

Psychology, Ph.D.

COLLEGE OF LIBERAL ARTS (<https://liberalarts.temple.edu>)

About the Program

The Psychology program offers advanced study leading to the doctoral degree. Training is directed toward excellence in scholarship, research, teaching, and practical applications. The focus of the Psychology Ph.D. program varies depending on the area of specialization into which the student enters. Graduates go on to positions as research scientists, teachers, and applied specialists.

Time Limit for Degree Completion: 7 years

Campus Location: Main

Full-Time/Part-Time Status: Full-time study is required.

Interdisciplinary Study: The program encourages interdisciplinary coursework.

Ranking: Over the years, the program has been consistently ranked among the very best by all evaluating agencies.

Accreditation: The American Psychological Association has accredited the Clinical Psychology area of specialization. Other area emphases do not undergo accreditation.

Areas of Specialization: The four areas of specialization include:

- Brain and Cognitive Sciences
- Clinical Psychology
- Developmental Psychology
- Social Psychology

Job Prospects: The program is dedicated to producing well-trained psychologists with the Ph.D. who work in academic and applied settings.

Licensure: The field of Clinical Psychology requires licensure for its practice.

Non-Matriculated Student Policy: The permission of the instructor is required for non-matriculated students to take Ph.D. courses. The exception is 8000-level courses, which are not open to non-matriculated students.

Financing Opportunities: Both Teaching and Research Assistantships carry a stipend, full tuition remission (up to 12 credits per term depending on year and specialization), and health insurance benefits. The principal duties of a Teaching Assistant (TA) include assisting faculty members in classroom (field and observatory) instruction, conducting tutorials and discussion sections, and grading quizzes. A Research Assistant (RA) is expected to devote 20 hours per week on average to research obligations. An RA is assigned to a faculty member or principal investigator who is working on a specific research project. The appropriate subjects are determined by consultation between the student and the student's research and academic advisors.

Admission Requirements and Deadlines

Application Deadline:

Fall: December 1

Applications are not evaluated until after the deadline has passed.

Application is made solely online:

- Applicants to the specializations in Brain and Cognitive Sciences, Developmental Psychology, or Social Psychology must apply via the Centralized Application Service for Graduate Psychology (PSYCAS), which is accessed at <https://psycas.liaisoncas.com/>.
- To apply for the Clinical Psychology specialization, complete the Temple University online application (<http://www.temple.edu/apply/common/appcheck.asp>) to receive your TUID number. Next, visit <http://cla.temple.edu/interfolio/psychology-phd> to create or log in to your Interfolio account. Complete the supplemental program application and upload scanned copies of all supporting documents to your account, with these exceptions:
 - a. Scores for the GRE and TOEFL, if applicable, must be reported directly by ETS to institution code 2906.
 - b. Official electronic transcripts must be sent to vallens@temple.edu or the originals mailed to:

Vanessa Allen-Smith, Graduate Coordinator
 Temple University College of Liberal Arts
 Dept. of Psychology
 1701 N. 13th Street, 653 Weiss Hall (265-67)

Philadelphia, PA 19122-6085

Letters of Reference:*Number Required:* 3

From Whom: Letters of recommendation should be obtained from college/university faculty members familiar with the applicant's academic competence. Referees for applicants to the specializations in Brain and Cognitive Sciences, Developmental Psychology, or Social Psychology submit their recommendations through <https://psycas.liaisoncas.com/>. Referees for applicants to the Clinical Psychology specialization submit their recommendations at <http://cla.temple.edu/interfolio/psychology-phd>.

Coursework Required for Admission Consideration: Applicants to the doctoral program must hold a B.A. or B.S. degree and must have completed at least four 3-credit courses in Psychology, including one laboratory course. A Statistics course is also required, and a Natural Sciences laboratory course is recommended.

Master's Degree in Discipline/Related Discipline: A master's degree is not required.

Bachelor's Degree in Discipline/Related Discipline: A baccalaureate degree in Psychology is strongly recommended. Depending on the area of interest, a bachelor's in a Biology-related discipline may be appropriate.

