



**BACHELOR of SCIENCE in BIOLOGY (#525)**  
**WITH 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	
	<p><a href="#">Visit the Math Lab for free tutoring</a></p> <p><b>Chemistry and Math depends on Placement scores and must be passed with a "C" or better</b></p>	BIOL 120/121 – Biological Concepts: Cells Metabolism and Genetics (with a Lab) <b>OR</b> 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) <b>OR</b> 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 <b>OR</b> HIST 120 – Western Civ. Since 1648		3	(General Education Course) †	(3)
<b>TOTAL CREDIT HOURS</b>		<b>13 – 15*</b>	<b>TOTAL CREDIT HOURS</b>	<b>12- 14*</b>

†Not included in total

SECOND YEAR	Fall Semester		Spring Semester	
	<p><b>Plan a Study Abroad Trip, an Internship, Co-op or Conduct Research for the Summer (contact Biology faculty about opportunities!)</b></p> <p><b>Ask at Office of Scholar Development about Prestigious scholarships!!</b></p>	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 319/322 – Introduction to Molecular and Cell Biology <b>OR</b> BIOL 327 - Genetics
BIOL Science Supporting Course (See Advisor)**		4	BIOL Science Supporting Course (See Advisor)**	4
General Education Course C		3	ENG 200 – Introduction to Literature	3
Minor Course		3	Minor Course	3
<b>TOTAL CREDIT HOURS</b>		<b>14*</b>	<b>TOTAL CREDIT HOURS</b>	<b>14*</b>

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

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

FOURTH YEAR	Fall Semester		Spring Semester	
	<b><a href="#">Apply for Graduation</a></b>  <i>Celebrate</i>	Upper Level BIOL Elective (see Advisor)**	3-4	Upper Level BIOL Elective (see Advisor)**
Upper Level Minor Course		3-4	Upper Level Minor Course	3
Upper Level Minor Course		3	Upper Level Minor Course	3
General Education Course B-II		3	Health and Wellness	2-3
Foreign Language 2 <sup>nd</sup> Level		3	General Education Course E	3
<b>TOTAL CREDIT HOURS</b>		<b>15-17</b>	<b>TOTAL CREDIT HOURS</b>	<b>15-17</b>

**Total Credit Hours: 114-125.5**

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

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