

# CURRICULUM MAP



MERRIMACK COLLEGE

## Psychology and Data Science, BS

### YEAR ONE

Introduction to Psychology – PSY 1000	4 credits	Major Requirement, FC Core Requirement (SOSC)
Foundations of Data Science I – DSE 1001	4 credits	Major Requirement
Culture & Society (C&S) Course	4 credits	FC Core Requirement (C&S)
First Year Seminar – FYS 1947	4 credits	FC Core Requirement (FYS)
<b>Total Credits - 16</b>		

### SPRING

Creating Information Graphics – DSE 2001	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Requirement (STEM)
Religious and Theological Studies (RTS) Course	4 credits	FC Core Requirement (RTS)
Open Elective	4 credits	Open Elective
<b>Total Credits - 16</b>		

### YEAR TWO

#### FALL

Inquiry and Methodology - PSY1100W	4 credits	Major Requirement, Writing Intensive
Foundations of Data Science 2 – DSE 1002	4 credits	Major Requirement
Humanities (HUM) Course	4 credits	FC Core Requirement (HUM)
Open Elective	4 credits	Open Elective
<b>Total Credits - 16</b>		

#### SPRING

Statistics in Psychology - PSY2110	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective/Minor
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
<b>Total Credits - 16</b>		

### YEAR THREE

#### FALL

Problem Solving with Python – CSC1611	4 credits	Major Requirement
Major Elective*	4 credits	Major Requirement/Elective
FC Core Elective/Minor	4 credits	FC Core Elective/Minor
Open Elective	4 credits	Open Elective
<b>Total Credits - 16</b>		

#### SPRING

Directed Research 1 - PSY 4800	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective/Minor
Data Mining and Predictive Analytics I - DSE 3001	4 credits	Major Requirement
Open Elective	4 credits	Open Elective
<b>Total Credits - 16</b>		

## YEAR FOUR

### FALL

Data Science Capstone – DSE4900	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective/Minor
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
<b>Total Credits - 16</b>		

### SPRING

Major Elective*	4 credits	Major Requirement
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
<b>Total Credits - 16</b>		

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, C&S, HUM, RTS, SOSC, and STEM) and four FC Core Elective courses to satisfy the College's general education requirement.

\*can be either of Introduction to Brain Sciences - PSY2150 (STEM); Sensation and Perception - PSY3130, Cognitive Psychology Lab - PSY 3120