

Psychology—Neuroscience Concentration: Bachelor of Arts (B.A.)

Degree Type

Bachelor of Arts

In addition to the general psychology mission, the primary goal of this concentration is to introduce students to the field of neuroscience. Neuroscience is a multidisciplinary field that seeks to understand the complex relationship between the nervous system and behavior in humans and other animals. Students will learn about brain function and its impact on physical, cognitive and socio-emotional development.

Learning Outcomes

In addition to the general psychology outcomes, students will

- Develop a knowledge base in neuroscience.
- Develop knowledge in the field of neuroscience and explore the applied and research questions in the field utilizing scientific inquiry and critical thinking.

Psychology with Neuroscience Concentration B.A. Progress to Completion Requirements:

Program Credit Requirement: 56 credits (including 4 credit minimum internship)

[PSY 101](#) – minimum grade of C

| Item # | Title | Credits |
|---------|--|---------|
| PSY 101 | Introduction to Psychology | 4.0 |
| PSY 211 | Cognitive Psychology | 4.0 |
| PSY 216 | Neuroscience | 4.0 |
| PSY 302 | Statistical Methods for Psychology | 4.0 |
| PSY 308 | Research Methods in Psychology | 4.0 |
| PSY 485 | Psychology Internship and Professional Development Seminar | 4.0-16 |
| PSY 486 | Psychology Capstone: Advanced Research Seminar | 2.0 |
| BIO 106 | The Chemical and Cellular Basis of Life (+lab) | 4.0 |
| BIO 205 | Human Anatomy and Physiology I (+lab) | 4.0 |
| BIO 304 | Biochemistry (+lab) | 4.0 |
| CHE 101 | Principles of Chemistry I (+lab) | 4.0 |
| CHE 102 | Principles of Chemistry II (+lab) | 4.0 |
| CHE 307 | Organic Chemistry I (+lab) | 4.0 |
| PSY 306 | Psychopathology | 4.0 |
| PSY 327 | Psychopharmacology | 4.0 |

Suggested Registration Sequence

First Year - Fall

| Item # | Title | Credits |
|---------|--|---------|
| PSY 101 | Introduction to Psychology | 4.0 |
| WRT 101 | Introduction to Academic Writing | 4.0 |
| FYE 101 | First Year Experience | 4.0 |
| BIO 106 | The Chemical and Cellular Basis of Life (+lab) | 4.0 |

First Year - Spring

| Item # | Title | Credits |
|---------|---|---------|
| | Lib Ed - Liberal Education Core Course | 4 |
| | MAT - Quantitative Literacy Proficiency | 4 |
| BIO 205 | Human Anatomy and Physiology I (+lab) | 4.0 |
| | Lib Ed - Liberal Education Core Course | 4 |

Sophomore Year - Fall

| Item # | Title | Credits |
|---------|--|---------|
| CHE 101 | Principles of Chemistry I (+lab) | 4.0 |
| PSY 216 | Neuroscience | 4.0 |
| | Lib Ed - Liberal Education Core Course | 4 |
| | Lib Ed - Liberal Education Core Course | 4 |

Sophomore Year - Spring

| Item # | Title | Credits |
|---------|--|---------|
| CHE 102 | Principles of Chemistry II (+lab) | 4.0 |
| PSY 211 | Cognitive Psychology | 4.0 |
| | Lib Ed - Liberal Education Core Course | 4 |
| | Free Elective Course | 4 |

Junior Year - Fall

| Item # | Title | Credits |
|---------|------------------------------------|---------|
| PSY 302 | Statistical Methods for Psychology | 4.0 |
| CHE 307 | Organic Chemistry I (+lab) | 4.0 |
| PSY 306 | Psychopathology | 4.0 |
| | IE - Integrative Experience Course | 4 |

Junior Year - Spring

| Item # | Title | Credits |
|---------|--------------------------------|---------|
| PSY 308 | Research Methods in Psychology | 4.0 |
| PSY 327 | Psychopharmacology | 4.0 |
| | Free Elective Course | 4 |
| | Free Elective Course | 4 |

Senior Year - Fall

| Item # | Title | Credits |
|---------|--|---------|
| PSY 486 | Psychology Capstone: Advanced Research Seminar | 2.0 |
| BIO 304 | Biochemistry (+lab) | 4.0 |
| | Free Elective Course | 4 |
| | Free Elective Course | 4 |

Senior Year - Spring

| Item # | Title | Credits |
|---------|--|---------|
| PSY 485 | Psychology Internship and Professional Development Seminar | 4.0-16 |
| | Free Elective Course | 4 |
| | Free Elective Course | 4 |