

CHEMISTRY GENERAL CURRICULUM SEQUENCE



Freshman Year (First Semester)

ENGL 101	Freshman Composition I EC	3
MATH 113	Introduction to Mathematical Analysis I (MQ)	4
CHEM 105/CHEM 105L (Honors 111/111L)	Principles of General Chemistry I (Honors CHEM 111-111L)	4
ORNS 106	Freshman Orien. for SCMNS Majors	1
XXXX	SB General Education Req.	3
TOTAL		15

Freshman Year (Second Semester)

ENGL 102	Freshman Composition II EC	3
CHEM 106/106L (Honors 112/112L)	Principles of General Chemistry II	4
COSC 110 (COSC 150)	Introduction to Computing (Comput Science and Data Analysis)	3
XXXX	SB General Education Req.	3
MATH 114	Intro to Mathematical Analysis II	4
TOTAL		17

Sophomore Year (Third Semester)

CHEM 203/CHEM 203L	Organic Chemistry I	5
PHYS 205/205L	University Physics I (BP)	5
MATH 241	Calculus I	4
PHIL 109	Introduction to Critical Thinking CT	3
TOTAL		17

Sophomore Year (Fourth Semester)

CHEM 204/204L	Organic Chemistry II	5
PHYS 206/206L	University Physics II	5
MATH 242	Calculus II	4
CHEM 207	Quantitative Analysis I	4
TOTAL		18

Junior Year (Fifth Semester)

CHEM 307	Physical Chemistry	4
CHEM 320	Polymer Chemistry	3
BIOL 109 (Honors 111)	Foundation in Biology I (BP)	4
XXXX	AH General Education Req.	3
TOTAL		14

Junior Year (Sixth Semester)

BIOL 110 (Honors BIOL 112)	Foundations in Biology II- Cellular Structure and Function	4
CHEM 310	Introduction to Inorganic Chemistry	3
XXXX	Complementary Studies Elective	3
XXXX	Advised Elective	3
TOTAL		13

Senior Year (Seventh Semester)

CHEM 304	Biochemistry	4
CHEM 300 (CHEM 401)(CHEM 402)	Effective Technical Presentations Undergraduate Research)	1(1-3)
XXXX	CI General Education Req.	3
XXXX	Advised CHEM Elective	3
XXXX	PHYS. ED. Activity or FIN 101 or	1
TOTAL		12(13-14)

Senior Year (Eighth Semester)

CHEM 404	Senior Seminar	1
CHEM 408	Advanced Organic Chemistry	4
XXXX	Complementary Studies Elective	3
XXXX	AH General Education Req.	3
XXXX	HH General Education Req.	3
TOTAL		14

TOTAL CREDITS

120(122)