

**REQUIREMENTS FOR MASTER OF SCIENCE DEGREE IN APPLIED
PSYCHOLOGY
APPLIED BEHAVIOR ANALYSIS OPTION**

1. Minimum of 42 graduate hours

BASIC CORE COURSES – 21 HOURS

PSY 602 Biological Basis of Behavior
PSY 605 Personality and Social Psychology
PSY 615 Child/Adolescent Psychopathology
PSY 632 Quantitative Psychology
PSY 634 Developmental Psychology
PSY 635 Learning and Cognition
PSY 703 Counseling for Social Justice and Diversity

APPLIED SPECIALTY COURSES – 18 HOURS

PSY 501 Principles of Applied Behavior Analysis
PSY 502 Research Methods in Applied Behavior Analysis
PSY 503 Ethics and Professional Practice in Applied Behavior Analysis
PSY 504 Contemporary Topics and Applications of Applied Behavior Analysis
PSY 574 Advanced Applications of Applied Behavior Analysis

OR

PSY 674 Academic Assessment and Intervention: Literacy

INTERNSHIP – 3 HOURS

PSY 699-B Internship: Applied Behavior Analysis

2. Achieve a 3.0 cumulative grade point average in all graduate studies applicable to the student's particular program and a 3.0 overall grade point average for all graduate courses. (See exceptions under "Time Limit" and "Repeating Courses").
3. Satisfactorily complete all other requirements for graduate students, as previously outlined.
4. Make application for graduation at the beginning of the semester in which the last course(s) will be taken.

COURSE DESCRIPTIONS

501 Principles of Applied Behavior Analysis This course provides an introduction to the fundamental principles of behavior including the history, theory, definitions, processes, concepts and characteristics of applied behavior analysis. Particular emphasis is given to the scientific assessment and analysis of the environmental variables controlling a behavior, and the manipulation of these variables as a method of increasing or decreasing a target behavior. Attention will also be given to the development of the field of Applied Behavior Analysis.

502 Research Methods in Applied Behavior Analysis This course will introduce students to the practical applications of single-case research methodology in order to examine the effects and evaluate the efficacy of behavioral interventions. It will provide students with an empirical approach to designing, conducting, and critically evaluating research involving applications of the experimental analysis of behavior in the use of behavior analysis, graphic display of data, single-case research methodology, as well as ABAB, multiple baselines, changing criterion and alternating treatment designs.

503 Ethics and Professional Practice in Applied Behavior Analysis Ethics for Behavior Analysts, covers the legal and ethical guidelines that govern the professional conduct of persons engaged in behavior analytic activities. The course is based on the 4th Edition Task List (www.bacb.com).

504 Contemporary Topics and Theories in Applied Behavior Analysis Survey of modern advances in the theories and applications of ABA, including the behavioral treatment of Autism Spectrum Disorder, behavioral economics and delay discounting, stimulus control, verbal behavior, and functional analysis. Students will gain skills in designing, implementing, and monitoring the effectiveness of a behavior change project. Attention will also be given to learning communication skills and developing an understanding of the importance of dissemination of new information in the field of Applied Behavior Analysis.

574 Advanced Applications of Applied Behavior Analysis Survey of the applications of ABA to clinical, educational, and organizational settings, with an emphasis on empirically-supported interventions and treatments targeting the behavior of individuals or groups. This course will provide students with the opportunity to develop skills in the techniques covered, as well as evaluate current research on behavioral techniques and determine whether treatments can be considered evidence-based. Attention will also be given to the barriers that effect the implementation and success of intervention for individuals in a variety of settings.

602 Biological Basis of Behavior (3) F. Survey of basic neuroanatomy and physiology of the nervous system. Emphasis on ways in which the environment affects behavior via the nervous system. Current research relevant to biological basis of behavior is reviewed.

604 Behavioral Assessment and Intervention Review of functional behavior assessment procedures and behavioral intervention strategies, especially manipulation of antecedent conditions and contingency management; program evaluation using single case research designs, computerized expert systems and data analysis; statute, case law and ethical issues involved with behavioral intervention. Special emphasis on behavioral intervention with children and adolescents in the school setting. Coverage of direct intervention and indirect intervention through consultation with parents, teachers, and paraprofessionals.

