

# EDUCATIONAL PSYCHOLOGY (EDP)

## Educational Psychology (EDP) Courses

### EDP 5003. Psychological Learning Theories. (3-0) 3 Credit Hours.

There are two different versions of this course. The General version provides a current and comprehensive overview of theory and research related to learning. It covers topics such as behaviorism, social cognitive theory, information processing, constructivism, and motivation, and explores applications of learning principles in multiple contexts including classroom and virtual learning environments. The General version is appropriate for students in all areas of graduate study. The Applied Behavior Analysis version of EDP 5003 covers the same broad topics, but includes more of a behavioral focus (e.g., by comparing and contrasting behaviorism with other theoretical approaches to learning). The ABA version is taught by an instructor approved by the Behavior Analysis Certification Board, and thus is appropriate for students pursuing the Board Certified Behavior Analyst credential. Students should check the notes in the class schedule to make sure they are registering for the appropriate section of EDP 5003. Course Fees: GH01 \$90; LRH1 \$20.54; STSH \$30.81.

### EDP 5033. Human Development Across the Life Span. (3-0) 3 Credit Hours.

Provides comprehensive overview of relevant research and theoretical frameworks of human development across the life span. Topics include cognitive, social, emotional, and sociocultural development as it exists in various contexts including schools, communities and families. Appropriate for students in all areas of graduate study. Course Fees: GH01 \$90; LRH1 \$20.54; STSH \$30.81.

### EDP 5043. Experimental Analysis of Behavior. (3-0) 3 Credit Hours.

The purpose of this course is to develop competence in understanding how principles of behavior are discovered and described in the context of laboratory experimental research. The class provides an overview of basic behavioral processes in the context of both human and non-human learning. There is a focus on the experimental analysis of behavior and critical analysis of research. Course Fees: GH01 \$90; LRH1 \$20.54; STSH \$30.81.

### EDP 5053. Psychosocial Contexts of Education. (3-0) 3 Credit Hours.

This course examines the role and sociocultural context of America's public education system. Students are challenged to critically deconstruct the primary goals of schooling through scholarly inquiry, debate, and discussion. The course is available to students from diverse disciplines including education, psychology, sociology, leadership, and policy. Throughout the course, students are encouraged to develop critical thinking and writing skills that can be applied within their chosen area of study. Course Fees: GH01 \$90; LRH1 \$20.54; STSH \$30.81.

### EDP 5303. Educational Measurement and Assessment. (3-0) 3 Credit Hours.

Introduces the study of assessment and measurement, including classical test theory, principles of psychological and educational measurement (including methods of establishing evidence for reliability and validity), statistical and psychometric concepts, the development and selection of assessment instruments related to a range of psychological constructs, and techniques for interpreting and communicating evaluation results. (Formerly titled "Principles and Techniques of Evaluation.") Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

### EDP 5353. Autism. (3-0) 3 Credit Hours.

Prerequisite: EDP 5503. In this class, students have the opportunity to learn about autism, the unique needs of individuals diagnosed with autism, how individuals are diagnosed, and how to tailor treatment programs to address their strengths and needs. Students also have the opportunity to learn about the roles of interdisciplinary teams and how team members can effectively collaborate to provide a successful wrap-around service model. This course fulfills the competency requirement for the Registered Behavior Technician (RBT) certification. It includes an experiential learning opportunity. Course Fee: LRH1 \$20.54; STSH \$30.81; DL01 \$75; GL01 \$90.

### EDP 5493. Field Experience in Behavior Analysis. (3-0) 3 Credit Hours.

The purpose of this course is to develop skill in professional practice or research. This course will provide students with the opportunity to participate in supervised field-based applied research experiences in approved hospital, home, educational, or clinical settings. Emphasis is on orientation to behavior analysis in applied settings, learning the role of a behavior consultant within larger systems, implementations and evaluation of behavioral interventions for students struggling with problem behaviors. May be repeated for up to 6 hours of credit. Course Fee: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

### EDP 5503. Introduction to Behavior Analysis. (3-0) 3 Credit Hours.

This course presents an introduction to concepts and principles of behavior analysis to develop students' competence in the use of technical terminology. As an introductory course to behavior analysis, special attention will be paid to philosophy, terminology, and methods in behavior analysis. (Formerly SPE 5503. Credit cannot be earned for both SPE 5503 and EDP 5503.) Course Fees: GH01 \$90; LRH1 \$20.54; STSH \$30.81.

