

CURRICULUM MAP



MERRIMACK COLLEGE

Neuroscience, BS (Neurochemistry Concentration)

YEAR ONE

FALL

Introduction to Psychology – PSY 1000	4 credits	Major Requirement
Calculus 1 – MTH 1217	4 credits	Major Elective
Introduction to College Writing – FYW 1050	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement
First Year Experience – FYE 1050	1 credit	General Education Requirement

Total Credits - 17

SPRING

Psychology Inquire/Methods – PSY 1100W	4 credits	Major Requirement, General Education Requirement
General Chemistry 1 – CHM 1110	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement

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
General Education Elective	4 credits	General Education Requirement

Total Credits - 16

YEAR THREE

FALL

Behavioral Neuroscience – PSY 3150	4 credits	Major Requirement
Cellular Biochemistry – BIO 3037	4 credits	Major Requirement
General Chemistry 2 – CHM 1120	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement

Total Credits - 16

SPRING

Biological Bases of Abnormal Behavior – PSY 3450	4 credits	Major Requirement
Physics 1 – PHY 2201	4 credits	Major Requirement
Chemistry Elective	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
Total Credits - 16		

YEAR FOUR

FALL

Directed Research 1	4 credits	Major Requirement
Physics 2 – PHY 2202	4 credits	General Education Requirement
General Education Elective	4 credits	General Education Requirement
Open Elective	4 credits	Open Elective
Total Credits - 16		

SPRING

Directed Research 2 (or Internship)	4 credits	Major Requirement
Upper Level Neuroscience Course	4 credits	Major Requirement
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
Total Credits - 16		

Note: This is a sample curriculum map. Students may progress toward graduation using alternative pathways.