

## Curriculum Guide for AS to B.S.Ed. Science: Biology 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 146	C2	4	Required	COM 231	COMM 201	C3	3	Preferred
History (Social/Behavioral Science)	History	P3	3	Preferred	MAT 172	MATH 145		4	
Humanities/Fine Arts	Fine & Performing Arts	P5	3		BIO 112 (Natural Science)	BIOL 141		4	Required
BIO 111 (Natural Science)	BIOL 140	C5	4	Required	Social/Behavioral Science	Social Sciences	P1	3	
ACA 122	USI 130		1						
Total Credit Hours 18					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.

\*Plan for a summer semester to complete necessary credit hours.

## 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	Social/Behavioral Sciences	Social Science	P1	3	
CHM 151	CHEM 139	C5	4	Required	HEA 110/PED 110/Other Electives	Wellness	C4	3	
Social Science (Global Perspective)	World Cultures	P6	3		Humanities/Fine Arts	Humanities	P4	3	
Total Credit Hours 14					Total Credit Hours 13				

\*\* Students should complete the Praxis Core Academic Skills for Educators Exam during their EDU 216 semester in anticipation of Admission to the TEP prior to beginning classes at WCU.

Please see website for admission criteria:

[TeacherEdAdmission.wcu.edu](http://TeacherEdAdmission.wcu.edu)

## 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		BIOL 241	Ecology & Evolution	4	
BIOL 240	Intro to Genetics	4		PSY 323	Psychology Applied to Learning and Teaching	3	
GEOL 150	Methods in Geology	4		PHYS 131	Introductory Physics II	4	
PHYS 130	Introductory Physics I	4		SCI 301	Nature of Science	3	
GEOL 155	Historical Geology	3		SPED 339	Designing Classrooms as Responsive Learning Communities	3	
Total Credit Hours				Total Credit Hours			
16				17			

**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	
BIOL 480	Research in Biology	3		EDSE 490	Supervised Student Teaching	6	
EDSE 483	Sec/Spec Sub Area Intern I	2		EDSE 495	Seminar	3	
BIOL 306	Evolutionary Biology	3					
Upper Division Elective		4					
Total Credit Hours				Total Credit Hours			
15				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)