Statement of Goals: In approximately 500 to 1,000 words, state your interest in Temple's program, your research goals, your future career goals, and your academic and research achievements.

Standardized Test Scores:

GRE: Required. Minimum scores are 153 (new test) or 500 (old test) verbal; 151 (new test) or 650 (old test) quantitative; and 304 (new test) or 1150 (old test) total GRE.

GRE Subject Exam in Psychology: Strongly recommended

TOEFL: 105 iBT or 620 PBT minimum

Advanced Standing: A student enrolled in the Psychology Ph.D. program may, after satisfactory completion of the initial term, and with the approval of the Director of Graduate Studies in Psychology, transfer as many as 9 credits of coursework taken elsewhere. To be so approved, the courses must be deemed appropriate to stand as part of the student's training in the Ph.D. program, and the student must have received a grade of "B" or higher in the course(s). Final approval of advanced standing credits is given by the Office of the Dean, College of Liberal Arts, on recommendation of the Director of Graduate Studies in Psychology. The maximum number of advanced standing credits awarded is 9.

Program Requirements

General Program Requirements:

Number of Credits Required to Earn the Degree: 32-68, depending on area of specialization¹:

Code	Title	Credit Hours
	Brain and Cognitive Sciences ²	32
	Clinical Psychology	68
	Developmental Psychology ²	32
	Social Psychology ²	32

¹ For greater detail on requirements by area of specialization, consult the Department of Psychology Graduate Handbook, found at https://docs.google.com/document/d/1hoxVN1oI7ZGB10_9N0k8yVxkRDJLcMVYGTp-Nwgbm94/edit.

² 39 credits required with the Neuroscience specialization.

Required Courses:

Code	Title	Credit Hours
Core Courses		
PSY 8011	Graduate Statistics I ¹	3
PSY 8015	Teaching of Psychology	0
PSY 8021	Graduate Statistics II ¹	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 9187	Clinical Practicum ²	3
PSY 9287	Clinical Practicum ²	3
PSY 9387	Clinical Practicum ²	3
PSY 9411	Clinical Research Methodology	3
PSY 9485	Ph.D. Internship Course	2
PSY 9487	Clinical Practicum ²	3
PSY 9987	Assessment Practicum	6
Bio-integrative Course ³		3
Electives		
Clinical Elective		3
General Electives		6
Non-Didactic Courses ⁴		
		6
PSY 9994	Preliminary Examination Preparation	
PSY 9998	Pre-Dissertation Research	
PSY 9999	Ph.D. Dissertation Research	
Total Credit Hours		68

¹ Two terms of graduate coursework in Statistics must be successfully completed in the first year of study.

² Students must complete 12 credits of Clinical Practicum, including PSY 9187, PSY 9287, PSY 9387, and PSY 9487.

³ The bio-integrative course is selected from the departmental list of approved courses.

⁴ 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 semester/summer session of graduation.

Internship: An internship is required for the Clinical Psychology area of specialization.

Culminating Events:

Preliminary Examination:

The purpose of the preliminary examination is to demonstrate critical and interpretive knowledge in a specialized area of Psychology. The exam should be modeled after published literature reviews in the field and evaluated by the criteria applied to reviews that are submitted for publication to scholarly journals. The examination evaluates the student's ability to apply specific research foci to anticipated problems in Psychology. The student must demonstrate a high level of oral and written competency in reviewing, synthesizing, and evaluating an important topic in the field of Psychology.

The preliminary examination is generally completed by the end of the third year of study. The subject areas are determined, in advance, by the student and the Doctoral Advisory Committee. The Doctoral Advisory Committee must include at least three Graduate Faculty members from Temple's Psychology Department. The committee may be expanded to include other Temple Presidential faculty (from inside or outside the Department) and/or doctorally prepared experts from outside the University, provided that a majority of the members of the committee are members of Temple's Graduate Faculty. The Doctoral Advisory Committee evaluates the examination. Each member votes to pass or fail the student. In order to pass, a majority of the committee members must agree that the exam has been satisfactorily completed. The examination is defended orally following an evaluation of the written document.

