



BACHELOR of SCIENCE in BIOCHEMISTRY (#519)

Department of Chemistry

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 | |
|--|---|---|---|--|
| | <i>Visit the AARC for free tutoring</i> | CHEM 120/121 – College Chemistry I (with a Lab) | 5 | CHEM 22/223 – College Chemistry 2 (with a Lab) |
| BIOL 120/121 – Biology Concepts I (with a Lab) | | 5 | BIOL 122/123 – Biology Concepts II (with a Lab) | 4 |
| MATH 136 – Calculus 1 | | 4 | HIST 119 or 120 | 3 |
| ENG 100 – Intro to College Writing | | 3 | COMM 145 or 161 | 3 |
| | | | | |
| TOTAL CREDIT HOURS | | 16 | TOTAL CREDIT HOURS | 15 |

| SECOND YEAR | Fall Semester | | Spring Semester | |
|---|---|---|---|---|
| | <i>Volunteer or Join a Student Organization like Chemistry Club</i> | CHEM 330 - Quantitative Analysis (with a Lab) | 5 | CHEM 340/341 – Organic Chemistry I (with a Lab) |
| 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 | General Education Course B-II | 3 |
| General Education Course B-I | | 3 | General Education Course C | 3 |
| | | | | |
| TOTAL CREDIT HOURS | | 16 | TOTAL CREDIT HOURS | 15 |

| SUMMER TERM | Summer Term | |
|---------------------------|--|--|
| | <i>Study Abroad! Why not visit South Africa?</i> | |
| TOTAL CREDIT HOURS | | |

| THIRD YEAR | Fall Semester | | Spring Semester | |
|--|--------------------------------------|--|-------------------------------|---------------------------|
| | | CHEM 342/343 – Organic Chemistry II (with a Lab) | 5 | CHEM 446 – Biochemistry I |
| <i>Visit Career Services</i> | Biochemistry Elective* | 3-5 | CHEM 447 – Biochemistry I Lab | 2 |
| | ENG 300 – Writing in the Disciplines | 3 | BIOL 411 – Cell Biology | 3 |
| | General Education Course A-II | 3 | General Education Course C | 3 |
| | General Education Course F | 1 | General Education Course B-II | 3 |
| | TOTAL CREDIT HOURS | 15-17 | TOTAL CREDIT HOURS | 14 |

| FOURTH YEAR | Fall Semester | | Spring Semester | |
|--|----------------------------|----------------------------|-----------------------------------|------------------------|
| | | CHEM 467 – Biochemistry II | 3 | Biochemistry Elective* |
| <i>Apply for Graduation CLICK HERE</i> | CHEM 399 – Research | 3 | Biochemistry or General Elective* | 3 |
| | General Education Course F | 1 | General Education Course E | 3 |
| | Biochemistry Elective* | 3-5 | Biochemistry or General Elective* | 3 |
| | Biochemistry Elective* | 3-5 | | |
| | | | | |
| <i>Celebrate!</i> | TOTAL CREDIT HOURS | 13-17 | TOTAL CREDIT HOURS | 12-14 |
| Total Credit Hours:120 | | | | |

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change. Consult your advisor each semester.

For more Information:

Department: Biology – 201 TCNW **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/>