



BACHELOR of SCIENCE in CHEMISTRY (#623)
ACS Certification
 Department of Chemistry
 Ogden College of Science and Engineering
 Western Kentucky University

The following four-year plan is an example of how to map your program in consultation with your faculty advisor. Every student will finish with a unique plan of his/her own depending on the electives selected.

Success Markers		SAMPLE - 4 year plan			
FIRST YEAR	Fall Semester		Spring Semester		
<i>Visit the AARC for free tutoring</i>	CHEM 120/121 – College Chemistry I & Lab (E-NS, SL)	5	CHEM 222/223 – College Chemistry II & Lab	5	
	MATH 136 – Calculus I (F-QR)	4	MATH 137 – Calculus 1I	4	
	ENG 100 Intro to College Writing (F-W1)	3	COMM 145 Fund Public Speaking & Communications (F-OC)	3	
	World Language Requirement or General Elective	3	General Elective	3	
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15	

SECOND YEAR	Fall Semester		Spring Semester		
	CHEM 330 – Quantitative Analysis & Lab	5	CHEM 340/341 – Organic Chemistry I & Lab	5	
	PHYS 255/256 – University Physics I & Lab (E-NS, SL)	5	PHYS 265/266 – University Physics II & Lab	5	
	Elective	3	ENG 300 Writing in the Disciplines (F-W2)	3	
	ENG 200 Intro to Literature (E-AH)	3	HIST 101 World History I OR HIST 102 World History II (F-SB)	3	
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16	

World Language Proficiency: All students entering in Fall 2014 or later must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours. Novice high is the ability to communicate in writing and speaking on familiar topics in simple sentences. To meet this requirement, students may take college language courses or take a proficiency test. For more information go to www.wku.edu/modernlanguages/placement/.

THIRD YEAR	Fall Semester		Spring Semester	
<i>Visit Career Services</i>	CHEM 342/343 – Organic Chemistry II & Lab	5	CHEM 452/453 – Physical Chemistry II & lab	5
	CHEM 450/451 – Physical Chemistry I & Lab	5	Arts & Humanities (E-AH)	3
	General Elective	4	Social & Behavior Studies (E-SB)	3
	CHEM 398 – Undergraduate Seminary	1	General Elective	3
			CHEM 399 – Lab Research (Elective)	1
TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15	

FOURTH YEAR	Fall Semester		Spring Semester	
<i>Apply for Graduation CLICK HERE</i>	CHEM 435 – Instrumental Analysis	3	CHEM 420/421 – Inorganic Chemistry & Lab	4
	CHEM 446 – Biochemistry I	3	CHEM 399 – Lab Research (Elective)	2
	CHEM 399 – Lab Research (Elective)	1	General Elective	3
	General Elective	3	Connections – Social & Cultural (K-SY)	3
	Connections – Local to Global (K-LG)	3	General Elective	3
	Connections – Systems (K-SY)	3		
<i>Celebrate!</i>	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	15

Total Credit Hours:120

* Required Only if Minor is not in the Natural Sciences

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change.

Consult your advisor each semester.

Course Descriptions may be viewed at <http://www.wku.edu/catalog>

For more Information:

Department: Chemistry

Website: www.wku.edu/chemistry

Phone: Chemistry – (270) 745-3457

Email: chemistry@wku.edu

Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>