Students who are preparing to write their preliminary examinations should confirm a time and date with the Chair of the Doctoral Advisory Committee and notify all members of their training program.

Proposal:

The dissertation proposal demonstrates the student's knowledge of and ability to conduct the proposed research. The proposal should consist of the following:

1. the context and background surrounding a particular research problem;
2. an exhaustive survey and review of literature related to the problem; and
3. a detailed methodological plan for investigating the problem.

The Doctoral Advisory Committee evaluates and approves the proposal or requests modifications by the student.

Dissertation:

The doctoral dissertation is an original empirical study that makes a significant contribution to the field of Psychology. It should expand the existing knowledge and demonstrate both the student's grasp of research methods and a mastery of her/his primary area of interest. Dissertations should be rigorously investigated; uphold the ethics and standards of the field; demonstrate an understanding of the relationship between the primary area of interest and the broader field of Psychology; and be prepared for publication in a professional journal.

The Dissertation Examining Committee evaluates the student's dissertation and oral defense, including the student's ability to express verbally her/his research question, methodological approach, primary findings, and implications. The Dissertation Examining Committee consists of the Doctoral Advisory Committee plus at least three additional doctorally prepared individuals. The majority of the individuals on the Committee must be members of the Temple University Graduate Faculty. The Dissertation Examining Committee votes to pass or fail the dissertation and the defense at the conclusion of the public presentation.

If a student needs to change a member of either the Doctoral Advisory Committee or the Dissertation Examining Committee, the new member must be approved by the Departmental Chair and registered with the department's Graduate Secretary and the Graduate School.

Students who are preparing to defend their dissertation should confirm a time and date with their Dissertation Examining Committee and register with the Graduate Secretary at least 15 days before the defense is to be scheduled. The Graduate Secretary arranges the time, date, and room within two working days, and forwards to the student the appropriate forms.

After the Graduate Secretary has arranged the time, date, and room for the defense, the student must send to the Graduate School a completed "Announcement of Dissertation Defense" form, found in TUportal under the Tools tab within "University Forms," at least 10 working days before the defense. The Department posts announcements of the defense, and the Graduate School lists the defense on its website.

Contacts

Program Web Address:

<http://www.cla.temple.edu/psychology/graduate/>

Department Information:

Dept. of Psychology
653 Weiss Hall
1701 N. 13th Street
Philadelphia, PA 19122-6085
deborah.drabick@temple.edu
215-204-7321

Submission Address for Materials for Applicants to Brain and Cognitive Sciences, Developmental Psychology, and Social Psychology:

<https://psycas.liaisoncas.com/>

Submission Address for Materials for Applicants to Clinical Psychology:

<http://cla.temple.edu/interfolio/psychology-phd>

Submission Address for Official Electronic Transcripts for Applicants to Clinical Psychology:

vallens@temple.edu

Submission Address for Official Paper Transcripts for Applicants to Clinical Psychology:

Vanessa Allen-Smith, Graduate Coordinator
Temple University Dept. of Psychology
1701 N. 13th Street, 653 Weiss Hall (265-67)
Philadelphia, PA 19122-6085

Department Contacts:

Clinical Psychology Admissions Director:
Dr. Robert Fauber
rfauber@temple.edu

Director, Brain and Cognitive Sciences:
Dr. Ingrid Olson
iolson@temple.edu

Director, Developmental Psychology:

Dr. Hongling Xie
hxie@temple.edu

Director, Social Psychology:
Dr. Andrew Karpinski
andrew.karpinski@temple.edu

Associate Chair:
Dr. Peter James
pjames@temple.edu
215-204-2714

Director of Graduate Studies:
Dr. Deborah Drabick
deborah.drabick@temple.edu
215-204-0957

Chairperson:
Dr. Peter Marshall
peter.marshall@temple.edu
215-204-7360

Courses

PSY 5003. Advanced Statistics. 3 Credit Hours.

This course is primarily meant to prepare master's-level psychology students to conduct statistical analyses on data related to their research, and to prepare them for more advanced courses, such as multivariate statistics (PSY 8031). Topics will include linear regression, repeated-measures ANOVA, multi-factorial ANOVA, and several nonparametric alternatives to "standard" inferential tests. In addition to significance testing, this course will focus on the measurement and interpretation of effect size and power. Students will also learn how to perform data analysis using the SPSS statistical software package.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 5100. Topics: Brain, Behavior and Cognition. 3 Credit Hours.

