



BACHELOR of SCIENCE in MEDICAL TECHNOLOGY (#582)

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>Visit the Math Lab for free tutoring</p> <p>Chemistry and Math depends on Placement scores and must be passed with a "C" or better</p> | 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 | MATH 117 – Trigonometry (or higher) | 3-5 |
| ENG 100 – College Writing | | 3 | CHEM 120/121 – College Chemistry I (with a Lab) | 5 |
| General Education Course C | | 3 | COMM 145 – Fundamentals of Public Speaking OR COMM 161 – Business and Professional Speaking | 3 |
| General Education Course A-II | | 3 | General Education Course F | 1 |
| TOTAL CREDIT HOURS | | 16 | TOTAL CREDIT HOURS | 16 |

| SECOND YEAR | Fall Semester | | Spring Semester | |
|--|--|--|--|---|
| | <p>Plan a Study Abroad Trip, an Internship, Co-op or Conduct Research for the Summer (contact Biology faculty about opportunities!)</p> <p>Ask at Office of Scholar Development about Prestigious scholarships!!</p> | BIOL 224/225 – Animal Diversity (with a Lab) | 4 | BIOL 319/322 –Introduction to Molecular and Cell Biology (with a Lab) OR BIOL 327 – Genetics |
| BIOL 226/227 – Microbiology (with a Lab) | | 5 | HIST 119 – Western Civ. to 1648 OR HIST 120 – Western Civ. Since 1648 | 3 |
| ENG 200 – Introduction to Literature | | 3 | BIOL 328 – Immunology | 3 |
| CHEM 222/223 – College Chemistry II (with a Lab) | | 3 | General Education Course E | 3 |
| | | | Upper Level BIOL Elective (See Biology Advisor)* | 3 |
| TOTAL CREDIT HOURS | | 15 | TOTAL CREDIT HOURS | 16 |

| SUMMER TERM | Summer Term | |
|------------------------------------|-------------|--|
| | | |
| <i>Attend a WKU baseball game!</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 | |
|--|--|------------|--|-----------|
| | CHEM 314 - | 5 | General Education Course C | 3 |
| | Health and Wellness | 1 | CHEM 330 – Quantitative Analysis | 5 |
| | ENG 300 – Writing in the Disciplines | 3 | Upper Level BIOL Elective (See Biology Advisor)* | 3 |
| | CS 146 – Introductory Programming | 3 | General Education Course B-II | 3 |
| | Upper Level BIOL Elective (See Biology Advisor)* | 3 | General Education Course B-II | 3 |
| | TOTAL CREDIT HOURS | 115 | TOTAL CREDIT HOURS | 17 |

| FOURTH YEAR Attend Med Tech School in fourth year for 36 credit hours Apply for Graduation <i>Celebrate</i> | Fall Semester | | Spring Semester | |
|---|--|-----------|--|-----------|
| | Med Tech School – Semester hours transferred to WKU from Affiliated School of Medical Technology | 18 | Med Tech School – Semester hours transferred to WKU from Affiliated School of Medical Technology | 18 |
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| | | | | |
| | TOTAL CREDIT HOURS | 18 | TOTAL CREDIT HOURS | 18 |

Total Credit Hours: 120-125

* Some courses are 4 or 5 credit hours and 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) 745-369

Email: biology@wku.edu

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