

CURRICULUM MAP



MERRIMACK COLLEGE

Neuroscience, BS

YEAR ONE

FALL

Introduction to Psychology – PSY 1000	4 credits	Major Requirement, FC Core Requirement (SOSC)
Calculus 1 – MTH 1217	4 credits	Major Elective
Culture and Society (CUS) Course	4 credits	FC Core Requirement (CUS)
First Year Seminar – FYS 1947	4 credits	FC Core Requirement (FYS)

Total Credits - 16

SPRING

Psychology Inquire/Methods – PSY 1100W	4 credits	Major Requirement
General Chemistry 1 – CHM 1110	4 credits	Major Requirement, FC Core Requirement (STEM)
Religious and Theological Studies (RTS) Course	4 credits	FC Core Requirement (RTS)
Humanities (HUM) Course	4 credits	FC Core Requirement (HUM)

Total Credits - 16

YEAR TWO

FALL

Statistical Methods – PSY 2210	4 credits	Major Requirement
Organic Chemistry 1 – CHM 2210	4 credits	Major Requirement
General Biology 1 – BIO 1027	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits - 16

SPRING

Genetics – BIO 2018	4 credits	Major Requirement
Organic Chemistry 2 – CHM 2220	4 credits	Major Requirement
Human Physiology and Anatomy 1 – BIO 3050	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective/Minor

Total Credits - 16

YEAR THREE

FALL

Behavioral Neuroscience – PSY 3150	4 credits	Major Requirement
Cellular Biochemistry – BIO 3037	4 credits	Major Requirement
Psychology Elective	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective/Minor

Total Credits - 16

SPRING

Biological Bases of Abnormal Behavior – PSY 3450	4 credits	Major Requirement
Physics 1 – PHY 2201	4 credits	Major Requirement
Psychology Elective	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective/Minor

Total Credits - 16

YEAR FOUR

FALL

Directed Research 1	4 credits	Major Requirement
Physics 2 – PHY 2202	4 credits	Major Requirement
FC Core Elective/Minor	4 credits	FC Core Elective/Minor
Open Elective	4 credits	Open Elective

Total Credits - 16

SPRING

Directed Research 2 (or Internship)	4 credits	Major Requirement
NEU 4000 Neuroscience Capstone	4 credits	Major Requirement
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, CUS, HUM, RTS, SOSC, and STEM) and four FC Core Elective courses to satisfy the College's general education requirement.