

# PSYCHOLOGY

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<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.

## Master of Science in Applied Behavior Analysis

- MS in Psychology- Applied Behavior Analysis (<http://bulletin.miami.edu/graduate-academic-programs/arts-sciences/psychology/psychology-ms/>)

## Doctoral Program in Psychology

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

### **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:** Offered by Announcement Only.

### **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:** Offered by Announcement Only.

### **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:** Offered by Announcement Only.

### **PSY 606. Biobehavioral Processes and Disease in Health Psychology. 3 Credit Hours.**

Discussion of basic processes of central nervous system, cardiovascular, endocrine, immune and other biological systems in the context of behavioral medicine, psychoneuroimmunology, and health psychology research.

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:** Offered by Announcement Only.

**PSY 610. Behavioral Medicine: Overview of Basic Science, Public Health, and 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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**PSY 620. Advanced Developmental Psychology. 3 Credit Hours.**

Mechanisms underlying continuity and change over the lifespan. Topics include developmental theories and methods; specific domains of development (perceptual, cognitive, social/emotional); socialization processes; and emerging adulthood, parenting, and aging.

**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:** Offered by Announcement Only.

**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.**

The study of language acquisition, primarily focusing on infancy through 5 years. Topics covered include biological bases of language, sound discrimination abilities, babbling and speech production, word learning, acquisition of grammar, bilingualism, and development in atypical populations.

**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, individual differences and contextual influences.

Prerequisite: PSY 620.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 625. Social Psychology. 3 Credit Hours.**

The major substantive areas and theories of social psychology. Emphasis on applications to students' own research field.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**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. 3 Credit Hours.**

Analysis of the general linear model. Computer application of these techniques to the behavioral sciences. Design and measurement considerations.

Prerequisite: PSY 631.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Spring.

**PSY 633. Structural Equation Modeling. 3 Credit Hours.**

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. Multilevel Modeling. 3 Credit Hours.**

Multi-level modeling of nested and non-independent data. Application of multilevel modeling to social science and behavioral data, including computer laboratory exercises.

Prerequisite: PSY 632.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**PSY 638. Psychology of Infant Development. 3 Credit Hours.**

Theory, research, and methodology pertaining to psychological development in the first three years of life. Emphasis on both general developmental processes, and 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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**PSY 646. Psychological Evaluation of Adults. 3 Credit Hours.**

Administration, interpretation, and psychometric evaluation of psychological tools and procedures used in the evaluation of adult psychopathology. Attention to issues of ethics and diversity.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 647. Psychological Evaluation of Children and Families. 3 Credit Hours.**

Administration, interpretation, and psychometric evaluation of psychological tools and procedures used in the evaluation of children, adolescents, and families. Attention to issues of ethics and diversity.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**PSY 655. Evolution and Sex. 3 Credit Hours.**

A biological/evolutionary approach to the study of human sexuality and cognition. The evolution of sexual reproduction and the evolution of the two sexes. Initial discussions will introduce the theory of evolution by natural selection and address the different levels at which selection operates. Building on this foundation, the class will focus on why sex evolved and the myriad physiological and psychological adaptations that evolved as a consequence. Topics to be covered include sexual selection, mate selection, pregnancy, and parent-offspring conflict.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**PSY 663. Measurement in Applied Behavior Analysis. 3 Credit Hours.**

A graduate-level 45-hour course that covers aspects of behavior analysis related to strategies and tactics of behavioral assessment, measurement, data display, and investigational design. In addition to covering task-list items related to measurement and single-case design in behavior analysis practice; we will read select articles from the Journal of Applied Behavior Analysis covering a variety of applications of behavioral principles. We will read from a selection of seminal articles in behavior analysis and current, contemporary research. We will evaluate the measurement and design strategies employed in the articles.

Prerequisite: PSY 666. And must pass with a GPA 3.2.

