

PSYCHOLOGY GRADUATE MAJOR (MS, PHD, MAIS)

Graduate Areas of Concentration

Applied cognition, engineering psychology, health psychology

The MS and PhD program is a doctoral program with a master's degree component that is obtained en route to the PhD. The MS portion of the program assures that students have experience designing and conducting research prior to the dissertation stage. The program has a strong research component, ensuring that graduates have the tools to tackle a variety of applied problems. This entails both classwork in research methods and statistics and a continuing emphasis on student research.

The program's general focus is on the application of psychological research methods, theories, and principles to solving practical problems. The program has three areas of concentration: applied cognition, engineering psychology, and health psychology.

Applied cognition is the application of research on thinking, learning, decision-making, perception, social judgment, and other cognitive processes to applied issues. Examples of relevant application areas include the psychology of teaching and learning, the effects of contemplative practice, and risk perception.

Engineering psychology refers to research at the intersection of psychology and technology. Relevant topics include such things as the improvement of technology, human-machine interfaces, transportation, information systems, and work and living environments (as in the Mission of Division 21 of the American Psychological Association).

Health psychology concerns the relations between psychological factors (e.g., cognition, motivation, individual and interpersonal behavior, emotion) and human wellness broadly defined (as in the mission of the APA Division 38).

Graduates of the Psychology MS, PhD program will be qualified to define, assess, analyze and evaluate problems in both the private and public sector that are behavior based. Graduates will be trained to apply the scientific method and use evidence-based information to design educational programs, work environments, management teams, information delivery systems, technology-based tools. Additionally, all graduates will be equipped to train the next generation of teachers, researchers, and practitioners in the concentration areas.

Admission Requirements

Bachelor's or Master's degree from an accredited institution; minimum undergraduate GPA of 3.2/4.0 or graduate GPA of 3.5/4.0; GREs; TOEFL score of at least 600 (paper exam) 250 (computer exam), or 100 (internet exam); three letter of recommendation; personal statement.

The Psychology PhD program requires a minimum of 111 credits, including at least 36 credits of dissertation. The program is organized into core requirements for all students, along with additional work in a concentration area composed of electives, the nature of which is defined primarily by the student's research focus.

The core requirements are in research methods, professional issues, and basic content in psychology. The required core curriculum provides a

critical foundation in quantitative and research methods, core theory in psychological science, ethics, and professional issues.

No more than 15 credits of blanket-numbered classes, excluding dissertation, thesis, or internship credit, may be used towards the 111 credit minimum.

Code	Title	Hours
Methods Core		
ST 511	METHODS OF DATA ANALYSIS	4
ST 512	METHODS OF DATA ANALYSIS	4
ST 513	METHODS OF DATA ANALYSIS	4
PSY 514	RESEARCH METHODS I	4
PSY 571	GRADUATE PSYCHOMETRICS	4
Professional Core		
PSY 521	ISSUES IN PROFESSIONAL PSYCHOLOGY (Take 3 times)	3
PSY 523	ETHICS IN PSYCHOLOGICAL RESEARCH	1
Basic Content Core		
Select three of the following:		12
PSY 531	GRADUATE BEHAVIORAL NEUROSCIENCE	
PSY 541	GRADUATE SEMINAR IN COGNITION	
PSY 551	LIFESPAN DEVELOPMENTAL SCIENCE	
PSY 561	GRADUATE SOCIAL PSYCHOLOGY	
PSY 581	GRADUATE SEMINAR IN CLINICAL RESEARCH AND THEORY	
PSY 591	GRADUATE SEMINAR IN HEALTH PSYCHOLOGY	
Concentration Electives		
Select six courses for 24 credits of the following:		24
PSY 510	FIELD EXPERIENCE IN HUMAN SERVICES	
PSY 526	PSYCHOLOGY OF GENDER	
PSY 533	PSYCHOPHARMACOLOGY	
PSY 537	MOTIVATION	
PSY 542	PERCEPTION	
PSY 544	LEARNING AND MEMORY	
PSY 548	CONSCIOUSNESS	
PSY 554	COGNITIVE DEVELOPMENT	
PSY 556	SOCIAL DEVELOPMENT	
PSY 558	LANGUAGE ACQUISITION	
PSY 564	SOCIAL COGNITION	
PSY 566	FAT STUDIES	
PSY 582	PSYCHOTHERAPY	
PSY 583	DEVELOPMENTAL PSYCHOPATHOLOGY	
PSY 585	BEHAVIOR MODIFICATION	
PSY 592	CONSERVATION PSYCHOLOGY	
PSY 594	ENGINEERING PSYCHOLOGY	
PSY 595	PSYCHOLOGY OF MEDITATION	
PSY 596	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY	
PSY 599	SPECIAL TOPICS	
PSY 643	APPLIED COGNITION	
PSY 649	ADVANCED ENGINEERING PSYCHOLOGY	
PSY 697	GRADUATE PSYCHOLOGICAL SCIENCE OF TEACHING AND LEARNING	

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PSY 699 SPECIAL TOPICS

Research/Dissertation		
PSY 501	RESEARCH	9
PSY 503	THESIS	6
PSY 603	THESIS/DISSERTATION	36
Total Hours		111

Major Code: 9700