### EDP 5603. Psychology of Human Motivation. (3-0) 3 Credit Hours.

Prerequisite: Graduate standing or permission of the instructor. Explores the study of human motivation from a variety of perspectives, including educational, psychological, and sociocultural. The goal of the course is to help students from diverse disciplinary backgrounds (e.g., counseling, education, health, leadership, psychology, sociology, sports) to develop foundational understandings of human motivational processes applied to diverse contexts and populations. The course also gives students opportunities to apply these theories to the issues students face in their current and anticipated work environments. Course Fee: GH01 \$90; LRH1 \$20; STSH \$30.

### EDP 5633. Interventions and Supervision in Behavior Analysis. (3-0) 3 Credit Hours.

Prerequisites: EDP 5503, EDP 6223, and EDP 6263 or consent of the instructor. The purpose of this course is to develop competency in the application of principles of behavior and multiple areas of investigation and practice. The course will provide students with the opportunity to acquire knowledge about evidenced-based instructional practices based on the principles of behavior analysis. Students will have the opportunity to learn to design appropriate interventions, how to apply those interventions, and to make decisions based on student data to inform future instructional practices. Students will also learn how to supervise from a behavior-analytic perspective and manage the implementation of interventions by others. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 5643. Verbal Behavior and Communication Interventions. (3-0) 3 Credit Hours.**

Prerequisite: EDP 5503 or consent of the instructor. The purpose of this course is to develop competencies in the application of principles of behavior and multiple areas of investigation and practice. An advanced graduate course on the analysis of the verbal behavior of the proficient speaker and listener, and the biological, environmental, and motivational factors affecting it. Structural and developmental issues, as well as implications for language training and remediation are integrated throughout. (Formerly SPE 5643. Credit cannot be earned for both SPE 5643 and EDP 5643.) Course Fees: GH01 \$90; LRH1 \$20.54; STSH \$30.81.

**EDP 5783. Practicum in Applied Behavior Analysis. (3-0) 3 Credit Hours.**

Prerequisites: EDP 5503, EDP 6223, and EDP 5493 (or equivalent) or consent of instructor. The purpose of this course is to develop skills in professional practice or research. This course will provide the students with the opportunity to acquire knowledge about the application of theoretical principles to field settings. Students are required to develop, implement, and evaluate behavioral assessments and interventions for individuals with disabilities. This course requires fieldwork outside of the classroom. May be repeated for up to 6 hours of credit. Course Fees: GH01 \$90; INT1 \$150; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6033. Legal, Ethical, and Professional Issues in School Psychology. (3-0) 3 Credit Hours.**

Prerequisite: Admission to the School Psychology program. This course is a review of the historical foundations of school psychology, legal, ethical, and credentialing issues in school psychology, models of psychological service delivery, the professional role and function of the school psychologist, and professional standards and organizations in school psychology. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6103. Research Methods and Statistics I. (3-0) 3 Credit Hours.**

This course is an overview of introductory research methods and statistics concepts commonly encountered in social and behavioral research literature. Students will be introduced to basic design features of qualitative, quantitative, and mixed methods approaches to research as well as basic statistical concepts including probability, sampling, tests, ANOVA, chi-square tests, and correlation/regression. Students will evaluate output using statistical software and consider how analyses relate to principles of research design, data collection, interpretation, and implications. Students will use these concepts to be able to develop as well as read and evaluate educational and psychological research. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6203. Research Methods and Statistics II. (3-0) 3 Credit Hours.**

Prerequisite: EDP 6103 or equivalent. This course extends upon topics covered in EDP 6103. Students are exposed to advanced research methods and statistics topics with a special emphasis on research design. Topics covered include design concepts associated with quantitative research (e.g., threats to experimental validity, quasi and experimental research designs, single case design and meta-analyses) as well as qualitative and mixed methods designs (case studies, ethnographies, interview research). Students will use these concepts to read, interpret, and evaluate the validity of conclusions drawn from educational and psychological research. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6213. School Based Counseling Theories. (3-0) 3 Credit Hours.**

