



BACHELOR of SCIENCE in BIOCHEMISTRY (#519)
Ogden College of Science and Engineering
Western Kentucky University

The following four-year plan is an example of how to map your program in consultation with your faculty advisor. 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 AARC for free tutoring | CHEM 120/121 – College Chemistry I (with a Lab) (E-NS, SL) | 5 | CHEM 22/223 – College Chemistry 2 (with a Lab) | 5 | |
| | BIOL 120/121 – Biology Concepts I (with a Lab) (E-NS) | 5 | BIOL 122/123 – Biology Concepts II (with a Lab) | 4 | |
| | MATH 136 – Calculus 1(F-QR) | 4 | HIST 101 World History I OR HIST 102 World History II (F-SB) | 3 | |
| | ENG 100 – Intro to College Writing (F-W1) | 3 | COMM 145 Fundamentals of Public Speaking & Communication (F-OC) | 3 | |
| | TOTAL CREDIT HOURS | 17 | TOTAL CREDIT HOURS | 15 | |

| SECOND YEAR | | Fall Semester | | Spring Semester | |
|---|---|---------------|---|-----------------|--|
| <i>Volunteer or Join a Student Organization like Chemistry Club, AUG or AED</i> | CHEM 330 - Quantitative Analysis (with a Lab) | 5 | CHEM 340/341 – Organic Chemistry I (with a Lab) | 5 | |
| | BIOL 319/322 – Intro to Molecular and Cell Biology (with a Lab) | 4 | PHYS 332/233 – Physics & Biophysics II (with a Lab) | 4 | |
| | PHYS 231/232 – Physics & Biophysics I (with a Lab) | 4 | Arts & Humanities (E-AH) | 3 | |
| | ENG 200 – Introduction to Literature (E-AH) | 3 | World Language, if needed, or General Elective | 3 | |
| | TOTAL CREDIT HOURS | 16 | TOTAL CREDIT HOURS | 15 | |

| THIRD YEAR | | Fall Semester | | Spring Semester | |
|--|--|---------------|--------------------------------------|-----------------|--|
| Visit Career Services | CHEM 342/343 – Organic Chemistry II (with a Lab) | 5 | BIOL/CHEM 446 – Biochemistry I | 3 | |
| | Biochemistry Elective* | 3-5 | BIOL/CHEM 447 – Biochem. I Lab | 2 | |
| | ENG 300 – Writing in the Discipline (F-W2) | 3 | BIOL 411 – Cell Biology | 3 | |
| | Social & Behavioral Science (E-SB) | 3 | Connections Social & Cultural (K-SC) | 3 | |
| | | 1 | Connections Local to Global (K-LG) | 3 | |
| | TOTAL CREDIT HOURS | 15-16 | TOTAL CREDIT HOURS | 14 | |

Bachelor of Science in Biochemistry sample 4 year plan (2015-2016)

| FOURTH YEAR | Fall Semester | | Spring Semester | |
|---|--|-------|-----------------------------------|-------|
| <p style="text-align: center;">Apply for Graduation CLICK HERE</p> | BIOL/CHEM 467 – Biochemistry II | 3 | Biochemistry Elective* | 3-5 |
| | BIOL/CHEM 399 – Research | 3 | Biochemistry or General Elective* | 3 |
| | Colonnade Connections (K-SY) | 1 | Biochemistry or General Elective | 3 |
| | Biochemistry Elective* | 3-5 | Biochemistry or General Elective* | 3 |
| | Biochemistry Elective* | 3-5 | General Elective | 3 |
| <p style="text-align: center;">Celebrate!</p> | | | | |
| | TOTAL CREDIT HOURS | 13-17 | TOTAL CREDIT HOURS | 15-16 |

Total Credit Hours:120

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/.

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change. Consult your advisor each semester. Course Descriptions may be viewed at <http://www.wku.edu/catalog>

For more Information:

Department: Biology – 357 TCCW OR Chemistry – 444 TCCW

Website: www.wku.edu/biology OR www.wku.edu/chemistry

Phone: Biology – (270)745-3696 OR Chemistry – (270) 745-3457

Email: biology@wku.edu OR chemistry@wku.edu

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