605 Personality and Social Psychology (3) SU. Survey of the basic areas of personality and social psychology with coverage of contemporary research issues in social psychology as well as the classic theories of personality.

615 Child/Adolescent Psychopathology (3) F. Concentration on child/adolescent disorders as they relate to the school setting. Examination of current DSM and educational diagnostic criteria. Emphasis will be placed on linking assessment data to psychoeducational diagnosis and treatment.

632 Quantitative Psychology (3) (Prerequisite: 302 or equivalent) S. Basic course in data presentation and analysis. Includes descriptive statistics, correlation, and regression, as well as inferential statistics. Emphasis on matching appropriate statistics to experimental design and psychometric theory.

634 Developmental Psychology (3) SU. Survey of current topics and research methods in life span developmental psychology. Implications of research results to community-based interventions with children, adolescents, and the aged.

635 Learning and Cognition (3) SU. Review of traditional topics in learning as well as topics of current interest in cognition. Selection of topics from perception, attention, memory, thinking, and language. Functional disorders of memory and language.

674 Academic Assessment and Intervention: Literacy Linking of direct classroom behavioral and curriculum-based assessment results, including universal screening data, to the design and implementation of evidence-based classroom instruction and academic interventions in reading and written language with exceptional learners and general education students. Designing and implementing academic interventions for use by the psychologist or by teachers or paraprofessionals within a consultation framework. Evaluation of student progress and data-based educational decision-making emphasized. Curriculum standards and frameworks, inclusion, and educational reform discussed.

703 Counseling for Social Justice and Diversity (3). This course is designed to expand the student's awareness of both the cognitive knowledge and skills necessary to effectively interact with and serve culturally diverse populations. There is an emphasis on attitudes and competencies that are important in effective professional relationships. Though the course is not exhaustive in its discussion of diverse populations, it will focus on cultural diversity and those populations who are more likely to be encountered by the students taking the course. This course will examine racial and ethnic identity as well as acculturation status. It will also examine how issues of individual and institutional racism and oppression continues to play out in the mental health of those served.

Master of Science in Applied Psychology

Applied Behavior Analysis Option Model Program

FIRST YEAR

FALL TERM (6 hours)

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|-------|---------|---|-----|
| _____ | PSY 501 | Principles of Applied Behavior Analysis | (3) |
| _____ | PSY 615 | Child/Adolescent Psychopathology | (3) |

SPRING TERM (6 hours)

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|-------|---------|--------------------------------------|-----|
| _____ | PSY 604 | Behavior Assessment and Intervention | (3) |
| _____ | PSY 632 | Quantitative Psychology | (3) |

LATE SPRING TERM (3 hours)

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|-------|---------|---|-----|
| _____ | PSY 503 | Ethics and Professional Practice in ABA | (3) |
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SUMMER I TERM (6 hours)

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|-------|---------|--------------------------|-----|
| _____ | PSY 634 | Developmental Psychology | (3) |
| _____ | PSY 635 | Learning and Cognition | (3) |

SECOND YEAR

FALL TERM (6 hours)

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|-------|---------|--|-----|
| _____ | PSY 602 | Biological Basis of Behavior | (3) |
| _____ | PSY 574 | Advanced Applications of ABA | (3) |
| | OR | | |
| _____ | PSY 674 | Academic Assessment and Intervention: Literacy | (3) |

SPRING TERM (6 hours)

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|-------|---------|---|-----|
| _____ | PSY 504 | Contemporary Topics and Applications of ABA | (3) |
| _____ | PSY 599 | Internship: Applied Behavior Analysis | (3) |

LATE SPRING TERM (3 hours)

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|-------|---------|-------------------------|-----|
| _____ | PSY 502 | Research Methods in ABA | (3) |
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SUMMER I TERM (6 hours)

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|-------|---------|---|-----|
| _____ | PSY 605 | Personality & Social Psychology | (3) |
| _____ | PSY 704 | Counseling for Social Justice and Diversity | (3) |

TOTAL HOURS

42