**Components:** DIS.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 664. Ethics and Professional Conduct in Behavior Analysis. 3 Credit Hours.**

This course provides an overview of ethics and professional conduct in the field of behavior analysis. The course will provide in-depth information on the BACB Professional and Ethical Compliance Code for Behavior Analysts. The course will cover professional issues related to responsible conduct of behavior analysts, behavior analysts' ethical responsibility to clients and colleagues, including issues related to assessment of behavior, development and implementation of behavior change programs, clinical supervision and mentoring, the profession of behavior analysis and the BACB, and the conducting and reporting of research. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 30 instructional hours in the area of Ethical and Professional Conduct, 5 hours in the area of Intervention and Behavior Change Consideration 5 hours in the area of Behavior Change Systems and 5 hours in the area of Implementation, Management and Supervision.

Prerequisite: PSY 666. And must pass with a GPA 3.2.

**Components:** DIS.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 665. Advanced Topics in Applied Behavior Analysis. 3 Credit Hours.**

This course covers a number of advanced research and clinical issues relevant to the field of applied behavior analysis including, particularly as they relate to the field of developmental disabilities. The course will provide in-depth information related to the selection of appropriate interventions, including staying abreast of current research, critically interpreting research, considering individual client needs and developing treatment programs that are consistent with the science of applied behavior analysis. The course will additionally cover issues related to the implementation and management of clinical service provisions, including ensuring appropriate and accurate data collection, maintaining procedural fidelity and providing supervision and training. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 15 instructional hours in the area of Measurement, 15 hours in the area of Experimental Design and 15 hours in the area of discretionary.

Prerequisite: PSY 666. And must pass with a GPA 3.2.

**Components:** DIS.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 666. Concepts and Principles of Applied Behavior Analysis. 3 Credit Hours.**

This course provides an introduction to Applied Behavior Analysis (ABA), which is the clinical application of behavioral science and learning theory towards the treatment of problematic behavioral and behavioral deficits. In this course, students will become familiar with the scientific foundations of behavioral science and the basic concepts and principles of behavior analysis. The course will emphasize terminology and definitions of behavioral concepts, as well as introduce the application of those concepts across a range of clinical scenarios. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 45 instructional hours in the area of Concepts and Principals of Behavior Analysis.

Requisite: PSY 666 OR PSY 676 OR PSY 677 AND Bachelor's degree AND GPS>=3.2.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 667. Assessment and Treatment of Language Learning. 3 Credit Hours.**

This course focuses on the application of behavior analysis toward the treatment of individuals exhibiting behavioral deficits or developmental delays. Throughout this course, students will acquire in-depth knowledge of behavioral analytic approaches for promoting the development of new skills and for supporting and maintaining those skills over time. Students will learn to prioritize target behaviors for clinical intervention as well as how to use applied behavior analytic techniques and procedures to develop effective treatment plans. Clinical and professional issues (e.g., fidelity of implementation, monitoring effectiveness) will also be discussed. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 10 instructional hours in the area of Identification of the Problem and Assessment, 30 instructional hours in the area of Fundamental Elements of Behavior Change and Specific Behavior Change Procedures, and 5 instructional hours in the area of Behavior Change Systems.

Requisite: PSY 666 OR PSY 676 OR PSY 677 AND Bachelor's degree AND GPS>=3.2.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 668. Functional Assessment and Function-Based Treatment. 3 Credit Hours.**

This course will focus on the application of behavior analysis toward the treatment of aberrant behavior. Throughout this course, students will acquire in-depth knowledge of behavior analytic approaches toward the assessment of aberrant behavior (e.g., functional behavioral assessment (FBA) and functional analysis). In addition, the course will focus on how behavior analysis use the results of a behavioral assessment to develop effective and ethical behavioral interventions to reduce aberrant behavior. Clinical and professional issues (e.g., fidelity of implementation, monitoring effectiveness) will also be discussed. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 25 instructional hours in the area of Identification of the Problem & Assessment, 15 instructional hours in the area of Fundamental Elements of Behavior Changes and Specific Behavior Change Procedures and 5 instructional hours in the area of Intervention of Behavior Change Considerations.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 669. Professional Issues in Designing and Monitoring Interventions. 3 Credit Hours.**

