

# CURRICULUM MAP



MERRIMACK COLLEGE

## Environmental Sciences and Sustainability, BS

### YEAR ONE

#### FALL

Environmental Science Gateway – ESS 1060	4 credits	Major Requirement, FC Core Requirement (STEM)
Basic Statistics – MTH 1111	4 credits	Major Requirement
Diversity, Power and Justice (DPJ) Course	4 credits	FC Core Requirement (DPJ)
First Year Seminar – FYS 1947	4 credits	FC Core Requirement (FYS)

**Total Credits - 16**

#### SPRING

Religious and Theological Studies (RTS) Course	4 credits	FC Core Requirement (RTS)
Social Science (SOSC) Course	4 credits	FC Core Requirement (SOSC)
Humanities (HUM) Course	4 credits	FC Core Requirement (HUM)
Principles of Biology II – BIO 1028	4 credits	Open Elective

**Total Credits - 16**

### YEAR TWO

#### FALL

Ecology – BIO 2010	4 credits	Major Requirement
Environmental Ethics – PHL 2070	4 credits	Major Requirement
Environmental Research Methods – ESS 2100	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective

**Total Credits - 16**

#### SPRING

Environmental Justice – ESS 3100	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective
FC Core Elective/Minor	4 credits	FC Core Elective
Major Elective	4 credits	Major Elective

**Total Credits - 16**

### YEAR THREE

#### FALL

General Chemistry I – CHM 1110	4 credits	Major Requirement
Introduction to GIS – CEN 3071	4 credits	Major Requirement
Sustainable Development – ECO 3303	4 credits	Major Requirement
Environmental Policy – ESS 3550	4 credits	Major Requirement

**Total Credits - 16**

## SPRING

Community Internship – ESS 4850	4 credits	Major Requirement
Major Elective	4 credits	Major Elective
FC Core Elective/Minor	4 credits	FC Core Elective
Open Elective	4 credits	Open Elective

**Total Credits - 16**

## YEAR FOUR

### FALL

Major Elective	4 credits	Major Elective
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective

**Total Credits - 16**

### SPRING

Sr Seminar/Sustainability Project I – ESS 4820	2 credits	Major Requirement
Sr Seminar/Sustainability Project II – ESS 4920	2 credits	Major Requirement
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
Open Elective	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, DPJ, HUM, RTS, SOSC, and STEM) and four FC Core Elective courses to satisfy the College's general education requirement.