This graduate course is to be offered for graduate students interested in the topical course designated PSY 3100 but wish to work with the instructor to earn graduate credit.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 5103. Learning and Behavior Analysis. 3 Credit Hours.

A systematic introduction to the principles of behavior analysis with emphasis on their application as well as their origins in basic research.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 5104. Ethics and Ethical Conflicts in Psychological Science. 3 Credit Hours.

Psychologists are bound by an official code of conduct that includes general ethical principles, as well as specific enforceable standards for ethical conduct in research, education and training, public service, and clinical practice. This course will use a case study approach with fine-grained analyses of ethical conflicts to learn and understand the ethical standards set forth in the American Psychological Association's *Ethical Principles of Psychologists and Code of Conduct* (APA, 2010). We will consider both historical and recent cases of ethical misconduct in research, the concept of evidence-based treatment, and newly emerging ethical dilemmas in the field of cognitive neuroscience and imaging. Case studies and discussions will include ethical conduct relevant for graduate students.

Department Restrictions: Must be enrolled in one of the following Departments: CLA:Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(PSY 5791|Minimum Grade of B|May not be taken concurrently)
AND (PSY 5891|Minimum Grade of B|May not be taken concurrently)

PSY 5151. Motivation. 3 Credit Hours.

The course entails hands-on experience in the shaping of behavior through differential reinforcement, several field trips to sites where behavioral principles provide the basis for serving individuals with special needs (e.g., closed-head injury, autism, aggressive, and self-injurious behavior), as well as individual projects on behavior of personal concern to the course participants.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 5791. Master's Directed Research I. 1 to 4 Credit Hour.

This course is open to students in the first year of the Master of Science in Psychological Research program.

Department Restrictions: Must be enrolled in one of the following Departments: CLA:Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 5891. Master's Directed Research II. 1 to 4 Credit Hour.

This course is open to students in the first year of the Master of Science in Psychological Research program.

Department Restrictions: Must be enrolled in one of the following Departments: CLA:Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8005. Affective Neuroscience. 3 Credit Hours.

The brain is not just a thinking machine; it is also a feeling machine. This course explores the neural substrates behind emotions such as love, trust, fear, and pleasure. We will also discuss the relationship between emotions and cognition, the effect of emotions on animal and human behavior, and the biological basis of affective disorders such as anxiety and depression.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8011. Graduate Statistics I. 3 Credit Hours.

Review of hypothesis-testing methods for means, variances, correlations, and proportions. One-way ANOVA for completely randomized, blocked, and repeated measure designs. Planned and post hoc multiple comparisons.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8012. Core Course in History and Systems of Psychology. 3 Credit Hours.

An historical and conceptual analysis of the principle ideas and movements that have contributed to fundamental theoretical and methodological features of contemporary psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8015. Teaching of Psychology. 0 to 1 Credit Hours.

Required of all graduate teaching assistants during their first semester of teaching. Designed to assist and prepare them for their teaching duties. Supervision and feedback are used to promote effective communication and teaching skills.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

PSY 8016. Professional Development Seminar. 2 Credit Hours.

This course is taken concurrently with PSY 8015, the Professional Development Seminar Series (PDS). The course will provide in-depth coverage of issues introduced at PDS seminars and roundtables, along with supporting activities and discussions relevant to students working towards the MS degree in Psychological Research. Students engage in structured written exercises that reinforce necessary professional skills, including preparation of CVs, abstracts for conference presentations, peer review of manuscripts, and grant writing. The major project in this course will be preparation of a draft for a National Science Foundation Graduate Research Fellowship application.

Department Restrictions: Must be enrolled in one of the following Departments: CLA:Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Co-requisites: PSY 8015.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(PSY 5003|Minimum Grade of B|May not be taken concurrently)

AND (PSY 5791|Minimum Grade of B|May not be taken concurrently)

AND (PSY 5891|Minimum Grade of B|May not be taken concurrently)

PSY 8021. Graduate Statistics II. 3 Credit Hours.

