PSYCHOLOGY

http://www.psy.miami.edu

Dept. Code: PSY

Complete details about the Psychology Graduate Program, including description of our three graduate divisions (Adult, Child, and Health), faculty research interests, and admission requirements, can be found at our website listed above.

Doctoral

Doctoral Program in Psychology

- Ph.D. in Psychology (http://bulletin.miami.edu/graduate-academic-programs/arts-sciences/psychology/psychology-phd)

Courses

PSY 601. Issues in Professional Development and Research. 1 Credit Hour.
Seminar addressing issues such as structure of academic systems and progress through them, time management, library search systems, professional journals, how to structure curriculum vitae, procedures and rules in human subject research, professional meetings and presentations, extramural funding opportunities, professional writing style, ethical issues.
Requisite: Plan of Graduate Psychology.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 602. Scientific writing and grantsmanship. 3 Credit Hours.
Writing and organizational skills for professional development in social and behavioral sciences. Mechanism of extramural funding and grant review, including grantsmanship.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 603. Neuroanatomy. 3 Credit Hours.
Functional neuroanatomy for individuals engaged in basic neuroscience and psychological research. Gross anatomy, identification of pathways and circuits, and physiological functions of neuroanatomical systems. Clinical examples and case histories of neuroanatomical disorders. Laboratory exercises including brain dissections, examination of brain models and atlases, and internet neuroanatomy websites.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 604. Cognition and Emotion. 3 Credit Hours.
Study of basic cognitive processes of attention and memory, the function of emotions, and the role of cognitive mechanisms in the processing of affective information.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 605. Cognitive Neuroscience. 3 Credit Hours.
Brain mechanisms in cognition and behavior, including sensory encoding and perception, attention, motivation, emotion, learning/memory, language, executive functions, and mental disorders.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 606. Biobehavioral Processes and Disease in Health Psychology. 3 Credit Hours.
Central nervous system, cardiovascular, endocrine, immune, and other biological processes examined in the context of behavioral medicine and health psychology research. Discussion of basic mechanisms in physiological regulation and dysregulation of the cardiovascular and immune systems, with specific reference to cardiovascular behavioral medicine and psychoneuroimmunology.
Prerequisite: PSY 610.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 609. Psychopharmacology. 3 Credit Hours.
Basic methods and current issues in psychopharmacology.
Prerequisite: PSY 605.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 610. Behavioral Medicine: Overview of Basic Science, Public Health & Clinical Trial Approaches. 3 Credit Hours.
Overview of biobehavioral, psychosocial and sociocultural factors in pathogenesis, prevention and treatment of physical disorders.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 613. Psychoneuroimmunology. 3 Credit Hours.
Structural and functional aspects of the immune system that are sensitive to neural and psychological processes. Interactions between the nervous and immune systems are examined in relation to empirical associations between psychological factors (i.e., stress) and immune-mediated processes in diseases such as cancer and AIDS.
Prerequisite: PSY 605.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 614. Diversity issues in psychology. 3 Credit Hours.
Overview of diversity issues including race, religion, gender, age, sexual orientation, physical disability and socioeconomic status as they relate to psychological research and clinical practice.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 615. Foundations of neuropsychology. 3 Credit Hours.
Mechanisms of neurological and psychiatric disorders, including developmental disorders, dementia, aphasia, amnesia, stroke, traumatic brain injury, and loss of general intelligence. Clinical tools for neuropsychological assessment, forensics, and genetic screening.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.
PSY 616. Biobehavioral Processes and Clinical Research Applications in Health Psychology. 3 Credit Hours.
Conduct of clinical research and examination of biobehavioral processes in health psychology. Lectures, readings and assignments deal with clinical research involving pathology, assessment and intervention-based functions with applications focused on health and disease conceptualized at multiple levels of prevention.
Prerequisite: PSY 606 and PSY 610.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 620. Developmental Psychology. 3 Credit Hours.
Emphasis on applied research and interventions.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 621. Theories of Development. 3 Credit Hours.
Theoretical aspects of psychological development throughout the life span.
Prerequisite: PSY 620.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 622. Cognitive Development. 3 Credit Hours.
Theories of cognitive development across infancy, childhood, and adolescence. Topics include measurement approaches, normative development, individual differences, etiological factors and contextual influences.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 623. Language Development. 3 Credit Hours.
Theories of receptive and expressive language development across childhood. Topics include measurement approaches, normative development, individual differences, etiological factors and contextual influences.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 624. Social Development. 3 Credit Hours.
The theoretical and empirical literature on typical and atypical social development-including emotional development and social cognition--in infants, children, and adolescents. Topics include measurement approaches, individuals differences and contextual influences.
Prerequisite: PSY 620.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 625. Social Psychology. 3 Credit Hours.
Overview of the major substantive areas and theories of social psychology. Emphasis on applications to health-related concerns.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 631. Psychological Statistics, Research Methods, and Design. 3 Credit Hours.
Statistics for experimental design with uncorrelated independent variables. Review of t-tests; designs and applications of analysis of variance; including one-way, factorial, repeated-measures, and mixed designs; post hoc comparisons among means.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 632. Multiple Regression and Multivariate Statistics. 3 Credit Hours.
Techniques for the analysis of multiple quantitative measurements including multiple regression, multivariate analysis of variance, discriminant analysis and canonical correlation. Computer application of these techniques to the behavioral sciences.
Prerequisite: PSY 630 or EPS 568, and EPS 653.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 633. Structural Equation Modeling. 3 Credit Hours.
