

CURRICULUM MAP



MERRIMACK COLLEGE

Psychology and Data Science, BS

Introduction to Psychology – PSY 1000	4 credits	Major Requirement, FC Core Requirement (SOSC)
Foundations of Data Science I – DSE 1001	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

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
Total Credits - 16		

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
Total Credits - 16		

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
Total Credits - 16		

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
Total Credits - 16		

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
Total Credits - 16		

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
Total Credits - 16		

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
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, SOCS, 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