Prerequisite: Admission to the School Psychology program. This course covers selected psychotherapeutic and counseling theories for the treatment of children and adolescents experiencing emotional and behavioral disorders/disruptions that interfere with learning. Topics include: behavioral approaches, cognitive-behavioral, choice theory, play-based and other related group and individual theoretically based therapies. Emphasis is placed on empirically-supported theory in relation to services within a school system framework. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6223. Research in Single Case Design. (3-0) 3 Credit Hours.**

The purpose of this course is to develop student competence in the measurement of behavior, data collection analysis and graphic representation, and experimental design with a particular emphasis on single-subject design. Topics include critical analysis of single subject research design, issues related to conducting and analyzing single subject research in applied settings, as well as institutional review process and ethical consideration. Students will use these concepts to read, interpret, evaluate, and conduct applied research. Requires an applied project. (Same as SPE 6113. Credit cannot be earned for both SPE 6113 and EDP 6223.) Course Fee: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6233. Mental Health Services in the Schools. (3-0) 3 Credit Hours.**

Prerequisite: EDP 6213. This course will cover selected psychotherapeutic and comprehensive intervention approaches for treating childhood and adolescent emotional and behavioral disorders that interfere with learning. Topics include play therapy, solution-focused strategies, cognitive-behavioral techniques, group and individual therapies, case management, involvement of the family and other service providers, and crisis response. Emphasis will be placed on empirically-supported services within a school systemic framework. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6243. Cognitive Assessment and Intervention. (3-0) 3 Credit Hours.**

Prerequisite: EDP 5303 or equivalent. Examines educational and clinical applications of individual assessment; specific diagnostic measures of intelligence and cognitive abilities; supervised instruction in administration, scoring, and interpretation; and using cognitive assessment results to inform intervention. Videotaping and direct observation of test administration is required for purposes of supervision and self-evaluation. (Formerly titled "Assessment of Intelligence and Achievement.") Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6253. Academic Assessment and Intervention. (3-0) 3 Credit Hours.**

Prerequisite: EDP 5303. Examines major approaches of individual assessment and intervention for students with academic difficulties. This course covers: interpreting data from academic assessment and observations, educational planning and decision making, intervention development, and academic progress monitoring. Also covers theory and application of specific instruments and techniques for assessment including supervised practice with test administration, scoring, and interpretation. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6263. Behavior Assessment. (3-0) 3 Credit Hours.**

Prerequisite: EDP 5503, EDP 6223, or consent of the instructor. This course provides a rigorous repertoire of knowledge and focuses on the application of behavior analytic theory to the assessment of socially important behavior. This course assumes that students enter with a strong foundation in the basic concepts of behavior analysis. This course is designed as a service-learning course and will provide the opportunity for students to not only embrace theory but successfully apply it in needed environments. Requires an applied project. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6273. Bilingual Psychoeducational Assessment. (3-0) 3 Credit Hours.**

Prerequisite: EDP 5303 or equivalent. Course examines practice in bilingual psychoeducational assessment. Students will have the opportunity to learn about: ethical, legal, and professional issues in bilingual assessment; theories of second language acquisition and language proficiency development and assessment; best practices in the use of interpreters in assessment; measurement of academic achievement via multiple approaches; and measurement of cognitive abilities via multiple approaches. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6293. Consultation in the Schools. (3-0) 3 Credit Hours.**

Prerequisites: EDP 6103 and EDP 6203. Examines the role of consultation with school personnel and families within the practice of school psychology. Major theoretical models of consultation with an emphasis on an integrated Model of School Consultation, specific approaches to service delivery, and ethical issues related to consultation in the schools are discussed. This course also includes methods of evaluating consultation outcomes at the individual student, systems, and program levels. Requires service-learning hours and the application of theoretical and conceptual foundations to consultation case studies. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6303. Program Evaluation. (3-0) 3 Credit Hours.**

Prerequisite: EDP 6103 and EDP 6203. This course introduces students to research design and data analysis in the context of evaluation. Students will learn about the history, professional standards, theories, and methods of program evaluation. This course examines principles and techniques needed to develop appropriate data collection and management strategies in alignment with evaluation questions. This course reviews the principles, merits, limitations, and applications of various quantitative methodologies for analyzing evaluation data. Students will experience organizing, managing, and analyzing evaluation data. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6333. Practicum in Program Evaluation and Applied Research. (3-0) 3 Credit Hours.**

