

CURRICULUM MAP



MERRIMACK COLLEGE

Environmental Data Science, BA

YEAR ONE

FALL

Foundations of Data Science I - DSE 1001	4 credits	Major Requirement
FC Core Course	4 credits	FC Core Requirement (DPJ)
Environmental Science Gateway - ESS 1060	4 credits	Major Requirement, FC Core Requirement (STEM)
First Year Seminar - FYE 1947	4 credits	FC Core Requirement (FYS)

Total Credits - 16

SPRING

Basic Statistics - MTH 1111	4 credits	Major Requirement, FC Core Requirement (STEM)
FC Core Course	4 credits	FC Core Requirement (RTS)
Problem Solving with Python - CSC 1611	4 credits	Major Requirement
FC Core Course	4 credits	FC Core Requirement (HUM)

Total Credits - 16

YEAR TWO

FALL

Foundations of Data Science II - DSE 1002	4 credits	Major Requirement
Environmental Research Methods - ESS 2100	4 credits	Major Requirement
FC Core Course	4 credits	FC Core Elective
Open Elective/Minor	4 credits	Open Elective

Total Credits - 16

SPRING

Creating Information Graphics - DSE 2001	4 credits	Major Requirement
FC Core Course	4 credits	FC Core Elective
FC Core Course	4 credits	FC Core Elective
Open Elective/Minor	4 credits	Open Elective

Total Credits - 16

YEAR THREE

FALL

Environmental Policy - ESS 3550	4 credits	Major Requirement, FC Core Requirement (SOSC)
FC Core Course	4 credits	FC Core Elective
Open Elective/Minor	4 credits	Open Elective
Open Elective/Minor	4 credits	Open Elective

Total Credits - 16

SPRING

Ecological Modeling - BIO 3076	4 credits	Major Requirement, FC Core Requirement (STEM)
Open Elective/Minor	4 credits	Open Elective
Open Elective/Minor	4 credits	Open Elective
Open Elective/Minor	4 credits	Open Elective

Total Credits - 16

YEAR FOUR

FAL

Open Elective/Minor	4 credits	Open Elective
Open Elective/Minor	4 credits	Open Elective
Open Elective/Minor	4 credits	Open Elective
Open Elective/Minor	4 credits	Open Elective

Total Credits - 16

SPRING

Senior Project Seminar - ESS 4930	4 credits	Major Elective
Open Elective/Minor	4 credits	Open Elective
Open Elective/Minor	4 credits	Open Elective
Open Elective/Minor	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.