PSYCHOLOGY

OVERVIEW

Additional clinical, research, and adjunct faculty supervise students in clinical and research placements.

The Ph.D. program in General/Experimental Psychology admits students in five broad areas of concentration (“clusters”): Biobehavioral Psychology; Developmental Psychology; Clinical/Developmental Psychology; Social Psychology; and Behavioral Psychopharmacology.

The Ph.D. program in Clinical Psychology places equal emphasis on research and clinical training. The Clinical Psychology program is fully accredited by the American Psychological Association.

Further information about both programs can be obtained electronically from the Department of Psychological Science website at http://www.uvm.edu/psychology/graduate/, which contains details of requirements, funding opportunities, clinical and research facilities, specialty areas, ongoing research, and faculty, as well as general information about the university and the area.

Applicants must apply for the Ph.D. degree only. Students whose goal is a terminal master's degree are not accepted. The application deadline for admission is December 1st for the Clinical program, January 2nd for the General/Experimental program.

DEGREES

- Psychology M.A.
- Psychology Ph.D.

FACULTY

Abaied, Jamie L.; Assistant Professor, Department of Psychology; PHD, University of Illinois Urbana-Champaign
Achenbach, Thomas Max; Professor, Department of Psychiatry; PHD, University of Minnesota Twin Cities
Althoff, Robert; Associate Professor, Department of Psychiatry; MD, University of Illinois
Bouton, Mark Earhart; Professor, Department of Psychology; PHD, University of Washington
Burt, Keith B.; Associate Professor, Department of Psychology; PHD, University of Minnesota Twin Cities
Delay, Eugene Raymond; Associate Professor, Department of Biology; PHD, University of Georgia
Dumas, Julie Anna; Associate Professor, Department of Psychiatry; PHD, University of North Carolina
Falls, William A.; Professor, Department of Psychology; PHD, Yale University
Fondacaro, Karen Marie; Clinical Professor, Department of Psychology; PHD, University of Vermont
Forehand, Rex L.; Professor, Department of Psychology; PHD, University of Alabama
Gaalema, Diann E.; Assistant Professor, Department of Psychiatry; PHD, Georgia Institute of Technology
Garavan, Hugh P.; Associate Professor, Department of Psychiatry; PHD, Bowling Green State University
Green, John Thomas; Associate Professor, Department of Psychology; PHD, Temple University
Guitar, Barry Estill; Professor, Department of Communication Sciences; PHD, University of Wisconsin Madison
Hammack, Sayamwong E.; Associate Professor, Department of Psychology; PHD, University of Colorado
Harder, Valerie Susan; Assistant Professor, Department of Psychiatry; PHD, Johns Hopkins University
Heil, Sarah H.; Associate Professor, Department of Psychiatry; PHD, Dartmouth College
Higgins, Stephen Thomas; Professor, Department of Psychiatry; PHD, University of Kansas
Hoza, Betsy; Professor, Department of Psychology; PHD, University of Maine
Hughes, John Russell; Professor, Department of Psychiatry; MD, University of Massachusetts Amherst
Miller, Carol Therese; Professor, Department of Psychology; PHD, Purdue University
Murray-Close, Dianna Katharine; Associate Professor, Department of Psychology; PHD, University of Minnesota Twin Cities
Pinel, Elizabeth C.; Associate Professor, Department of Psychology; PHD, University of Texas Austin
Potter, Alexandra S.; Assistant Professor, Department of Psychiatry; PHD, University of Vermont
Price, Matthew; Assistant Professor, Department of Psychology; PHD, Georgia State University
Rellini, Alessandra; Associate Professor, Department of Psychology; PHD, University of Texas Austin
Rohan, Kelly Joanna; Professor, Department of Psychology; PHD, University of Maine
Schmerhorn, Alice C.; Assistant Professor, Department of Psychology; PHD, University of Notre Dame
Sigmon, Stacey C.; Associate Professor, Department of Psychiatry; PHD, University of Vermont
Solomon, Sondra Elice; Associate Professor, Department of Psychology; PHD, University of Vermont
Stickle, Timothy R.; Associate Professor, Department of Psychology; PHD, University of Arizona
Toufexis, Donna J.; Associate Professor, Department of Psychology; PHD, McGill University

Courses

PSYS 300. History of Psychology. 3 Credits.
Review of major theoretical and empirical developments in psychology, including schools of psychology that have influenced contemporary models of psychology. Prerequisite: Psychology graduate student.

