

# 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                                |
| 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

|  |           |   |
|--|-----------|---|
| 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, DPJ, HUM, RTS, SOSOC, and STEM) and four FC Core Elective courses to satisfy the College's general education requirement.