



**BACHELOR of SCIENCE in BIOLOGY (#525)
WITHOUT a Minor**
Department of Biology
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.

Success Markers

SAMPLE - 4 year plan

FIRST YEAR	Fall Semester		Spring Semester	
	Visit the Math Lab for free tutoring Chemistry and Math depends on Placement scores and must be passed with a "C" or better	BIOL 120/121 – Biological Concepts: Cells Metabolism and Genetics (with a Lab) OR BIOL 122/123 – Biological Concepts: Evolution, Diversity, and Ecology (with a Lab)	4	BIOL 120/121 – Biological Concepts: Cells Metabolism and Genetics (with a Lab) OR BIOL 122/123 – Biological Concepts: Evolution, Diversity, and Ecology (with a Lab)
MATH 116 – College Algebra (or higher)		3 - 5	MATH 117 – Trigonometry (or higher)	3 - 5
ENG 100 – College Writing		3	CHEM 120/121 – College Chemistry I (with a Lab)	5
HIST 119 – Western Civ. to 1648 OR HIST 120 – Western Civ. Since 1648		3	(General Education Course) †	(3)
TOTAL CREDIT HOURS		13 – 15*	TOTAL CREDIT HOURS	12- 14*
			†Not included in total	

SECOND YEAR	Fall Semester		Spring Semester	
	Plan a Study Abroad Trip, an Internship, Co-op or Conduct Research for the Summer (contact Biology faculty about opportunities!) Ask at Office of Scholar Development about Prestigious scholarships!!	BIOL 222/223 – Plant Biology and Diversity (with a Lab) OR BIOL 224/225 – Animal Biology and Diversity (with a Lab) OR BIOL 226/227 – Microbial Biology and Diversity (with a Lab)	4	BIOL 319/322 – Introduction to Molecular and Cell Biology OR BIOL 327 - Genetics
Upper Level BIOL Elective (see Biology Advisor)**		3-4	Upper Level BIOL Elective (see Biology Advisor)**	3-4
BIOL Science Supporting course (see Biology Advisor)**		4	BIOL Science Supporting course (see Biology Advisor)**	4
General Education C		3	ENG 200 – Intro to Literature	3
TOTAL CREDIT HOURS		14- 15*	TOTAL CREDIT HOURS	14- 15*

SUMMER TERM	Summer Term	
	<i>Why not Study Abroad?</i>	
TOTAL CREDIT HOURS		

THIRD YEAR Visit Career Services The Writing Center Offers free help! Meet with your advisor to check how many hours are needed for your major!	Fall Semester		Spring Semester	
	BIOL 315 – Ecology OR BIOL 430 - Evolution	3 / 4.5	Upper Level BIOL Elective (see Advisor)**	4
	Upper Level BIOL Elective (see Advisor)**	3-4	Upper Level BIOL Elective (see Advisor)**	3-4
	ENG 300 – Writing in the Disciplines	3	COMM 145 OR COMM 161	3
	General Education Course / Elective	3	General Education Course B-II	3
	General Education Course C	3	General Elective	3
	TOTAL CREDIT HOURS	15-17.5	TOTAL CREDIT HOURS	16-17

FOURTH YEAR Apply for Graduation Celebrate	Fall Semester		Spring Semester	
	Upper Level BIOL Elective (see Advisor)**	3-4	Upper Level BIOL Elective (see Advisor)**	4
	Upper Level BIOL Elective (see Advisor)**	3-4	Upper Level BIOL Elective (see Advisor)**	3-4
	General Education Course B-II	3	General Education Course E	3
	Foreign Language 2 nd Level	3	Health and Wellness	2-3
	General Elective	3	General Elective	3
	TOTAL CREDIT HOURS	15-17	TOTAL CREDIT HOURS	15-17

Total Credit Hours: 114-127.5

You need 120 hours to graduate. The 114 total is the sum of all the minimum hours listed per semester. Hence, you cannot take only the minimum every term and graduate in 8 semesters.

* 15 credit hours average recommended for each semester to reach 120 credit hours in 4 years

**Some courses are 4 or 5 credit hours, determined by career path

Student must receive a "C" or better in each Biology course and in some supporting courses

Course prerequisites are in parentheses and italics after each course listing.

For more Information:

Department: Biology

Website: <http://www.wku.edu/biology>

Phone: (270) 745-3696

Email: biology@wku.edu

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