



CHEMISTRY ACS CURRICULUM SEQUENCE

Freshman Year (First Semester)

ENGL 101	Freshman Composition I EC	3
CHEM 105/105L (Honors 111/111L)	Principles of General Chemistry I	4
MATH 241	Calculus I (MQ)	4
XXXX	SB General Education Req.	3
ORNS 106	Freshman Orientation for SCMNS Majors	1
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
MATH 242	Calculus II	4
XXXX	SB General Education Req.	3
COSC 150	Computational Science and Data Analysis	3
TOTAL		17

Sophomore Year (Third Semester)

CHEM 203/203 L	Organic Chemistry I	5
PHYS 205/205L	University Physics I (BP)	5
BIOL 109	Foundation in Biology I	4
XXXX	PHYS. ED. or FIN 101 or MIND 101	1
TOTAL		15

Sophomore Year (Fourth Semester)

CHEM 204/204L	Organic Chemistry II	5
PHYS 206/206L	University Physics II/ Laboratory	5
BIOL 110	Foundations in Biology II	4
CHEM 207	Quantitative Analysis I	4
TOTAL		18

Junior Year (Fifth Semester)

CHEM 304	Biochemistry	4
CHEM 307	Physical Chemistry I	4
MATH 340	Introduction to Differential Equations	3
XXXX	AH General Education Req.	3
TOTAL		14

Junior Year (Sixth Semester)

CHEM 308/308 L	Physical Chemistry II	4
CHEM 310	Introduction to Inorganic Chemistry	3
XXXX	AH General Education Req.	3
XXXX	CI General Education Req.	3
TOTAL		13

Senior Year (Seventh Semester)

CHEM 412	Advanced Inorganic Chemistry	3
CHEM 414	Instrumental Methods of Analysis	4
PHIL 109	Introduction to Critical Thinking CT	3
XXXX	Complementary Studies	3
CHEM 300 (CHEM 401) (CHEM 402)	Effective Technical Presentations (Undergraduate Research)	1-3
TOTAL		14-16

Senior Year (Eighth Semester)

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

TOTAL CREDITS

120(122)