

SUGGESTED DEGREE PLAN FOR BIOCHEMISTRY (BS) MAJOR*

FRESHMAN YEAR

Fall Year 1

Cells & Organisms - BIOL 1307, 1107	4 hours
Calculus I - MATH 2313	3 hours
General Chemistry - CHEM 1340, 1140	4 hours
Introduction to the Liberal Arts - FSTY 1310	3 hours
Rhetoric & Composition I - FSTY 1311	3 hours

17 hours

Spring Year 1

Analytical Chemistry - CHEM 2320, 2120	4 hours
Genes, Organisms, Pop. - BIOL 1308, 1108	4 hours
Rhetoric & Comp. II - FSTY 1302 or ENGW 1302	3 hours
Calculus II - MATH 2314	3 hours

14 hours

SOPHOMORE YEAR

Fall Year 2

Organic Chemistry I - CHEM 2323, 2123	4 hours
Genetics - BIOL 2334	3 hours
Literature & Human Experience - CULF 1318	3 hours
Mechanics & Waves - PHYS 2320, 2125	4 hours
Language	3 hours

17 hours

Spring Year 2

Organic Chemistry II - CHEM 3325, 3125	4 hours
Ethics	3 hours
American Dilemmas - CULF 2321	3 hours
Electric., Magnetism, Optics - PHYS 2321, 2126	4 hours
Language	3 hours

17 hours

JUNIOR YEAR

Fall Year 3

The American Experience - CULF 1320	3 hours
Research Methods - CHEM 4147	1 hour
Biochemistry I - CHEM 4343	3 hours
Oral Communications	3 hours
Underst. & Apprec. the Arts - CULF 1319	3 hours
Chem. Instrumentation Lab - CHEM 3242	2 hours

15 hours

Spring Year 3

General Microbiology - BIOL 3439	4 hours
Undergraduate Research - CHEM 4148	1 hour
Biochemistry Lab - CHEM 4245	2 hours
Biochemistry II - CHEM 4344	3 hours
Elective	3 hours

13 hours

SENIOR YEAR

Fall Year 4

Religious Studies or Philosophy	3 hours
Capstone Course - CAPS 4360	3 hours
Undergraduate Research - CHEM 4148	1 hour
Elective	3 hours
Quantum Mech. & Spectroscopy - CHEM 3336	3 hours

13 hours

Spring Year 4

Senior Seminar - CHEM 4149	1 hour
Cell & Molecular Biology - BIOL 3437	4 hours
History & Philosophy of Science - SCIE 4345	3 hours
Contemporary World Issues - CULF 3331	3 hours
Elective CHEMxx =30 or above	3 hours

14 hours

*This degree plan is intended to be a guide in planning your four year program.

Note: Not all of these courses must be taken in the exact sequence presented. You have *some* choice as to when you would like to take a particular course, especially those under the General Education Requirement.