



**BACHELOR of SCIENCE in Medical Laboratory Sciences (#5004)**

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 and 122/123 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
MATH 116 or higher	3	MATH 117 or higher	3
ENG 100	3	Colonnade Explorations	3
Colonnade Explorations	3	CHEM 120/121 College Chem I and Lab	5
Colonnade Explorations	3		
<b>TOTAL CREDIT HOURS</b>	<b>16</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

SECOND YEAR			
Fall Semester		Spring Semester	
BIOL 224/225 Animal Diversity	4	BIOL 328 Immunology	4
Upper Level BIOL Elective –see MLS Advisor	3	BIOL 226/227 Micro	4
ENG 200	3	COMM 145	3
Colonnade Explorations	3	CHEM 222/223 College Chem II and Lab	5
BIOL 327/337 Genetics and Lab	4	Upper Level BIOL Elective—see MLS Advisor	3
<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TOTAL CREDIT HOURS</b>	<b>18</b>

THIRD YEAR			
Fall Semester		Spring Semester	
CHEM 340/341 Organic Chemistry and Lab	5	HIST 101 or 102	3
Upper Level BIOL Elective—see MLS Advisor	3	CHEM/BIOL 446	3
World Language	3	Upper Level BIOL Elective—see MLS Advisor	3
Writing in Disciplines—COMM 200 or ENG 300 or GEOG 300	3	Colonnade Connections	3
Colonnade Connections	3	Colonnade Connections	3
<b>TOTAL CREDIT HOURS</b>	<b>17</b>	<b>TOTAL CREDIT HOURS</b>	<b>15</b>

Summer	
<b>Summer</b>	
BIOL 492*	8
<b>TOTAL CREDIT HOURS</b>	<b>8</b>

FOURTH YEAR			
Fall Semester		Spring Semester	
BIOL 493	14	BIOL 494	14
<b>TOTAL CREDIT HOURS</b>	<b>14</b>	<b>TOTAL CREDIT HOURS</b>	<b>14</b>

**Total Credit Hours: 134**

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.

\*This will change in 2019 AY. The 8 hours will be divided into two summers of 4 credit hours each. The first eight hours will occur between the third and fourth year and the last eight hours to be completed after the BIOL 493 and 493 are complete.

**For more Information:**     **Department:** Biology  
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Course Descriptions: <http://www.wku.edu/undergraduatecatalog/>