

## Curriculum Guide for AS to BS Chemistry 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 172	MATH 146	C2	4	Required	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 271	MATH 153		4	Required
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.

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 272	MATH 255		3		Elective	Elective		3	
World Cultures	World Cultures	P6	3		Natural Science/UGETC	(BIOL 140 rec. if pre-professional)	C5	4	
CHM 251	CHEM 241		4	Required	CHM 252	CHEM 242		4	Required
Total Credit Hours					Total Credit Hours				
13					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	Credit Hours	Notes
CHEM 232	Quantitative Analysis	4		PHY 230	General Physics	4	
CHEM 321	Inorganic Chemistry	3		CHEM 352	Physical Chem. Thermo.	3	
Gen. Elective		3		CHEM 372	Chemistry Therm. Lab	1	
Gen. Elective		3		Gen. Elective		3	
				Gen. Elective		3	
<b>Total Credit Hours</b>				<b>Total Credit Hours</b>			
13				14			

Senior/Fourth Year

7th Semester				8th Semester			
Fall				Spring			
WCU Course	Course Title	Credit Hours	Notes	WCU Course	Course Title	Credit Hours	Notes
CHEM 361	Principles of Biochemistry	3		CHEM 495	Seminar in Chemistry	1	
PHYS 231	General Physics II	4		CHEM 370	Instrumental Analysis I	4	
CHEM 472	Chemical Syntheses	1		CHEM 471	Inorganic Synthesis	1	
CHEM Elective		4		CHEM Elective		4	
Gen. Elective		3		Gen. Elective		3	
				Gen. Elective		3	
<b>Total Credit Hours</b>				<b>Total Credit Hours</b>			
15				16			

Total Credit Hours 120

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

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