Curriculum Guide for AS to B.S.Ed. Science: Biology at WCU

Freshman/First Year

1st Semester*	Fall				2nd Semester	Spring			
	WCU Course	LS	Credit			WCU Course	_	Credit	
CC Course	Equivalent	Cat.	Hours	Required/Notes	CC Course	Equivalent	Cat.	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	Р3	3	Preferred	MAT 172	MATH 146		4	Required
BIO 111					BIO 112				
(Natural Science)	BIOL 140	C5	4	Required	(Natural Science)	BIOL 141		4	Required
					Social/Behavioral				
ACA 122	USI 130		1		Science	Social Sciences	P1	3	
Total Credit Hours			15		Total Credit Hours			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			
	WCU Course	LS	Credit			WCU Course	LS	Credit	
CC Course	Equivalent	Cat.	Hours	Required/Notes	CC Course	Equivalent	Cat.	Hours	Required/Notes
EDU 216**	EDCI 201		3	Required	CHM 152	CHEM 140		4	Required
MAT 271	MATH 153		4	Required	PHYS 152	PHYS 131		4	Required
					HEA 110/PED 110/				
CHM 151	CHEM 139	C5	4	Required	Other Electives	Wellness	C4	3	
					Humanities/		P4/		
PHYS 151	PHYS 130		4	Required	Fine Arts	Humanities	P5	3	
Total Credit Hours			15		Total Credit Hours			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

^{*}Plan for a summer semester to complete necessary credit hours.

Suggested Course Sequence to transfer from NCCCS

Junior/Third Year (at WCU)

5th Semester Fall 6th Semester Spring

		Credit				Credit	
WCU Course	Course Title	Hours	Notes	WCU Course	Course Title	Hours	Notes
	Intro to Secondary Science						
SCI 150	Education	1		BIOL 241	Ecology & Evolution	4	
					Climate Change and Water		
BIOL 240	Intro to Genetics	4		GEOL 145	Resources	3	
	Earth History and Prehistoric						
GEOL 141	Life	3		SCI 301	Nature of Science	3	
	Earth: Geology, Resource,				Culturally Relevant		
GEOL 151	Hazards, and Environment	3		EDCI 430	Classroom Management	3	
SPED 240	The Exceptional Child	3		Elective		3	
Elective		3					
Total Credit Hours		17		Total Credit Hours		16	

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

Senior/Fourth Year

7th Semester Fall 8th Semester Spring

		Credit				Credit	
WCU Course	Course Title	Hours	Notes	WCU Course	Course Title	Hours	Notes
	Principles & Methods of				Supervised Student		
SCI 422	Science Education	3		SCI 491	Teaching in Science	3	
BIOL 306	Evolutionary Biology	3		EDSE 485	Supervised Student Teaching	6	
BIOL 480	Research in Biology	3		EDSE 495	Seminar	3	
EDSE 483	Sec/Spec Sub Area Intern I	2					
Science 300-400	Approved Science Upper-level Elective	3					
Total Credit Hours	•	14		Total Credit Hours		12	

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

Program website: ScienceBSED.wcu.edu

For Academic Advising questions, please visit: Suite 201.wcu.edu