Structural equation modeling. Specific and testing explicit theory based models of covariances among variables. Structural models, path analysis, measurement models, and confirmatory factor analysis, particularly related to hypotheses about causal relations, change over time, and comparisons across diverse populations.
Prerequisite: PSY 632.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 634. Hierarchical Linear Evaluation. 3 Credit Hours.
Hierarchical linear modeling. Multi-level modeling of nested and non-independent data. Application of multi-level modeling to social science and behavioral data, including computer laboratory exercises.
Prerequisite: PSY 632.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 636. Research Methods With Children And Adolescents. 3 Credit Hours.
Concepts and research design approaches for the measurement and analysis of data across developmental stages from infancy through adolescence.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 638. Psychology of Infant Development. 3 Credit Hours.
Theory, research, and methodology pertaining to psychological development in the first two years of life. Applied research on infancy as it pertains to individual differences in cognitive, social, and emotional development.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.
PSY 639. Autism And Developmental Disabilities. 3 Credit Hours.
Developmental disabilities with an emphasis on autism. Biological, social, cognitive and emotional concomitants. History, etiology, assessment, and individual differences.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 640. Adult Psychopathology. 3 Credit Hours.
Theories, models, history, and research relevant to various patterns of problematic behavior, with a focus on adults. The influences of family systems as well as cultural and other diversity factors (e.g., ethnicity, sexual orientation) are included.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 641. Child and Adolescent Psychopathology. 3 Credit Hours.
Theories, models, and research relevant to the development and the course of behavioral disorders and other problems (e.g., maltreatment, exposure to violence and poverty) that emerge in childhood and adolescence. The influences of family and peer systems as well as cultural and other diversity factors (e.g., ethnicity, sexual orientation) are included.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 642. Advanced Adult Psychopathology. 3 Credit Hours.
Theory and research on risk factors and etiological models of mental disorders. Socioenvironmental (cultural, social support, life events), psychological (temperament, cognitive biases), and biological (genes, neurotransmitters) models of risk, research methodology, and design are discussed.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 643. Behavioral Medicine and Developmental Disabilities. 3 Credit Hours.
Processes influencing diagnosis and management of developmental disabilities: genetics, embryology/fetology, physical growth and development, nutrition, hearing and speech pathology, family dynamics, cognition and psycho-educational assessment.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 645. Introduction to Psychological Evaluation. 3 Credit Hours.
Measurement theory; introduction to the administration and interpretation of widely-used intelligence and personality tests, with attention to issues of ethics and diversity.
Requisite: Plan of Graduate Psychology.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 646. Psychological Evaluation of Adults. 3 Credit Hours.
Issues of diversity, ethics, and personality theory as they pertain to psychological evaluation of adults. Emphases on the use of projective and objective personality assessment methods.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 647. Psychological Evaluation of Children and Families. 3 Credit Hours.
Clinical and developmental theory and methods pertaining to the evaluation of children, adolescents, and families including intelligence tests, structured diagnostic instruments, personality and behavioral check lists, observational formats, interviewing, and projective assessment. Attention to issues of ethics and diversity.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 648. Psychological Evaluation in Physical Disorders. 3 Credit Hours.
Administration, interpretation, and psychometric evaluation of psychological tools and procedures used in the evaluation of physical disorders. Attention to issues of ethics and diversity.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 650. Laboratory in Clinical Psychology. 0 Credit Hours.
Practical training in clinical skills such as assessment, interviewing, and case conceptualization. Laboratory to be used in conjunction with courses such as PSY 640 and PSY 645
Components: LAB.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 656. Introduction to Evidence-Based Psychological Treatments. 3 Credit Hours.
Theories, history, and techniques of psychological and behavioral therapies, with emphasis on evidence-based approaches.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 657. Introduction to Psychotherapy, Ethics, and Professional Issues. 3 Credit Hours.
Introductory experience in clinical interviewing, therapeutic communication, ethics, and case conceptualization. Consideration of client-and-therapist culture, gender, and diversity are also emphasized.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 660. Evidence-Based Psychological Intervention with Children and Families. 3 Credit Hours.
Theories, history, and techniques of psychological and behavioral therapies, with emphasis on evidence-based approaches with children, adolescents, and families. Understanding normative and deviant development, with attention to issues of diversity, ethics, and domestic violence.
Prerequisite: PSY 656.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.
PSY 661. Interventions in Pediatric Psychology. 3 Credit Hours.
Pediatric psychology and basic learning theory. Medical and behavioral aspects of child and adolescent health disorders, psychological assessment, and evidence-based treatment approaches.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 662. Health Psychology Interventions. 3 Credit Hours.
Clinical interventions and research relevant to health problems and lifestyle, with emphasis on critical evaluations of past research and the design and implementation of intervention protocols. The origins of health psychology and the role of the health psychologist in medical systems.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 670. Practicum in Clinical Psychology. 1-3 Credit Hours.
Supervised experience in evaluating and treating psychological problems of children, adolescents, families, and/or adults behavior. For students placed at the U.M. Psychological Services Clinic there is a weekly case conference that focuses on ethics case conceptualization. Course may be repeated for credit.
Components: PRA.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 671. Practicum in Clinical Psychology II. 0 Credit Hours.
Continuation of PSY 670.
Corequisite: PSY 645.
Components: LAB.
Grading: GRD.
Typically Offered: Fall.

