

Bachelor of Science in Psychology: Cognitive Neuroscience Concentration

Program Overview

Psychology is the science of the mind and behavior. Earn a baccalaureate degree in psychology, and you'll be prepared for graduate study or a variety of career opportunities. The psychology curriculum concentrates on the normal course of human development. Courses emphasize the impact of environmental context on the behavior of individuals.

Cognitive neuroscience is a rapidly growing field due to significant technological advances in brain imaging techniques. Understanding how the brain functions can help us to better understand cognitive processes and human behavior. A major in cognitive neuroscience prepares students for careers in clinical settings, hospitals, neuropsychology, and school psychology, or for graduate work in cognitive psychology.

Degree Requirements

To earn this degree, students must have a GPA of 2.0 or higher in the Major as well as an overall GPA of 2.0, complete a minimum of 120 credit hours, and fulfill the course requirements of the program listed below.

*This is a sample plan; specific courses may vary from year to year. Academic advisors will work with each student to develop their individual schedule.

| Major-Specific Required Courses | | | CREDITS |
|---------------------------------|-----------|--|---------|
| ✓ | | | |
| | PSYC 110^ | Introduction to Psychology | 4 |
| | PSYC 201 | Social Psychology | 4 |
| | PSYC 224 | Developmental Psychology | 4 |
| | PSYC 225 | Behavior Disorders | 4 |
| | PSYC 227 | Organizational Psychology | 4 |
| | PSYC 235 | Cognitive Psychology | 4 |
| | PSYC 241 | Statistics and Research Design I | 4 |
| | PSYC 250 | Cognitive Neuroscience | 4 |
| | PSYC 341 | Statistics and Research Design II | 4 |
| | PSYC 360 | Neuropsychology | 4 |
| | PSYC 444 | Senior Seminar | 4 |
| Choose 1 of the following: | | | CREDITS |
| | PSYC 346 | Stats and Research: Applied Psych. | 4 |
| | PSYC 347 | Stats and Research: Cognitive Psych. | 4 |
| | PSYC 349 | Stats and Research: Developmental Psych. | 4 |

| CORE | | | CREDITS |
|------|---|-----------------------------------|---------|
| ✓ | | Foundation | |
| | LA-FWS | First-Year Writing Seminar | 3 |
| | LA-FCS | First-Year Communication Seminar | 3 |
| | LA-FQR | Quantitative Reasoning | 3-4 |
| | LA-FSS | First Year Success Seminar | 1 |
| | LA-FCG | Cultural and Global Understanding | 3-5 |
| | | Exploration | |
| | LA-EAH | Arts and Humanities | 3 |
| | LA-ENS | Natural Sciences | 3-6 |
| | LA-ESS | Social Sciences | 3-4 |
| | | Transformation | |
| | LA-TFR | Faith, Reason, and Ethics | 3 |
| | LA-TBI | Big Issues - 2 courses | 6-7 |
| | LA-TCE | Creative Expression | 1-3 |
| | Additional credits to bring total to 120+ credits | | CREDITS |
| ✓ | | Electives | |
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| | | | |
| | | Experiential Learning | |
| | | | |
| | | | |
| | | | |

Total Program Credits: 120+

| | |
|----------------|------------------|
| MAJOR | *Options |
| CORE | ^CORE equivalent |
| ELECTIVE/MINOR | |
| EXPERIENTIAL | |

Example Course Sequence:

The following is a sample of a semester-by-semester approach to completing this program in 4 years.

| YEAR 1 | | | |
|-----------------------|----------------------------------|---------|---------------------------------|
| FIRST SEMESTER | | | |
| COURSE | | CREDITS | PREREQUISITES |
| PSYC 110 [^] | Introduction to Psychology | 4 | |
| PSYC 201 | Social Psychology | 4 | |
| LA-FWS | First-Year Writing Seminar | 3 | |
| LA-FCS | First-Year Communication Seminar | 3 | |
| LA-FSS | First Year Success Seminar | 1 | |
| JAN TERM | | | |
| COURSE | | CREDITS | |
| | | | |
| SECOND SEMESTER | | | |
| COURSE | | CREDITS | |
| PSYC 224 | Developmental Psychology | 4 | PSYC 110 |
| PSYC 241 | Statistics and Research Design I | 4 | PSYC 110; MATH 105 or placement |
| LA-FQR | Quantitative Reasoning | 3 | |
| LA-EAH | Arts and Humanities | 3 | |
| | | 29 | |

| YEAR 2 | | | |
|-----------------|-----------------------------------|---------|---------------|
| THIRD SEMESTER | | | |
| COURSE | | CREDITS | PREREQUISITES |
| PSYC 225 | Behavior Disorders | 4 | PSYC 110 |
| PSYC 235 | Cognitive Psychology | 4 | PSYC 110 |
| LA-FCG | Cultural and Global Understanding | 3 | |
| LA-ENS | Natural Sciences | 3 | |
| JAN TERM | | | |
| COURSE | | CREDITS | |
| ELECTIVE/MINOR | | 3 | |
| FOURTH SEMESTER | | | |
| COURSE | | CREDITS | |
| PSYC 227 | Organizational Psychology | 4 | PSYC 110 |
| PSYC 250 | Cognitive Neuroscience | 4 | PSYC 110 |
| LA-TFR | Faith, Reason, and Ethics | 3 | |
| ELECTIVE/MINOR | | 3 | |
| | | 31 | |

4-Year Sample Schedule Cont.

| YEAR 3 | | | |
|----------------|------------------------------------|---------|--|
| FIFTH SEMESTER | | | |
| COURSE | | CREDITS | PREREQUISITES |
| PSYC 341 | Statistics and Research Design II | 4 | FWS or ENG 111; PSYC 110; PSYC 241 or MATH 210 |
| LA-TCE | Creative Expression | 3 | |
| ELECTIVE/MINOR | | 3 | |
| ELECTIVE/MINOR | | 3 | |
| | | | |
| JAN TERM | | | |
| COURSE | | CREDITS | |
| EXPERIENTIAL | | 3 | |
| | | | |
| SIXTH SEMESTER | | | |
| COURSE | | CREDITS | |
| PSYC 346 | Stats and Research: Applied Psych. | 4 | PSYC 341 |
| LA-TBI | Big Issues | 3 | |
| ELECTIVE/MINOR | | 3 | |
| ELECTIVE/MINOR | | 3 | |
| | | | |
| | | 29 | |

| YEAR 4 | | | |
|------------------|-----------------|---------|------------------------|
| SEVENTH SEMESTER | | | |
| COURSE | | CREDITS | PREREQUISITES |
| PSYC 360 | Neuropsychology | 4 | 12 hours in psychology |
| LA-TBI | Big Issues | 3 | |
| ELECTIVE/MINOR | | 3 | |
| ELECTIVE/MINOR | | 3 | |
| EXPERIENTIAL | | 3 | |
| | | | |
| JAN TERM | | | |
| COURSE | | CREDITS | |
| EXPERIENTIAL | | 3 | |
| | | | |
| EIGHTH SEMESTER | | | |
| COURSE | | CREDITS | |
| PSYC 444 | Senior Seminar | 4 | Senior standing |
| ELECTIVE/MINOR | | 3 | |
| ELECTIVE/MINOR | | 3 | |
| EXPERIENTIAL | | 3 | |
| | | | |
| | | 32 | |
| | TOTAL CREDITS | 121 | |