

PH.D. IN PSYCHOLOGY

Overview

The Department of Psychology Graduate Program combines the Master of Science [M.S.] and Ph.D. degrees. The program is organized into four divisions: Adult, Child, Health, and Cognitive and Behavioral Neuroscience. Within the divisions, there are options for Clinical and Psychological Sciences programs. The Clinical Program trains its graduates to be scientists and practitioners, with a strong emphasis on clinical science while the Psychological Sciences Program puts emphasis on the scientific aspect. Students are accepted into a program within one of the divisions and requirements for each area of study varies according to the student's program.

There are many steps on the path to the Ph.D. These include (1) successfully completing the Department's core statistics and foundation courses, (2) demonstrating continued research activity, (3) completing a Master's thesis, (4) completing advanced coursework required within the student's program area, (5) successfully completing qualifying procedures, including satisfactorily completing a qualifying research paper, (6) completing and defending a Ph.D. dissertation, and (7) meeting all program area Competency requirements.

The minimum number of credits required for the Ph.D. in Psychology varies according to the student's program area but in no case falls below 72 for Clinical and 60 for Psychological Sciences, which include 6 thesis credits and 12 dissertation credits. Clinical tracks require additional practicum credits and a yearlong internship.

Admission Requirements

1) Completion of an official application (online) and must include:

- Personal statement
- Prospective Mentor
- Research interests
- Desired Track

2) Baccalaureate degree from a regionally accredited institution.

3) Graduate Record Examination (GRE within 5 years).

4) 3 Letters of recommendation.

5) International applicants whose native language is not English must take the Test of English as a Foreign Language (TOEFL).

6) An interview will be required for admission.

To receive full consideration for entry into the Ph.D. Program for the Fall of the next school year, ALL application materials [application, transcripts from all universities/colleges attended, GRE scores, and letters of recommendation] must be received no later than December 1. The Department of Psychology uses an online application for admission to our graduate program.

Curriculum Requirements

1. The principal goal of the graduate program in Psychology is to prepare the student for a career contributing to the growth of scientific knowledge in psychology.
2. Applicants for admission to graduate status in psychology shall have
 - a. a minimum average of B.
 - b. at least 18 credit hours of psychology that must include courses in Introductory Psychology, Statistics, and Experimental Psychology or Research Methods.
 - c. Students lacking the necessary preparation must ordinarily make up deficiencies prior to admission to the Graduate School.
3. All applicants must present the Graduate Record Examination (Aptitude Tests; Advanced Test in Psychology preferred). In all cases admission to graduate degree programs in Psychology is competitive, since available resources do not permit admission of all qualified applicants.
4. The Ph.D. program in Psychology has four clinical areas of study [Adult Clinical, Child Clinical, Health Clinical, and Pediatric Health] and four Psychological Sciences areas [Behavioral Medicine, Cognitive-Behavioral Neuroscience, Developmental, and Evolution and Behavior]. All **clinical** Ph.D. programs in Psychology require a minimum of 72 credit hours, including 6 thesis credits (PSY 810) and 12 dissertation credits (PSY 830). **Psychological Sciences** programs require a minimum of 60 credit hours including 6 thesis credits (PSY 810) and 12 dissertation credits (PSY 830).
5. PSY 680 and PSY 681 will not be counted toward the 72 credit hour minimum.
6. A Master of Science in Psychology based upon 24 credit hours of course work and 6 credit hours of Master's thesis research is a component of all programs.

7. In cases in which a student has a prior graduate degree, the number of credit hours required for the Ph.D. may be reduced at the discretion of the Department.
8. All programs in Clinical Psychology require an internship.
9. Course requirements vary according to the specific track. Below is a listing of available courses. See Graduate Student Handbook for specific track requirements.

Code	Title	Credit Hours
Required Courses		
PSY 601	Issues in Professional Development and Research.	1
PSY 603	Neuroanatomy	3
PSY 604	Cognition and Emotion	3
PSY 605	Cognitive Neuroscience	3
PSY 606	Biobehavioral Processes and Disease in Health Psychology	3
PSY 610	Behavioral Medicine: Overview of Basic Science, Public Health, and Clinical Trial Approaches	3
PSY 614	Diversity issues in psychology	3
PSY 616	Biobehavioral Processes and Clinical Research Applications in Health Psychology	3
PSY 620	Advanced Developmental Psychology	3
PSY 621	Theories of Development	3
PSY 622	Cognitive Development	3
PSY 623	Language Development	3
PSY 624	Social Development	3
PSY 625	Social Psychology	3
PSY 631	Psychological Statistics, Research Methods, and Design	3
PSY 632	Multiple Regression	3
PSY 633	Structural Equation Modeling	3
PSY 636	Research Methods with Children and Adolescents	3
PSY 640	Adult Psychopathology	3
PSY 641	Child and Adolescent Psychopathology	3
PSY 645	Introduction to Psychological Evaluation	3
PSY 646	Psychological Evaluation of Adults	3
PSY 647	Psychological Evaluation of Children and Families	3
PSY 648	Psychological Evaluation in Physical Disorders	3
PSY 656	Introduction to Evidence-Based Psychological Treatments	3
PSY 657	Introduction to Psychotherapy, Ethics, and Professional Issues	3
PSY 660	Evidence-Based Psychological Intervention with Children and Families	3
PSY 661	Interventions in Pediatric Psychology	3
PSY 662	Health Psychology Interventions	3
PSY 685	Seminar in Clinical Psychology	3
PSY 696	Cognitive and Behavioral Neuroscience Journal Club	1
Electives		
PSY 602	Scientific writing and grantsmanship	3
PSY 609	Psychopharmacology	3
PSY 615	Foundations of neuropsychology	3
PSY 638	Psychology of Infant Development	3
PSY 639	Autism and Developmental Disabilities	3
PSY 642	Advanced Adult Psychopathology	3
PSY 655	Evolution and Sex	3
PSY 683	Special Topics	3
PSY 684	Readings in Psychology	3
PSY 687	Seminar in Clinical Psychology	3
PSY 690	Seminar in Developmental Psychology	3