Multway ANOVA for completely randomized and repeated measures, nested designs, covariance designs. Simple effects and planned and post hoc comparisons. Use of available statistical computer programs.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

PSY 8011|Minimum Grade of B|May not be taken concurrently.

PSY 8031. Survey of Multivariate Techniques. 3 Credit Hours.

Beginning with bivariate correlation and regression, generalizations are made, through the aid of matrix algebra, to multiple regression and correlation. Multivariate techniques also include principal components, canonical correlation, and multivariate analysis of variance use of available statistical programs.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

PSY 8011|May not be taken concurrently.

PSY 8032. Structural Equation Modeling. 3 Credit Hours.

This graduate course overviews the application of structural equation modeling to various analysis problems confronted throughout the social, behavioral, and health sciences. Topics will include confirmatory factor analysis, measurement and structural models, path analysis, mediation, latent growth modeling, assessing model fit, and implementation of methods in statistical software.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

PSY 8021|May not be taken concurrently.

PSY 8033. Hierarchical Linear Modeling. 3 Credit Hours.

Usually, this takes the form of individuals nested in bounded social organizations (e.g., students nested in schools or residents nested in neighborhoods), speaking to issues of social influence that the social sciences endeavor to address. This course will introduce students to HLM techniques, with a focus on practical applications of HLM. The course will focus on HLM applications to single continuous outcomes—analyzing the effects of context on individual outcomes and analyzing longitudinal data. HLM for binary outcomes and multivariate situations (multiple dependent variables) and (time allowing) HLM for cross-nested designs will also be covered.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

PSY 8021|May not be taken concurrently.

PSY 8041. Factor Analysis and Scaling. 3 Credit Hours.

Factor analysis covers exploratory and confirmatory methods, estimation procedures, factor transformations, as well as extensions and applications of the factor model. Scaling covers the laws of comparative and categorical judgment, goodness-of-fit tests, metric and nonmetric multidimensional scaling, and clustering methods.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

PSY 8031|May not be taken concurrently.

PSY 8051. Focused Analysis of Research Data. 3 Credit Hours.

An examination of focused methods of primary and secondary data analysis, taught within the conceptual framework of meta-analysis. Particular emphasis is given to the use of contrasts, indices of effect size, confidence intervals, simple graphical methods, etc., in confirmatory and exploratory data analysis.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(PSY 8011|May not be taken concurrently
AND PSY 8021|May not be taken concurrently)

PSY 8110. Topical Seminars in Experimental Psychology. 3 Credit Hours.

Examination of different topics within experimental psychology, varied from semester to semester.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8120. Topical Seminars in Experimental Psychology. 3 Credit Hours.

Examination of different topics within experimental psychology, varied from semester to semester.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8130. Topical Seminars in Physiological Psychology. 3 Credit Hours.

Topics vary from semester to semester.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8210. Topical Seminars in Learning. 3 Credit Hours.

Topics vary from semester to semester.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8212. Core Course in Learning and Behavioral Analysis. 3 Credit Hours.

An examination of the fundamental concepts in learning and behavioral analysis.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8310. Topical Seminar in Cognitive Psychology. 3 Credit Hours.

Topics vary from semester to semester. Students may repeat this course.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8312. Core Course in Cognitive Psychology. 3 Credit Hours.

Review of theory and research in the areas of memory, language, and thinking.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8410. Multicultural Issues in Clinical Psychology. 3 Credit Hours.

Topics such as depression, sexuality, neuropsychology, death and dying, stress, impulsivity, specialized treatment approaches, and others are varied from semester to semester according to programmatic needs.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8411. Cognitive-Behavioral Therapies. 3 Credit Hours.

Surveys cognitive-behavioral approaches to the treatment of the major classes of mental, behavioral and emotional disorders. Emphasis is placed on cognitive-behavioral models and case formulation as well as empirical evaluation of the relevant cognitive-behavioral treatment outcome literature.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8412. Core Course in Psychopathology. 3 Credit Hours.

