



BACHELOR of SCIENCE in Biochemistry (#519)

Biology Department
Ogden College of Science and Engineering
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected. Successful continuation in the major requires completion of BIOL 120/121, 122/123, CHEM 120/121, and CHEM 222/223 with a "C" or higher.

SAMPLE – Finish in Four Plan

FIRST YEAR			
Fall Semester		Spring Semester	
BIOL 120/121 or BIOL 122/123	4	BIOL 122/123 or 120/121	4
CHEM 120/121 College Chemistry I and Lab	5	CHEM 222/223 College Chemistry II and Lab	5
COMM 145 Public Speaking	3	MATH 136 Calculus	4
ENG 100	3	HIST 101 or 102	3
TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16

SECOND YEAR			
Fall Semester		Spring Semester	
CHEM 330 Quantitative Analysis and Lab	5	BIOL 319/322 Intro to Cell/Molec and Lab	4
PHYS 231/232 Physics/Biophysics I and Lab	4	CHEM 340/341 Organic Chemistry I and Lab	5
ENG 200 Introduction to Literature	3	PHYS 332/233 Physics/Biophysics II and lab	4
Colonnade Exploration: Social and Behavioral Science	3	Colonnade Exploration: Arts & Humanities	3
TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	16

THIRD YEAR			
Fall Semester		Spring Semester	
CHEM 342/343 Organic Chemistry II with lab	5	BIOL 446 Biochemistry I	3
Biochemistry Elective—See Biochemistry Advisor	3	BIOL 447 Biochemistry I Lab	2
Writing in the Disciplines (ENG 300 or PSYS 300 or GEOG 300 or COMM 200)	3	BIOL 411 Cell Biology	3
World Language	3	Biochemistry Elective—See Biochemistry Advisor	3
		Colonnade Connections Social & Cultural	3
TOTAL CREDIT HOURS	14	TOTAL CREDIT HOURS	14

FOURTH YEAR			
Fall Semester		Spring Semester	
BIOL/CHEM 399 Research (Elective)	3	BIOL 467 Biochemistry II	3
Biochemistry Elective—See Biochemistry Advisor	3	Elective –See Biochemistry Advisor	3
Biochemistry Elective—See Biochemistry Advisor	3	Elective –See Biochemistry Advisor	3
Colonnade Connections Local to Global	3	Elective –See Biochemistry Advisor	3
Colonnade Connections Systems	3	Elective –See Biochemistry Advisor	3
TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

Total Credit Hours: 120

For more details and courses offered in the Colonnade General Education program visit the [website](#).

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

For more Information: **Department:** Biology or Chemistry
Website: <https://www.wku.edu/biology/> or <https://www.wku.edu/chemistry/>
Phone: (270) 745-3696 or (270) 745-3457
Email: biology@wku.edu or chemistry@wku.edu
 Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>