

SUGGESTED DEGREE PLAN FOR CHEMISTRY (BS) MAJOR*

FRESHMAN YEAR

Fall Year 1

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

16 hours

Spring Year 1

Analytical Chemistry - CHEM 2320, 2120	4 hours
Calculus II - MATH 2314	3 hours
Rhetoric & Comp. II - FSTY 1302 or ENGW 1302	3 hours
Language	3 hours

13 hours

SOPHOMORE YEAR

Fall Year 2

Organic Chemistry I - CHEM 2323, 2123	4 hours
The American Experience - CULF 1320	3 hours
Calculus III - MATH 2321	3 hours
Oral Communications	3 hours
Mechanics & Waves - PHYS 2320, 2125	4 hours

17 hours

Spring Year 2

Organic Chemistry II - CHEM 3325, 3125	4 hours
Literature and Human Experience - CULF 1318	3 hours
American Dilemmas - CULF 2321	3 hours
Religious Studies or Philosophy	3 hours
Electricity, Magn., Optics - PHYS 2321, 2126	4 hours

17 hours

JUNIOR YEAR

Fall Year 3

Structural Inorganic Chem. - CHEM 3334	3 hours
Chemical Instrumentation Lab - CHEM 3242	2 hours
Research Methods - CHEM 4147	1 hour
Ethics	3 hours
Electives	6 hours

15 hours

Spring Year 3

Spectroscopy & Chemical Struct. - CHEM 3332	3 hours
Undergraduate Research - CHEM 4148	1 hour
Contemporary World Issues - CULF 3331	3 hours
Chemistry Elective - CHEM xx	3 hours
Electives	5 hours
xx = 30 or above	

15 hours

SENIOR YEAR

Fall Year 4

Quantum Mech. & Spectroscopy - CHEM 3336	3 hours
Advanced Synthesis & Structural Determinization - CHEM 4242	2 hours
Underst. & Apprec. the Arts - CULF 1319	3 hours
Undergraduate Research - CHEM 4148	1 hour
Capstone Course - CAPS 4360	3 hours
Electives	3 hours

15 hours

Spring Year 4

Senior Seminar - CHEM 4149	1 hour
Undergraduate Research - CHEM 4148	1 hour
History & Philosophy of Science - SCIE 4345	3 hours
Thermodynamics and Kinetics - CHEM 3337	3 hours
Elective	4 hours

12 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.