

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 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.

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	MAT 272/Other Elective	MATH 255		4	Required
Social Science (Global Perspective)	World Cultures	P6	3		Other Elective	Elective		3	
CHM 251/Gen. Ed/UGETC Elective	CHEM 241		4	Required	CHM 252/Gen. Ed/UGETC Elective	CHEM 242		4	Required
Total Credit Hours					Total Credit Hours				
14					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 Chemistry I	3	
Gen. Elective		3		CHEM 371	Physical Chemistry Lab	2	
Gen. Elective		3		Gen. Elective		3	
				Gen. Elective		3	
Total Credit Hours				Total Credit Hours			
14				15			

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	4		CHEM Elective		3 or 4	
CHEM Elective		3 or 4		Gen. Elective		3	
Gen. Elective		3		Gen. Elective		3	
Total Credit Hours				Total Credit Hours			
17-18				14-15			

Total Credit Hours 122-124

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/chem/index.asp>