



**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.

<b>Success Markers</b>		<b>SAMPLE - 4 year plan</b>			
<b>FIRST YEAR</b>	<b>Fall Semester</b>		<b>Spring Semester</b>		
<a href="#">Visit the Math Lab for free tutoring</a>  <b>Chemistry and Math depends on Placement scores and must be passed with a "C" or better</b>	BIOL 120/121 – Biological Concepts: Cells Metabolism and Genetics (with a Lab) (E-NS, SL)	4	BIOL 122/123 – Biological Concepts: Evolution, Diversity, and Ecology (with a Lab)	4	
	MATH 116 – College Algebra (or higher) (F-QR)	3-4	MATH 117 – Trigonometry (or higher)	3-4	
	ENG 100 – College Writing (F-W1)	3	World Language, if needed, or general elective	3	
	HIST 101 – World History I <b>OR</b> HIST 102 – World History II (F-SB)	3	CHEM 120/121 – College Chemistry I (with a Lab) (E-NS)	5	
	<b>TOTAL CREDIT HOURS</b>	<b>13-14*</b>	<b>TOTAL CREDIT HOURS</b>	<b>15-16*</b>	

<b>SECOND YEAR</b>	<b>Fall Semester</b>		<b>Spring Semester</b>	
<b>Plan a Study Abroad Trip, an Internship, Co-op or Conduct Research for the Summer (contact Biology faculty about opportunities!)</b>  <b>Ask at Office of Scholar Development about Prestigious scholarships!!</b>	BIOL 222/223 – Plant Biology and Diversity (with a Lab) <b>OR</b> BIOL 224/225 – Animal Biology and Diversity (with a Lab) <b>OR</b> BIOL 226/227 – Microbial Biology and Diversity (with a Lab)	4	BIOL 319 or 327 and Biol 322 or 337 Cellular, Molecular/Genetics	4
	BIOL Science Supporting Course (See Advisor)**	3-5	BIOL Science Supporting Course (See Advisor)**	3-5
	Upper Level BIOL Elective (see Advisor)**	4	Upper Level BIOL Elective (see Advisor)**	4
	Arts & Humanities (E-AH)	3	ENG 200 – Intro to Literature (F-AH)	3
	<b>TOTAL CREDIT HOURS</b>	<b>14-16*</b>	<b>TOTAL CREDIT HOURS</b>	<b>14-16*</b>

**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/](http://www.wku.edu/modernlanguages/placement/).

THIRD YEAR	Fall Semester		Spring Semester	
<p><a href="#">Visit Career Services</a></p> <p><a href="#">The Writing Center Offers free help!</a></p> <p>Meet with your advisor to check how many hours are needed for your major!</p>	BIOL 315 – Ecology <b>OR</b> BIOL 316 - Evolution	3	BIOL Science Supporting Course (See Advisor)**	4
	Upper Level BIOL Elective (see Advisor)**	4	Upper Level BIOL Elective (see Advisor)**	3-4
	COMM 145 Fund of Public Speaking & Communications (F-OC)	3	Writing in the Disciplines (F-W2)	3
	Social & Behavioral Science (E-SB)	3	General Elective	3
	General Elective	3	Connections Social & Cultural (K-SC)	3
	<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>16-17</b>

FOURTH YEAR	Fall Semester		Spring Semester	
<p><a href="#">Apply for Graduation</a></p> <p><i>Celebrate</i></p>	Upper Level BIOL Elective (see Advisor)**	4	Upper Level BIOL Elective (see Advisor)**	4
	Upper Level BIOL Elective (see Advisor)**	3-4	Upper Level BIOL Elective (see Advisor)**	3-4
	Connections Local to Global (K-LG)	3	Connections Systems (K-SY)	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective	3
	<b>TOTAL CREDIT HOURS</b>	<b>16-17</b>	<b>TOTAL CREDIT HOURS</b>	<b>16-17</b>

**Total Credit Hours: 120**

**You need 120 hours to graduate. You need 48 hours in the Biology major without a minor (the plan above encompasses the range 48-51 credit hours).**

\* 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 of the introductory biology courses and in some supporting courses

**For more Information:**

**Department:** Biology

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

**Phone:** (270) 745-3696

**Email:** [biology@wku.edu](mailto:biology@wku.edu)

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