The course will review concepts, theory, and research in psychopathology. Behavioral, cognitive, interpersonal, psychodynamic, sociocultural, genetic, and biological/neuroscience aspects of psychopathology will be covered as appropriate, depending on the disorder. The course will emphasize descriptive psychopathology (e.g. phenomenology, epidemiology, course of disorder) and issues of etiology, rather than treatment, although some work on treatment will also be discussed. The major goals of the course are knowledge of the nature of various mental disorders and what is known about their causes and risk factors, an appreciation of important issues in psychopathology, and development of the ability to think clearly and critically about these issues.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8413. Psychological Assessment I. 3 Credit Hours.

A year-long course; surveys concepts of intelligence and teaches the administration, scoring, and interpretation of individually administered tests. The evaluation of learning disabilities and neuropsychological disorders is also covered. Surveys the diagnostic system of mental disorders. Teaches the administration, scoring, and interpretation of projective tests and other procedures used to identify and understand clinical dynamics.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8420. Topical Seminars in Clinical Psychology. 3 Credit Hours.

Topics such as depression, sexuality, neuropsychology, death and dying, stress, impulsivity, specialized treatment approaches, and others are varied from semester to semester according to programmatic needs.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8423. Psychological Assessment II. 3 Credit Hours.

A year-long course; surveys concepts of intelligence and teaches the administration, scoring, and interpretation of individually administered tests. The evaluation of learning disabilities and neuropsychological disorders is also covered. Surveys the diagnostic system of mental disorders. Teaches the administration, scoring, and interpretation of projective tests and other procedures used to identify and understand clinical dynamics.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8430. Topical Seminars in Clinical Psychology IV. 3 Credit Hours.

Topics such as depression, sexuality, neuropsychology, death and dying, stress, impulsivity, specialized treatment approaches, and others are varied from semester to semester according to programmatic needs.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8433. Clinical Psychology: Scientific and Professional Dimensions. 3 Credit Hours.

History, ethics, research and service methodologies, psychometrics, and topical discussions pertinent to the relationships between psychological science and the practice of clinical psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8453. Personality and Psychotherapy. 3 Credit Hours.

An examination of Freudian/Modern psychoanalytic and existential theories and their application to personality, psychopathology and treatment.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8481. Social, Cognitive, and Developmental Aspects of Behavior. 3 Credit Hours.

This is a general graduate level survey course that will include three 5-week evaluated education experiences (EEE's) focusing on each of (a) social aspects of behavior (b) cognitive aspects of behavior and (c) developmental aspects of behavior. The social EEE will include topics such as group processes, attributions, discrimination and attitudes. The developmental EEE will include topics such as transitions, growth, and development across an individual's life. The cognitive EEE will include topics such as learning, memory, thought processes, and decision-making. As a part of each EEE, students will be assigned primary readings of classic articles in the area as well as recent research findings. This course is designed to meet the American Psychological Association requirements for discipline specific knowledge in social, cognitive, and developmental aspects of behavior.

Department Restrictions: Must be enrolled in one of the following Departments: CLA:Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8510. Topical Seminar in Developmental Psychology I to IV. 3 Credit Hours.

In different semesters these courses focus on topics such as aging, adolescence, infancy, language development, learning and memory development, perceptual development, and theories of development.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8512. Core Course in Developmental Psychology. 3 Credit Hours.

Consideration of theories and related research on human development.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8513. Cognitive Development. 3 Credit Hours.

Theories of cognitive development (including Piaget, Werner, information processing) and exploration of issues and research generated by these theories. Includes consideration of sensory-motor, perceptual, language, memory, and conceptual development.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

PSY 8512|May not be taken concurrently.

PSY 8610. Topical Seminar in Organizational-Social. 3 Credit Hours.

Topics selected depend on the current emphasis in the field and interests of the students. A student may repeat this course.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8612. Core Course in Social Psychology. 3 Credit Hours.

A survey of theoretical foundations and the substantive and methodological issues of social psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 8613. Advanced Social Psychology. 3 Credit Hours.

