

Curriculum Guide for AS to BS Biology at WCU

Freshman/First Year

1st Semester*					2nd Semester				
Fall					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 112/113/114	ENGL 202	C1	3	
MAT 171	MATH 130	C2	4		COM 231	COMM 201	C3	3	Preferred
History	History	P3	3	Preferred	BIO 112	BIO 141		4	Required
Humanities/Fine Arts	Humanities	P4	3		MAT 172	MATH 146		4	
BIO 111	BIOL 140	C5	4	Required	Social/Behavioral Sciences	Social Sciences	P1	3	
ACA 120	USI 130		1						
Total Credit Hours					Total Credit Hours				
18					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					4th Semester				
Fall					Spring				
CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes	CC Course	WCU Course Equivalent	LS Cat.	Credit Hours	Required/Notes
HEA 110/PED 110/Other Elective	Wellness	C4	3		Social Science	Social Sciences	P1	3	
MAT 271/Other Elective	MATH 153		4	Required	Fine and Performing Arts	Fine and Performing Arts	P5	3	
PHY 151/Other Elective	PHYS 130		4	Required	Social Science (Global Perspective)	World Cultures	P6	3	
CHM 151/Gen. Ed/UGETC Elective	CHEM 139	C5	4	Required	CHM 152/Gen. Ed/UGETC Elective	CHEM 140		4	Required
Total Credit Hours					Total Credit Hours				
15					14				

Suggested Course Sequence to transfer from NCCCS
Junior/Third Year (at WCU)

5th Semester				6th Semester							
Fall				Spring							
WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	LS Cat.	Credit Hours	Notes			
BIOL 240	Introduction to Genetics	4		BIOL 241	Introduction to Ecology and Evolution		3				
CHEM 241	Organic Chemistry I	4		CHEM 242	Organic Chemistry II		4				
Gen. Elective		3		Gen. Elective			3				
PHY 152/Other Elective	PHYS 131	4	Required	Gen. Elective			3	Statistics recommended			
Total Credit Hours				14				Total Credit Hours		13	

Senior/Fourth Year

7th Semester				8th Semester											
Fall				Spring											
WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes								
BIOL Elective	Any Set	3 or 4		BIOL 333	Cell & Molecular Biology	4									
BIOL 306	Evolutionary Biology	3		BIOL Elective	Cell & Molecular Biology Set	3 or 4									
BIOL Elective	Ecology Evolutionary Set	4		BIOL 304	General Ecology	3									
BIOL Elective	Organismal Biology Set	3 or 4		BIOL 480/495/498/499	Senior Research	3									
BIOL Elective	Any Set	3 or 4													
Total Credit Hours				16-19				Total Credit Hours				13-14			

Total Credit Hours

120-124

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

[More Information on B.S. Biology](#)

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UGETC=purple shading

Gen. Ed.=beige shading

Other required hours=blue shading