Prerequisite: Completion of Practicum Form indicating completion of required coursework and consent of instructor. Practicum in Program Evaluation and Applied Research is a one-semester supervised practical application course in which students work alongside evaluation practitioners in a professional setting to gain first-hand understanding of how to apply the theories, methods, and skills learned in prior classes. Students will have hands-on practice with computer programs to build practical skills in conducting, interpreting, and reporting evaluation or research data. Settings might include educational institutions, government agencies, human service organizations, and for-profit and non-profit evaluation firms. Placements may be with internal or external evaluation entities. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81; INT1 \$150.

**EDP 6343. Social Emotional Assessment in the Schools. (3-0) 3 Credit Hours.**

Prerequisites: EDP 5303 and EDP 6243. Theory and application and administration and scoring of specific instruments and techniques involved in social emotional and psychological assessment in the schools is emphasized. Additionally emphasis is on analysis, interpretation, and integration of intelligence, achievement, emotional, behavioral, and personality assessment results for diagnostic and treatment planning. Psychological report writing is required. (Formerly EDP 6323. Credit cannot be earned for both EDP 6323 and EDP 6343.) (Formerly titled "Advanced Psychological Assessment.") Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6403. Ethics for Applied Behavior Analysis. (3-0) 3 Credit Hours.**

The purpose of this course is to prepare students to understand legal constraints and ethical guidelines as pertinent to behavioral research and practice. This course is designed to teach ethical and professional conduct considerations in applied behavior analysis. This course follows the BACB® professional and ethical compliance code and is intended for students preparing to become and who are certified behavior analysts. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6413. Applied Regression Analysis. (3-0) 3 Credit Hours.**

The purpose of this course is to develop a working knowledge of the theory and methods of bivariate and multiple regression. Students will learn central concepts and applications of correlation, bivariate and multivariate regression, statistical inference, transformations, logistic regression, moderation, and mediation analyses in educational and clinical contexts. In addition, students will have the opportunity to develop knowledge of data management and analysis techniques using statistical software to analyze relevant data. Course Fees: GH01 \$90; LRH1 \$20.54; STSH \$30.81; SPS1 \$42.

**EDP 6443. Capstone Class in Behavior Analysis. (3-0) 3 Credit Hours.**

Prerequisites: EDP 5503, EDP 6223, EDP 6263, EDP 5633, EDP 5643, or consent of instructor. Students in this course will engage in a number of professional development activities with the goal of preparing students for the Behavior Analysis Certification Exam and their future as a Behavior Analyst. The class is focused on professional development (e.g., mock interviews and development of curriculum vitae), portfolio building activities (e.g., completion of research competencies and professional presentation) and exam preparatory exercises. At the conclusion of this class and all class assignments/competencies, students will be eligible to schedule their comprehensive examination. Course Fees: GH01 \$90; LRH1 \$20.54; STSH \$30.81.

**EDP 6643. Child and Adolescent Psychopathology. (3-0) 3 Credit Hours.**

Prerequisite: EDP 5033 or equivalent. This course uses the DSM classification system to discuss major emotional and behavioral disorders experienced by children and adolescents. The current state of knowledge with regard to the characteristics, etiological factors, developmental outcomes of psychological disorders of childhood and adolescence, and treatment issues will be considered. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6703. Clinical Neuropsychology. (3-0) 3 Credit Hours.**

Prerequisites: EDP 5303, EDP 6243, and EDP 6833. Review of brain-behavior relationships and biological substrates of behavior; physiological bases of neuropsychological constructs such as executive function, attention, perception, memory, learning, emotions, and behavior; review of selected neurobehavioral and genetic disorders in children, with emphasis on cognitive, behavioral, and emotional sequelae of these disorders. Includes coverage of relevant neuropsychological assessment methods. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6733. Multicultural Assessment and Intervention. (3-0) 3 Credit Hours.**

Prerequisites: EDP 5303, EDP 6643, and EDP 6833. This course provides theory and research related to psycho-educational and function based assessment and intervention with diverse populations. Structured as a seminar, discussions include professional issues, trends, testing and assessment issues, and advancements in intervention and techniques with diverse populations. The development of cultural competence and exposure to culturally responsive practices in the schools is emphasized. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 6833. Practicum in School Psychology. (3-0) 3 Credit Hours.**