PSYS 301. Faculty Seminar. 0 Credits.
Introduction to specialized areas of psychology. Prerequisite: Psychological Science Graduate standing.
PSYS 303. Seminar in Psyc Research Meth. 3 Credits.
Topics may include but are not limited to: factor analysis, discriminant function analysis, multivariate analysis of variance, advanced experimental design, and computer application in data collection and analysis. Prerequisites: Psychology graduate standing and PSYS 304.

PSYS 304. Adv Statistical Methods I. 3 Credits.
Statistical methods for evaluating psychological data. Emphasizes exploring data with respect to research hypotheses. Critical study of hypothesis tests on means, chi-square, and correlational techniques. Prerequisite: Psychological Science or Neurosciences Graduate standing only.

PSYS 305. Adv Statistical Methods II. 3 Credits.
Continuation of PSYS 304. In-depth study of the analysis of variance and multiple regression. Further study of analysis and interpretation of data from the behavioral sciences. Prerequisites: Psychology or Neuroscience graduate standing and PSYS 304.

PSYS 306. Analysis of Longitudinal Data. 3 Credits.
Statistical methods for the analysis of data collected over time, with an emphasis on linear mixed models (LMMs) in applied psychological research. Prerequisites: Psychology or Neuroscience graduate standing; and PSYS 304 and PSYS 305.

PSYS 307. Structural Equation Modeling. 3 Credits.
Introduction to confirmatory factor analysis, path analysis, and structural equation methods, with an emphasis on applied psychological research. Prerequisites: Psychology or Neuroscience graduate standing; and PSYS 304 and PSYS 305.

PSYS 311. Seminar in Learning Theory. 3 Credits.
Review and analysis of contemporary theories of associative learning. Prerequisite: Psychology graduate standing only.

PSYS 312. Cognitive Neuroscience. 3 Credits.
Exploration of the neural bases of complex cognitive functions in humans, including memory, attention, executive functions, and consciousness, through a survey of recent journal articles. Prerequisite: Psychology or Neuroscience graduate standing only.

PSYS 313. Emotion. 3 Credits.
Analysis of research and theory on emotion from biological, psychological, cognitive, and psychosocial perspectives. Research literature considering clinical disorders of emotion will also be considered. Prerequisite: Psychology graduate standing only.

PSYS 315. Biobehavioral Proseminar. 3 Credits.
Advanced survey and analysis of behavioral and biological psychology, with special emphasis on learning theory and behavioral neuroscience. Prerequisite: Psychology and Neuroscience graduate standing only.

PSYS 316. Neuropsychopharmacology. 3 Credits.
Explores the foundations of behavior by examining the role of neurotransmitters, neuromodulators, and drugs in the production of normal and abnormal behavior. Prerequisite: Psychology or Neuroscience graduate standing only.

PSYS 319. Neurobio of Learning & Memory. 3 Credits.
Exploration of the neural bases of learning and memory, using a brain systems approach, through a survey of recent journal articles. Prerequisite: Psychology or Neuroscience graduate standing only.

PSYS 320. Animal Minds. 3 Credits.
Examination of historical and modern scientific research literature on cognition as it is represented in the behavior of animals. Considers evolutionary, behavioristic, and cognitive perspectives. Prerequisite: Psychology or Neuroscience graduate standing only.

PSYS 330. Proseminar in Exp Social Psych. 3 Credits.
Advanced analysis of experimental social psychology, including examination of social psychological theories, methods, and key research findings. Prerequisite: Psychology graduate standing only.

PSYS 332. Cognition in Social Behavior. 3 Credits.
Examination of social attribution, interpersonal set, perspectives in social encounter, and the formulation of interpersonal strategies. Prerequisite: Psychology graduate standing only.

PSYS 350. Developmental Proseminar. 3 Credits.
This seminar focuses on key issues in developmental psychology, including an examination and critique of psychological theories, methods, and research in child and adolescent development. Prerequisite: Psychology graduate standing only.

PSYS 351. Advanced Developmental Psyc. 3 Credits.
Critical analysis of selected topics in developmental psychology with emphasis on research and theory in areas such as moral development, infancy, and early conceptual development. Prerequisite: Psychology graduate standing only.

PSYS 352. Emotional Dev & Temperament. 3 Credits.
Development of emotion and temperament from infancy through middle childhood, including links between these topics and physiology and context (e.g., attachment, parenting, family conflict). Prerequisites: Graduate standing; Psychological Science major.