This course covers a number of professional issues related to the competent and ethical delivery of applied behavior analysis services. The course will provide in-depth information related to the selection of appropriate interventions, including staying abreast of current research, critically interpreting research, considering individual client needs and developing treatment programs that are consistent with the science of applied behavior analysis. The course will additionally cover issues related to the implementation and management of clinical service provisions, including ensuring appropriate and accurate data collection, maintaining procedural fidelity and providing supervision and training. Finally, the course will provide information about the professional and ethical compliance code for behavior analysis, as outlined by the Behavior Analysis Certification Board (BACB). In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 15 instructional hours in the area of Ethical and Professional Conduct, 10 hours in the area of Measurement, 10 hours in the area of Experimental Design and 10 hours in the area of Implementation, Management and Supervision.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**PSY 671. Practicum in Clinical Psychology II. 0 Credit Hours.**

Continuation of PSY 670.

Corequisite: PSY 645.

**Components:** LAB.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**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:** Offered by Announcement Only.

**PSY 673. Advanced Applications of Applied Behavior Analysis III. 3 Credit Hours.**

The purpose of this course is to provide students with supervised clinical experience in selecting, developing and implementing applied behavior analytic procedures and techniques. During this course, students will provide direct ABA services aimed at improving the behavioral functioning of individuals participating in ABA therapy. Experiential activities provided during this practicum course additionally focus on advanced professional issues in the design and implementation of ABA programs, so as to facilitate appropriate treatment selection, fidelity of implementation and systematic monitoring of treatment efficacy and providing training and feedback on performance. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 168 hours of practicum experience.

Prerequisite: PSY 666.

**Components:** PRA.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 674. Applications of ABA in Development Disabilities. 3 Credit Hours.**

The purpose of this course is to provide students with supervised clinical experience in the application of behavior analysis toward the treatment of individuals with autism and developmental disabilities who exhibit problematic behavior, behavioral deficits or developmental delays participating in ABA therapy. During this course, students will provide direct ABA services aimed at reducing problematic behavior and promoting the development and maintenance of new skills. Experiential activities provided during this practicum course focus on functional assessment, the identification of meaningful treatment goals, identification of reinforcers via systematic assessment, and the implementation of ABA intervention techniques and programs to treat problematic behavior and behavioral and language deficits. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 168 hours of practicum experience.

Prerequisite: PSY 666. And must pass with a GPA 3.2.

**Components:** PRA.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 675. Advanced Applications of Applied Behavior Analysis II. 3 Credit Hours.**

The purpose of this course is to provide students with supervised clinical experience in selecting, and developing applied behavior analytic procedures and techniques for individuals with autism and developmental delay and providing clinical supervision to those implementing behavioral procedures. During this course, students will assist instructors in providing supervision to individuals who provide direct ABA services for individuals participating in ABA therapy. Experiential activities provided during this practicum course additionally focus on advanced professional issues in the design and implementation of ABA programs, so as to facilitate appropriate treatment selection, collection of data related to fidelity of implementation and systematic monitoring of treatment efficacy. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 168 hours of practicum experience.

Prerequisite: PSY 666. And must pass with a GPA 3.2.

