

# CURRICULUM MAP



MERRIMACK COLLEGE

## Neuroscience, Neurobiology Concentration, BS

### 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 1000	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
Psychology Elective	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
Psychology Elective	4 credits	Major Requirement
General Education Elective	4 credits	General Education Requirement
<b>Total Credits - 16</b>		

## 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
<b>Total Credits - 16</b>		

### SPRING

Directed Research 2 (or Internship)	4 credits	Major Requirement
Neuroscience Capstone – NEU 4000	4 credits	Major Requirement
Design Project II – MEN 4920W	2 credits	Major Requirement
Open Elective	4 credits	Open Elective
Open Elective	4 credits	Open Elective
<b>Total Credits - 16</b>		

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