

# Psychology Neuroscience PhD

COLLEGE OF LIBERAL ARTS

## About the Program

This program is not open for direct admission. The Doctor of Philosophy (PhD) in Psychology Neuroscience is only open to students enrolled in the PhD program in Psychology who successfully complete the additional program requirements. For information about this program, please contact the Director of Graduate Studies in Psychology.

## Program Requirements

### General Program Requirements:

*Number of Credits Required to Earn the Degree:* 35-71, depending on area of specialization:

Code	Title	Credit Hours
	Clinical Psychology	71
	Cognition and Neuroscience	35
	Developmental Psychology	35
	Social Psychology	35

*Required Courses:*

## Area of Specialization in Clinical Psychology Neuroscience

Code	Title	Credit Hours
<b>Core Courses</b>		
PSY 8011	Graduate Statistics I <sup>1</sup>	3
PSY 8017	Professional Development and Research Ethics in Psychology and Neuroscience	0
PSY 9983	Independent Readings on Affective Aspects of Behavior	0
PSY 8021	Graduate Statistics II <sup>1</sup>	3
PSY 8410	Multicultural Issues in Clinical Psychology	3
PSY 8411	Cognitive-Behavioral Therapies	3
PSY 8412	Core Course in Psychopathology	3
PSY 8413	Psychological Assessment I	3
PSY 8423	Psychological Assessment II	3
PSY 8433	Clinical Psychology: Scientific and Professional Dimensions	3
PSY 8481	Social, Cognitive, and Developmental Aspects of Behavior	3
PSY 9411	Clinical Research Methodology	3
PSY 9485	Ph.D. Internship Course	2
PSY 9987	Assessment Practicum	6
<b>Clinical Practicum <sup>2</sup></b>		<b>12</b>
PSY 9187	Clinical Practicum	
PSY 9287	Clinical Practicum	
PSY 9387	Clinical Practicum	
PSY 9487	Clinical Practicum	
PSY 9587	Clinical Practicum	
<b>Bio-integrative (Systems Neuroscience) Course <sup>3</sup></b>		<b>3</b>
<b>Cellular &amp; Molecular Neuroscience Electives <sup>4</sup></b>		<b>6</b>
<b>General Electives</b>		<b>3</b>
NSCI 9381	Readings in Neuroscience	3
<b>Research Courses <sup>5</sup></b>		<b>6</b>
PSY 9994	Preliminary Examination Preparation	
PSY 9998	Pre-Dissertation Research	

PSY 9999 Ph.D. Dissertation Research

**Total Credit Hours****71**

- <sup>1</sup> Two terms of graduate coursework in Statistics must be successfully completed in the first year of study.
- <sup>2</sup> A minimum of 12 credits is required, using any combination of PSY 9187, PSY 9287, PSY 9387, PSY 9487, and/or PSY 9587.
- <sup>3</sup> The bio-integrative course is selected from the departmental list of approved courses.
- <sup>4</sup> Six credits of cellular and molecular neuroscience courses; a list of electives that meet this requirement is available from the Director of Graduate Studies.
- <sup>5</sup> A minimum of 6 credits is required, with at least 2 of the 6 credits required to be in PSY 9999. The remaining 4 credits can be taken in any combination of PSY 9994, PSY 9998, and PSY 9999. At least one credit of PSY 9999 must be taken in the academic term or summer session of graduation.

## Areas of Specialization in Cognition and Neuroscience, Developmental Psychology, and Social Psychology

Code	Title	Credit Hours
<b>Core Courses</b>		
PSY 8011	Graduate Statistics I <sup>1</sup>	3
PSY 8015	Teaching of Psychology	1
PSY 8017	Professional Development and Research Ethics in Psychology and Neuroscience	1
PSY 8021	Graduate Statistics II <sup>1</sup>	3
NSCI 9381	Readings in Neuroscience	3
<b>Cellular &amp; Molecular Neuroscience Electives <sup>2</sup></b>		<b>6</b>
<b>Systems Neuroscience Electives <sup>3</sup></b>		<b>6</b>
<b>Electives and Topical Seminars</b>		<b>6</b>
<b>Research Courses <sup>4</sup></b>		<b>6</b>
PSY 9994	Preliminary Examination Preparation	
PSY 9998	Pre-Dissertation Research	
PSY 9999	Ph.D. Dissertation Research	
<b>Total Credit Hours</b>		<b>35</b>

- <sup>1</sup> Two terms of graduate coursework in Statistics must be successfully completed in the first year of study.
- <sup>2</sup> Six credits of cellular and molecular neuroscience courses; a list of electives that meet this requirement are available from the Director of Graduate Studies.
- <sup>3</sup> Six credits of systems neuroscience courses; a list of electives that meet this requirement are available from the Director of Graduate Studies.
- <sup>4</sup> A minimum of 6 credits is required, with at least 2 of the 6 credits required to be in PSY 9999. The remaining 4 credits can be taken in any combination of PSY 9994, PSY 9998, and PSY 9999. At least one credit of PSY 9999 must be taken in the academic term or summer session of graduation.

## Optional Concentration in Quantitative Methods

Students in the Psychology Neuroscience PhD program may complete the optional concentration in quantitative methods. Students completing this concentration must meet all requirements of the Psychology Neuroscience PhD as well as the concentration. For requirements, visit the PhD in Psychology Bulletin.