Credit Hours					Total Credit Hours				
14					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		GEOL 145	Climate Change & Water Resources	3	
AST 103/104	Solar System/Cosmic Evolution	3		GEOL 302/305	Geomorphology/ Soils & Hydrology	4	
GEOL 141	Earth Hist. & Prehistoric Life	3		GEOL Elective	Approved GEOL Elective 200-level or higher	4	
GEOL 151	Earth: Geology, Resource, Hazards, and Environment	3		SCI 301	Nature of Science	3	
SPED 240	The Exceptional Child	3		Elective		3	
Elective	Approved Science Elective	4					
Total Credit Hours				Total Credit Hours			
17				17			

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	
GEOL 393/495	Research Capstone	3		EDSE 485	Supervised Student Teaching	6	
GEOL/Science 300-400	GEOL/Science Upper-level Elective	3		EDSE 495	Seminar	3	
EDCI 430	Culturally Relevant Classroom Management	3					
EDSE 483	Sec/Spec Sub Area Intern I	2					
Total Credit Hours				Total Credit Hours			
14				12			

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

Program website: ScienceBSED.wcu.eduFor Academic Advising questions, please visit: Suite 201.wcu.edu

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Suggested Course Sequence to transfer from NCCCS