

## Curriculum Guide for AS to BS Forensic Science: 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	ENGL 202	C1	3	
MAT 171	MATH 146	C2	4		COM 231	COMM 201	C3	3	Preferred
History	History	P3	3	Preferred	CHM 152	CHEM 140		4	Required
Humanities/Fine Arts	Humanities	P4	3		MAT 172	MATH 145		4	
CHM 151	CHEM 139	C5	4	Required	Social/Behavioral Sciences	Social Sciences	P1	3	
ACA 122	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.

**Requirements to be admitted to Forensic Science may have students completing 5 years instead of 4.**

## 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/Behavioral Sciences	Social Sciences	P1	3	
MAT 271/Other Elective	MATH 153		4	Required	Other Elective	Elective		3	
Social Science (Global Perspective)	World Cultures	P6	3		Other Elective	Elective		3	
BIO 111/Gen. Ed/UGETC Elective	BIOL 140	C5	4	Required	PHY 151/Gen. Ed/UGETC Elective	PHYS 130		4	Required
Total Credit Hours					Total Credit Hours				
14					13				

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
CHEM 241	Organic Chemistry I	3	Needed to apply	CHEM 242	Organic Chemistry II	4	
MATH 270	Statistical Methods I	3	Needed to apply	FS 463	The Scientific Method	3	
PHYS 131	Introductory Physics II	4	Needed to apply	FS 380/389	Research or Co-Op Ed.	3	
CHEM 232	Quantitative Analysis	4		CJ 150	Intro. To Criminal Justice & Criminology	3	
Guided Elective		3		Guided Elective		3	
Total Credit Hours		17		Total Credit Hours		16	

Senior/Fourth Year

7th Semester		Fall		8th Semester		Spring	
WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes
FS 466	Physical Methods in Forensic Science	3		FS 422/CHEM 465	Forensic Biology or Chemistry	4	
FS 495	Senior Seminar in Forensic Science	1		BIOL 330/FS 330	Population Genetics for FS	3	
BIO 240	Introduction to Genetics	4		BIOL 333	Cell and Molecular Biology	4	
BIOL 361/CHEM 361	Principles of Biochemistry	3		CHEM 462/CHEM 464	Molecular Bioinformatics/Genomics	3	
CJ 323	Crime Scene Investigations	3		Guided Elective		3	
Total Credit Hours		14		Total Credit Hours		17	

Total Credit Hours 126

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

<http://www.wcu.edu/academics/departments-schools-colleges/cas/casdepts/chemphys/academic-programs/fs/index.asp>