BIL 612	Graduate Core I	3
BIL 613	Graduate Core II (Practicum)	3
PHS 741	Principles of Membrane Physiology and Biophysics I	2
Quantitative Concentration (Optional)		
PSY 634	Multilevel Modeling	3
PSY 698	Seminar in Quantitative Psychology	3
EPS 705	Measurement and Psychometric Theory	3
EPS 706	Categorical Data Analysis	3
EPS 707	Item Response Theory	3
EPS 710	Meta-Analytic Methods for Research Synthesis	3
BST 630	Longitudinal and Multilevel Data	3
BST 670	Bayes Data Analysis: Theory and Computing	3
EPH 751	Survival Analysis in Clinical Trials	3
Practicum		
PSY 670	Practicum in Clinical Psychology	1-3
PSY 677	Application of the Assessment and Treatment of Language and Learning	3
PSY 806	Summer Research Practicum	1
Additional Requirements		
PSY 804	APA Accredited Internship in Clinical Psychology	1
PSY 810	Master's Thesis	1-6
PSY 830	Doctoral Dissertation	1-12
PSY 840	Post-Candidacy Doctoral Dissertation	1-12
PSY 850	Research in Residence	1
CSC 650	Computational Neuroscience	3
CSC 746	Neural Networks and Deep Learning	3

Sample Plan of Study

Year One		Credit Hours
Fall		
PSY 601	Issues in Professional Development and Research.	1
PSY 631	Psychological Statistics, Research Methods, and Design	3
PSY 645	Introduction to Psychological Evaluation	3
PSY 640	Adult Psychopathology	3
PSY 650	Laboratory in Clinical Psychology	0
Credit Hours		10
Spring		
PSY 632	Multiple Regression	3
PSY 646	Psychological Evaluation of Adults	3
PSY 656	Introduction to Evidence-Based Psychological Treatments	3
PSY 657	Introduction to Psychotherapy, Ethics, and Professional Issues	3
Credit Hours		12
Year Two		
Fall		
PSY 605	Cognitive Neuroscience	3
PSY 633	Structural Equation Modeling	3
PSY 670	Practicum in Clinical Psychology	1
PSY 810	Master's Thesis	3
Credit Hours		10
Spring		
PSY 604	Cognition and Emotion	3
PSY 614	Diversity issues in psychology	3

PSY 810	Master's Thesis	3
PSY 670	Practicum in Clinical Psychology	1
Credit Hours		10
Year Three		
Fall		
PSY 625	Social Psychology	3
PSY 642	Advanced Adult Psychopathology	3
PSY 670	Practicum in Clinical Psychology	1
PSY 830	Doctoral Dissertation	3
Credit Hours		10
Spring		
PSY 602	Scientific writing and grantsmanship	3
PSY 662	Health Psychology Interventions	3
PSY 670	Practicum in Clinical Psychology	1
PSY 830	Doctoral Dissertation	3
Credit Hours		10
Year Four		
Fall		
PSY 660	Evidence-Based Psychological Intervention with Children and Families	3
PSY 670	Practicum in Clinical Psychology	1
PSY 685	Seminar in Clinical Psychology	3
PSY 830	Doctoral Dissertation	3
Credit Hours		10
Spring		
PSY 648	Psychological Evaluation in Physical Disorders	3
PSY 670	Practicum in Clinical Psychology	1
PSY 830	Doctoral Dissertation	3
Credit Hours		7
Total Credit Hours		79

Mission

The mission of the graduate program in the Department of Psychology is to train students to acquire, advance, and disseminate knowledge within the Psychological and Biobehavioral Sciences.

Goals

In order to achieve these goals the graduate program: 1. Develops advanced understanding of behavioral, psychological, and biological processes; 2. provides rigorous training in research design and analysis, develops advanced research skills; 3. provides detailed scientific knowledge about psychology as well as clinical psychology training and practical experience for those students seeking applied training in a career as a clinician scientist, in accordance with the American Psychological Association guidelines for accreditation in Clinical Psychology; and 4. fosters independent learning, enabling the graduate to contribute to the scientific field of Psychology, including Clinical Psychology.

Student Learning Outcomes

- Students will demonstrate an understanding of behavioral, psychological, and biological processes and knowledge of the core curriculum, clinical curriculum, and specialty area.
- Students will demonstrate knowledge and skills in research methods and analysis.
- Students will demonstrate appropriate professional conduct, excellent clinical assessment and/or clinical intervention skills.