

CURRICULUM MAP



MERRIMACK COLLEGE

Chemistry, BS

YEAR ONE

FALL

General Chemistry 1 – CHM 1110	4 credits	Major Requirement
Calculus 1 – MTH 1217	4 credits	Major Requirement
Intro to College Writing – ENG 1050	4 credits	General Education Requirement
Intro to Philosophy – PHL 1000 level	4 credits	General Education Requirement
First Year Experience – FYE 1000	1 credit	General Education Requirement

Total Credits – 17

SPRING

Organic Chemistry – CHM 2210	4 credits	Major Requirement
Calculus 2 – MTH 1218	4 credits	Major Requirement
Religion – RTS 1000	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

YEAR TWO

FALL

Organic Chemistry 2 – CHM 2220	4 credits	Major Requirement
Physics 1 – PHY 2211	4 credits	Major Requirement
Calculus 3 – MTH 1219	4 credits	Major Elective
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

SPRING

General Chemistry 2 – CHM 1120	4 credits	Major Requirement
Physics 2 – PHY 2212	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

YEAR THREE

FALL

Inorganic Chemistry – CHM 2320	4 credits	Major Requirement
Physical Chemistry 1 – CHM 3570	4 credits	Major Requirement
Cellular Biochemistry – BIO 3037	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

SPRING

Analytical Chemistry – CHM 3410	4 credits	Major Requirement
Physical Chemistry 2 – CHM 3580	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

YEAR FOUR

FALL

Advanced Chemistry course	4 credits	Major Requirement
Internship/Directed Study	4 credits	Major Elective
General Education Elective	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

SPRING

Advanced Chemistry/Biology course	4 credits	Major Requirement
Internship/Directed Research	4 credits	Major Elective
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
Senior Seminar – CHM 3010	2 credits	Major Requirement

Total Credits – 18

Note: This is a sample curriculum map. Students may progress toward graduation using alternative pathways.