

# CURRICULUM MAP



MERRIMACK COLLEGE

## Biology, BS

### YEAR ONE

#### FALL

Principles of Biology 1 – BIO 1027	4 credits	Major Requirement
Pre Calculus – MTH 1016 or Statistics – MTH 1111	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

Principles of Biology II – BIO 1028	4 credits	Major Requirement
Calculus – MTH 1217	4 credits	Major Requirement
Intro to Religion – RTS 1000	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

**Total Credits – 16**

### YEAR TWO

#### FALL

Ecology – BIO 2010	4 credits	Major Requirement
General Chemistry – CHM 1110	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

**Total Credits – 16**

#### SPRING

Genetics – BIO 2018	4 credits	Major Requirement
Organic Chemistry – CHM 2210	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

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
General Education Elective	4 credits	General Education Requirement

**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	General Education Requirement
General Education Elective	4 credits	General Education Requirement

**Total Credits – 16**

## YEAR FOUR

### FALL

Upper Elective Biology	4 credits	Major Requirement
Upper Elective Biology	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
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**

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