**Components:** PRA.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 676. Application of ABA: Principles and Concepts. 3 Credit Hours.**

The purpose of this course is to provide students with supervised clinical experience in selecting, developing and implementing applied behavior analysis procedures and techniques. During this course, students will provide direct ABA services aimed at improving the behavioral functioning of individuals participating in ABA therapy. Experiential activities provided during this practicum course focus on the application of basic principles and concepts in ABA, including the identification of behavioral targets, measuring behavioral, monitoring changes in behavior over time, and implementing reinforcement-based interventions. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 168 hours of practicum experience.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 677. Application of the Assessment and Treatment of Language and Learning. 3 Credit Hours.**

The purpose of this course is to provide students with supervised clinical experience in the application of behavior analysis toward the treatment of individuals who exhibit behavioral deficits or developmental delays. During this course, students will provide direct ABA services aimed at promoting the development and maintenance of new skills. Experiential activities provided during this practicum course focus on the identification of meaningful treatment goals, identification of reinforcers via systematic assessment, and the implementation of ABA intervention techniques and programs to treat behavioral and language deficits. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 168 hours of practicum experience.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 678. Capstone in Applied Behavior Analysis. 3 Credit Hours.**

This advanced practicum course is a culmination of all past coursework and practicum experience in the ABA Master's program. The course is designed to provide ABA graduate students with hands-on experience conducting and disseminating applied research to address a socially significant topic. Completion of the course requires a synthesis of a number of previously taught skills including consuming research, considering the ethics of the project, implementing behavior analytic change procedures, selecting an appropriate experimental design, measurement, graphing, and professional writing.

**Components:** PRA.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 679. Advanced Application of ABA. 3 Credit Hours.**

The purpose of this course is to provide students with supervised clinical experience in selecting, development and implementing applied behavior procedure and techniques. During this course, student will provide direct ABA services aimed at improving the behavioral functioning of individuals participation in ABA therapy. Experiential activities provided during this practicum course additionally focus on advanced professional issues in the design and implementation of ABA programs, so as to facilitate appropriate treatment selection, fidelity of implementation and systematic monitoring of treatment efficacy. In accordance with the Behavior Analysis Certification Board (BACB), this course meets criteria for 168 hours of practicum experience.

**Components:** PRA.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 680. Research. 1-4 Credit Hours.**

Investigation of an original problem.

**Components:** THI.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.



**PSY 681. Research. 1-4 Credit Hours.**

Investigation of an original problem.

**Components:** IND.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 683. Special Topics. 3 Credit Hours.**

Topics in selected areas of specialization.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 684. Readings in Psychology. 3 Credit Hours.**

Supervised readings in selected topics.

**Components:** THI.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 685. Seminar in Clinical Psychology. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 687. Seminar in Clinical Psychology. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 688. Seminar in Developmental Psychology. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 690. Seminar in Developmental Psychology. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 692. Seminar in Personality. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 693. Seminar in Behavioral Medicine. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 694. Seminar in Behavioral Medicine. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 696. Cognitive and Behavioral Neuroscience Journal Club. 1 Credit Hour.**

This 1-credit course will provide an opportunity for graduate students in the Cognitive and Behavioral Neuroscience Graduate Program within the psychology department to discuss recently published literature in the field. The course will consist of in-depth discussions held every week, led by graduate students and other trainees, on research articles and topics of their choice. Typically, discussion will alternate between an empirical article and a more advanced methods article every other week. A faculty member from the CBN program will organize the journal club, facilitate and guide discussion, provide clarification of key concepts, and evaluate student performance.

**Components:** DIS.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 697. Seminar in Biological Psychology, Neuroimaging in the Psychological Sciences I: Methods. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 698. Seminar in Quantitative Psychology. 3 Credit Hours.**

Content varies by semester.

**Components:** LEC.

**Grading:** GRD.

**Typically Offered:** Offered by Announcement Only.

**PSY 803. 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:** CLN.

**Grading:** GRD.

**Typically Offered:** Fall, Spring, & Summer.

**PSY 804. APA Accredited 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:** CLN.

**Grading:** GRD.

**Typically Offered:** Fall, Spring, & Summer.

**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, & Summer.

**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:** Fall, Spring, & 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, & Summer.

**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, & Summer.

**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, & Summer.

**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, & Summer.

**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, & Summer.

**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, & Summer.