PSYS 354. Social Development. 3 Credits.
This course will include an examination and critique of psychological theories, methods, and research about social development from infancy through young adulthood. Prerequisite: Psychology graduate standing only.

PSYS 355. Psychology of Gender. 3 Credits.
Advanced survey of psychological theories, methods, and research about gender. Focuses on gender similarities and differences in affect, cognition, and behavior. Prerequisite: Psychology graduate standing only.

PSYS 361. Developmental Psychopathology. 3 Credits.
Provides an overview of theoretical, methodological, and analytic approaches in developmental psychopathology. Prerequisite: Psychology graduate standing only.

PSYS 370. Child Psychopathology. 3 Credits.
An advanced course dealing with models of classification, diagnosis, epidemiology of behavior disorders in children. Prerequisite: Psychology graduate standing only.
PSYS 371. Adult Psychopathology. 3 Credits.
An advanced course dealing with models of classification, diagnosis, epidemiology of behavior disorders in adults. Prerequisite: Psychology graduate standing only.

PSYS 372. Child & Adolescent Psych Assess. 0 or 3 Credits.
Interviewing, intelligence testing, behavioral assessment, social cognition, family environments, specific disorders of childhood. Supervised assessment practicum (100 hours) in in-patient and out-patient mental health settings and schools. Prerequisite: Psychology graduate standing only.

PSYS 373. Adult Psychological Assessment. 0 or 3 Credits.
Theories and strategies of psychological intervention. Supervised service delivery (150 hours) at University Counseling and Testing Center including individual and group therapy and crisis intervention. Prerequisite: Psychology graduate standing only.

PSYS 374. Behavior Therapy: Children. 3 Credits.
Review of literature relating to theory, practice, research. Emphasis on the evaluation of a variety of procedures applied to behavior disorders in children. Prerequisite: Psychology graduate standing only.

PSYS 375. Adult Cognitive & Behav Thrp. 3 Credits.
Review of literature relating to theory, practice, research. Emphasis on the evaluation of a variety of procedures applied to behavior disorders in adults. Prerequisite: Psychology graduate standing only.

PSYS 376. Cross Culture Clin Interv/Rsc. 3 Credits.
Issues for psychologists regarding clinical intervention and research with Black, Latino/a, Native American, Asian American, and international populations of color with an eye toward cultural competence. Prerequisite: Psychology graduate standing only.

PSYS 377. Clinical Human Neuropsychology. 3 Credits.
Clinical seminar on effects on human behavior of neocortical dysfunction. Review of theoretical, clinical approaches to brain function, emphasis on recent developments in diagnostic techniques, ensuing theoretical developments. Prerequisite: Psychology graduate standing only.

PSYS 378. Dialectic Behavior Therapy. 3 Credits.
Examines the theoretical perspectives, empirical foundations, and treatment strategies of Dialectical Behavior Therapy (DBT). DBT is a treatment specifically designed for chronically suicidal patients. Prerequisite: Psychology graduate standing only.

PSYS 380. Professional Affairs & Ethics. 3 Credits.
The origins of professions and of psychology in particular. Accreditation, laws affecting psychology, organization of the profession, licensing certification, and the code of ethics for psychology. Prerequisite: Psychology graduate standing only.

PSYS 385. Advanced Clinical Practicum. 0-1 Credits.
Year-long, 20 hours/week supervised service delivery involving psychological intervention assessment and consultation. May be repeated for credit. Prerequisite: Psychology graduate standing only.

PSYS 389. Internship in Clinical Psych. 0 Credits.
Clinical psychology internship experience. Prerequisite: Psychology graduate standing only.

PSYS 390. Contemporary Topics. 3 Credits.
Selected topics in depth; emphasis on critical analysis of original literature. Prerequisite: Psychology graduate standing only.

PSYS 391. Master's Thesis Research. 1-18 Credits.
Research leading toward completion of the master's thesis. Prerequisite: Psychology graduate standing only.

Discussion of current research and student research presentation in areas of concentration ("clusters"). Prerequisite: Psychology graduate standing only.

PSYS 395. Advanced Readings/Research. 1-6 Credits.
Readings, with conferences, to provide graduate students with background and specialized knowledge relating to an area in which an appropriate course is not offered. Prerequisite: Psychology graduate standing only.

PSYS 396. Advanced Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles. Prerequisites: Psychology Graduate Standing Only; Instructor permission.

PSYS 491. Doctoral Dissertation Research. 1-18 Credits.
Research leading toward completion of the doctoral dissertation. Prerequisite: Psychology graduate standing only.