PSY 672. Advanced Practicum in Clinical Psychology. 1-3 Credit Hours.
Advanced experience in special clinical techniques and clinical supervision. Primarily for post-internship clinical students. The advisor may direct that PSY 672 be repeated, but no more than six credits may be applied toward a degree.
Components: PRA.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 680. Research. 1-4 Credit Hours.
Investigation of an original problem.
Components: THI.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 681. Research. 1-4 Credit Hours.
Investigation of an original problem.
Components: IND.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

PSY 683. Special Topics. 3 Credit Hours.
Topics in selected areas of specialization.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 684. Readings in Psychology. 3 Credit Hours.
Supervised readings in selected topics.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 685. Seminar in Clinical Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 687. Seminar in Clinical Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 688. Seminar in Developmental Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 690. Seminar in Developmental Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 692. Seminar in Personality. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Offered by Announcement Only.

PSY 693. Seminar in Behavioral Medicine. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Spring.

PSY 694. Seminar in Behavioral Medicine. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 697. Seminar in Biological Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 698. Seminar in Quantitative Psychology. 3 Credit Hours.
Components: LEC.
Grading: GRD.
Typically Offered: Fall.

PSY 804. Internship in Clinical Psychology. 1 Credit Hour.
Supervised internship in clinical psychology. May not be counted as part of the 90 hours required for the Ph.D. degree.
Components: THI.
Grading: GRD.
Typically Offered: Fall.

PSY 805. Postdoctoral Practicum. 1-3 Credit Hours.
Advanced clinical psychology training for individuals who have completed a clinical psychology Ph.D. or PsyD. from an APA-accredited doctoral program. Supervision of clinical activity by licensed faculty members.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.
PSY 806. Summer Research Practicum. 1 Credit Hour.
Faculty-supervised research during the summer for students in the Psychology Ph.D. Program.
Components: THI.
Grading: GRD.
Typically Offered: Summer.

PSY 810. Master's Thesis. 1-6 Credit Hours.
The student working on his/her master's thesis enrolls for credit, in most departments not to exceed six, as determined by his/her advisor. Credit is not awarded until the thesis has been accepted.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.

PSY 820. Research in Residence. 1 Credit Hour.
Research in residence for the thesis for the master's degree after the student has enrolled for the permissible cumulative total in PSY 810 (usually six credits). Credit not granted. May be regarded as full time residence.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 825. Continuous Registration--Master's Study. 1 Credit Hour.
To establish residence for non-thesis master's students who are preparing for major examinations. Credit not granted. Regarded as full time residence.
Components: THI.
Grading: GRD.
Typically Offered: Fall & Spring.

PSY 830. Doctoral Dissertation. 1-12 Credit Hours.
Required of all candidates for the Ph.D. The student will enroll for credit as determined by his/her advisor, but for not less than a total of 12 hours. Up to 12 hours may be taken in a regular semester, but not more than six in a summer session.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.

PSY 840. Post-Candidacy Doctoral Dissertation. 1-12 Credit Hours.
Required of all candidates for the Ph.D. who have advanced to candidacy. The student will enroll for credit as determined by his/her advisor, but not for less than a total of 12. Not more than 12 hours of PSY 740 may be taken in a regular semester, nor more than six in a summer session.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.

PSY 850. Research in Residence. 1 Credit Hour.
Used to establish research in residence for the Ph.D., after the student has been enrolled for the permissible cumulative total in appropriate doctoral research. Credit not granted. May be regarded as full-time residence as determined by the Dean of the Graduate School.
Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.