

CURRICULUM MAP



MERRIMACK COLLEGE

Biology, BS

YEAR ONE

FALL

Principles of Biology 1 – BIO 1027	4 credits	Major Requirement, FC Core Requirement (STEM)
Pre Calculus – MTH 1016 or Statistics – MTH 1111	4 credits	Major Requirement
First Year Seminar – FYS 1947	4 credits	FC Core Requirement (FYS)
Culture and Society (CUS) Course	4 credits	FC Core Requirement (CUS)
Total Credits – 16		

SPRING

Principles of Biology II – BIO 1028	4 credits	Major Requirement
Calculus – MTH 1217	4 credits	Major Requirement
Religious and Theological Studies (RTS) Course	4 credits	FC Core Requirement (RTS)
Social Science (SOSC) Course	4 credits	FC Core Requirement (SOSC)
Total Credits – 16		

YEAR TWO

FALL

Ecology – BIO 2010	4 credits	Major Requirement
General Chemistry – CHM 1110	4 credits	Major Requirement
Humanities (HUM) Course	4 credits	FC Core Requirement (HUM)
FC Core Elective/Minor	4 credits	FC Core Elective
Total Credits – 16		

SPRING

Genetics – BIO 2018	4 credits	Major Requirement
Organic Chemistry – CHM 2210	4 credits	Major Requirement
FC Core Elective/minor	4 credits	FC Core Elective
FC Core Elective/minor	4 credits	FC Core Elective
Total Credits – 16		

YEAR THREE

FALL

Upper Elective Biology Course	4 credits	Major Requirement
Physics 1 – PHY 2211	4 credits	Major Requirement
Organic Chemistry 2 – CHM 2220	4 credits	Major Elective
FC Core Elective/Minor	4 credits	FC Core Elective
Total Credits – 16		

SPRING

Upper Elective Biology Course	4 credits	Major Requirement
Physics 2 – PHY 2212	4 credits	Major Requirement
General Chemistry 2 – CHM 1120	4 credits	Major Requirement
Open Elective	4 credits	Open Elective

Total Credits – 16

YEAR FOUR

FALL

Upper Elective Biology	4 credits	Major Requirement
Upper Elective Biology	4 credits	Major Requirement
Open Elective/Minor Course	4 credits	Open Elective
Open Elective/Minor Course	4 credits	Open Elective

Total Credits – 16

SPRING

Upper Elective Biology	4 credits	Major Requirement
Internship/Directed Research	4 credits	Major Requirement
Open Elective	4 credits	Open Elective
Open Elective/Minor Course	4 credits	Open Elective

Total Credits – 16

Notes: This is a sample curriculum map. Students may progress toward graduation using alternative pathways. In addition, 'FC Core Requirement' signifies that the course is required as part of the Foundations and Connections Core - the College's general education program. Please be aware that all students must take six FC Core Requirement courses (FYS, CUS, HUM, RTS, SOSC, and STEM) and four FC Core Elective courses to satisfy the College's general education requirement.