Topics selected depend on the current emphases in the field and interests of the students. A student may repeat this course.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 8712. Core Course in Behavioral Neuroscience. 3 Credit Hours.

An examination of brain-behavior relationships in the context of evolution.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 9183. Readings in Psychology. 3 Credit Hours.

A post-master's advanced tutorial course.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9187. Clinical Practicum. 3 Credit Hours.

Under the auspices of the Psychological Services Center, students work with a different faculty member for each of four semesters. Each semester will emphasize either a different client population or a different orientation to the assessment and treatment of child, family, and adult disorders. Faculty assignments and the focus of group supervision vary from semester to semester.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9283. Readings in Psychology. 1 to 3 Credit Hour.

A post-master's advanced tutorial course.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9287. Clinical Practicum. 3 Credit Hours.

Under the auspices of the Psychological Services Center, students work with a different faculty member for each of four semesters. Each semester will emphasize either a different client population or a different orientation to the assessment and treatment of child, family, and adult disorders. Faculty assignments and the focus of group supervision vary from semester to semester.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9387. Clinical Practicum. 3 Credit Hours.

Under the auspices of the Psychological Services Center, students work with a different faculty member for each of four semesters. Each semester will emphasize either a different client population or a different orientation to the assessment and treatment of child, family, and adult disorders. Faculty assignments and the focus of group supervision vary from semester to semester.

Field of Study Restrictions: Must be enrolled in one of the following Majors: Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9411. Clinical Research Methodology. 3 Credit Hours.

Focuses on design issues and major methodological problems in research on such topics as psychotherapy outcome, characteristics of diagnostic groups, and stress in families. Particular attention is given to internal and external validity threats, advantages and disadvantages of assessment methods, principles of test construction, challenges and alternatives to traditional research methods, single subject designs, and approaches to integrating clinical research and practice.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

PSY 9485. Ph.D. Internship Course. 1 to 6 Credit Hour.

For clinical students only who are on internship.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9487. Clinical Practicum. 3 Credit Hours.

Under the auspices of the Psychological Services Center, students work with a different faculty member for each of four semesters. Each semester will emphasize either a different client population or a different orientation to the assessment and treatment of child, family, and adult disorders. Faculty assignments and the focus of group supervision vary from semester to semester.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9587. Clinical Practicum. 3 Credit Hours.

Under the auspices of the Psychological Services Center, students work with a different faculty member for each of four semesters. Each semester will emphasize either a different client population or a different orientation to the assessment and treatment of child, family, and adult disorders. Faculty assignments and the focus of group supervision vary from semester to semester.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9987. Assessment Practicum. 3 Credit Hours.

The assessment practicum is designed to provide clinical students in-depth training in comprehensive psychological/neuropsychological assessment. Under the auspices of the Psychological Services Center, students work with a faculty member who is a licensed psychologist for two semesters conducting psychological assessments. Integration of test results and other sources of information (e.g., interview, medical history, informant reports, etc.) will be emphasized. Additionally, the assessment practicum will focus on generating recommendations based on the psychological/neuropsychological assessment and communicating results to clients and referral sources.

Department Restrictions: Must be enrolled in one of the following Departments: CLA:Psychology.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

Pre-requisites:

(PSY 8413|Minimum Grade of B-|May not be taken concurrently)

AND (PSY 8423|Minimum Grade of B-|May not be taken concurrently)

PSY 9991. Research. 1 to 6 Credit Hour.

Intended to meet the needs of students who desire to carry on an individual investigation while working for the master's degree.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9994. Preliminary Examination Preparation. 1 to 6 Credit Hour.

Preparation for the preliminary examination.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9998. Pre-Dissertation Research. 1 to 6 Credit Hour.

Independent research for the dissertation proposal. Registration each semester required until approval and elevation to candidacy.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may be repeated for additional credit.

PSY 9999. Ph.D. Dissertation Research. 1 to 6 Credit Hour.

After passing the preliminary examinations and having an approved proposal, Ph.D. students must register each semester for this course until the completion of the dissertation.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Student Attribute Restrictions: Must be enrolled in one of the following Student Attributes: Dissertation Writing Student.

Repeatability: This course may be repeated for additional credit.