

CURRICULUM MAP



MERRIMACK COLLEGE

Biochemistry, BS

YEAR ONE

FALL

General Chemistry 1 – CHM 1110	4 credits	Major Requirement
Calculus 1 – MTH 1217	4 credits	Major Requirement
Religion – RTS 1000	4 credits	General Education Requirement
Intro to College Writing – FYW 1000	4 credits	General Education Requirement
First Year Experience – FYE 1050	1 credit	General Education Requirement

Total Credits – 17

SPRING

General Chemistry 2 – CHM 1120	4 credits	Major Requirement
Calculus 2 – MTH 1218	4 credits	Major Requirement
Philosophy – PHL 1000	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

YEAR TWO

FALL

Organic Chemistry 1 – CHM 2210	4 credits	Major Requirement
Physics 1 – PHY 2211	4 credits	Major Requirement
General Biology 1 – BIO 1027	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

SPRING

Organic Chemistry 2 – CHM 2220	4 credits	Major Requirement
Physics 2 – PHY 2212	4 credits	Major Requirement
Genetics – BIO 2018	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

YEAR THREE

FALL

Analytical Chemistry – CHM 3410	4 credits	Major Requirement
Cellular Biochemistry – BIO 3037	4 credits	Major Requirement
Physical Chemistry – CHM 3570	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

SPRING

Inorganic Chemistry – CHM 2320	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits – 16

YEAR FOUR

FALL

Directed Research/Internship	4 credits	Major Elective
Chemistry Advanced Course	4 credits	Major Requirement
Biology Advanced Course	4 credits	Major Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

SPRING

Directed Research/Internship	4 credits	Major Elective
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement
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.