

# Neuroscience Major

## B.S. in Neuroscience - Curriculum Map 2019-2020 Catalog

| Course   | Cr.Comp | Course  | Cr.Comp |
|--|---------|---|---------|
| <b>FRESHMAN</b>  |         |   |         |
| <b>Fall</b>  |         | <b>Spring</b>   |         |
| EN 101 Composition and Literature I  | 3       | EN 102 Composition and Literature II  | 3       |
| BI 101 Principles of Biology I (General Education Lab Science) <sup>1</sup>  | 4       | PY 211 Introduction to Psychology (General Education Social Science)  | 3       |
| CH 103 General Chemistry I (General Education Lab Science)   | 4       | CH 104 General Chemistry II   | 4       |
| MA 107 Precalculus Mathematics   | 4       | MA 108 Applied Calculus (General Education Math)  | 4       |
| Fall Semester Total Cr.:   | 15      | Spring Semester Total Cr.:  | 14      |
| <b>SOPHOMORE</b>   |         |   |         |
| <b>Fall</b>  |         | <b>Spring</b>   |         |
| BI 215 Human Anatomy & Physiology I <sup>1</sup>   | 4       | BI 226 Cell Biology <sup>1</sup>  | 4       |
| BI 303 Genetics <sup>1</sup>   | 4       | General Education Literature ( <a href="http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals">http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals</a> )        | 3       |
| CH 225 Organic Chemistry I   | 4       | MA 232 Elementary Statistics (General Education Math)   | 3       |
| General Education Leadership ( <a href="http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals">http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals</a> ) | 1-3     | PY 263 Perception   | 3       |
| PY 230 Biopsychology   | 3       | Free Elective   | 3       |
| Fall Semester Total Cr.:   | 16-18   | Spring Semester Total Cr.:  | 16      |
| <b>JUNIOR</b>  |         |   |         |
| <b>Fall</b>  |         | <b>Spring</b>   |         |
| BI 370 Introduction to Neuroscience <sup>1</sup>   | 4       | PY 344 Cognition  | 4       |
| PS 201 General Physics I   | 4       | PS 202 General Physics II   | 4       |
| BI 300-400 Elective OR<br>PY 313 Experimental Psychology I   | 4-3     | BI 300-400 Elective OR<br>PY 314 Experimental Psychology II   | 3-4     |
| Free Elective  | 3       | General Education History ( <a href="http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals">http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals</a> )           | 3       |
|  |         | Free Elective   | 3       |
| Fall Semester Total Cr.:   | 15-14   | Spring Semester Total Cr.:  | 17-18   |
| <b>SENIOR</b>  |         |   |         |
| <b>Fall</b>  |         | <b>Spring</b>   |         |
| BI 415 Neuroanatomy (or in Junior year) <sup>1</sup>   | 4       | BI 420 Diseases of the Nervous System (or in Junior year) <sup>1</sup>  | 4       |
| BI 401 Senior Seminar (General Education Capstone) <sup>1</sup><br>or PY 401 Senior Seminar  | 3       | BI Elective <sup>1</sup>  | 4       |
| PH 303 Survey of Ethics (General Education Ethics)<br>or PY 350 Environmental Psychology   | 3       | General Education Arts & Humanities ( <a href="http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals">http://catalog.norwich.edu/residentialprogramscatalog/generaleducationgoals</a> ) | 3       |
| PY Elective  | 3       | Free Elective   | 3       |
| Free Elective  | 3       |   |         |
| Fall Semester Total Cr.:   | 16      | Spring Semester Total Cr.:  | 14      |
| TOTAL CREDITS FOR THIS MAJOR: 123-125  |         |   |         |

<sup>1</sup> Grade of C or higher required.