Prerequisites: Completion of Practicum Form indicating required coursework has been completed, and consent of instructor. Supervised field-based experience in approved public school and mental health settings in school psychology. Supervision provided by on-site supervisors and university faculty. Emphasis is on orientation to school settings; learning the role of the school psychologist within the larger school and system context; evaluation of psychological and academic difficulties; consultation with parents and teachers; and direct counseling interventions with students. May be repeated for up to 6 hours credit. A grade of 'B-' or higher in this course is required to earn credit towards a degree or certificate. Course Fees: GH01 \$90; INT1 \$150; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6943. Internship in School Psychology. (0-0) 3 Credit Hours.**

Prerequisites: Completion of Internship Form indicating required coursework has been completed, and consent of instructor. Full-time, supervised field-based experience in approved professional employment settings in school psychology. Supervision provided by on-site supervisors and university faculty. Students will complete a minimum of 600 clock hours of clinical work per semester, during which they will integrate and apply knowledge gained through coursework and begin to develop a professional identity. Can be taken only when all other required coursework in the School Psychology master's program has been completed. May be repeated for up to 6 hours credit. A grade of 'B-' or higher in this course is required to earn credit towards the degree. Course Fees: GH01 \$90; INT1 \$150; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6951. Independent Study. (0-0) 1 Credit Hour.**

Prerequisites: Graduate standing and permission in writing (form available) from the instructor and the student's Graduate Advisor of Record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but no more than 6 hours, regardless of discipline, will apply to the Master's degree. Course Fees: GH01 \$30; STSH \$10.

**EDP 6953. Independent Study. (0-0) 3 Credit Hours.**

Prerequisites: Graduate standing and permission in writing (form available) from the instructor and the student's Graduate Advisor of Record. Independent reading, research, discussion, and/or writing under the direction of a faculty member. For students needing specialized work not normally or not often available as part of the regular course offerings. May be repeated for credit, but no more than 6 hours, regardless of discipline, will apply to the Master's degree. Course Fees: GH01 \$90; STSH \$30.81.

**EDP 6961. Comprehensive Examination. (0-0) 1 Credit Hour.**

Prerequisite: Approval of the Graduate Program Committee to take the Comprehensive Examination. Independent study course for the purpose of taking the Comprehensive Examination. May be repeated as many times as approved by the Graduate Program Committee. Enrollment is required each term in which the Comprehensive Examination is taken if no other courses are being taken that term. The grade report for the course is either "CR" (satisfactory performance on the Comprehensive Examination) or "NC" (unsatisfactory performance on the Comprehensive Examination). Course Fees: GH01 \$30; STSH \$10.27.

**EDP 6973. Special Issues. (3-0) 3 Credit Hours.**

Prerequisite: Consent of instructor. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Issues courses may be repeated for credit when topics vary, but no more than 6 hours, regardless of discipline, will apply to the Master's degree. Course Fees: GH01 \$90; LRH1 \$20.54; SPS1 \$42; STSH \$30.81.

**EDP 6983. Master's Thesis. (0-0) 3 Credit Hours.**

Prerequisite: Permission of the Graduate Advisor of Record and thesis director required. Thesis research and preparation. May be repeated for credit, but no more than 6 hours will apply to the Master's degree. Credit will be awarded upon completion of the thesis. Enrollment is required each term in which the thesis is in progress. Course Fees: GH01 \$90; STSH \$30.

**EDP 6991. Independent Study in School Psychology Internship. (0-0) 1 Credit Hour.**

Prerequisite: Consent of instructor. Corequisite: EDP 6943. Independent reading, research, and/or writing under the direction of a faculty member. This Independent Study is restricted to students currently enrolled in Internship in School Psychology, and may involve the detailed analysis of a critical problem, issue, or research question related to the professional practice of School Psychology. May be repeated for credit, but no more than 6 hours, regardless of discipline, will apply to the Master's degree. Course Fees: GH01 \$30; SPS1 \$14; STSH \$10.27.

**EDP 7033. History and Systems of Psychology. (3-0) 3 Credit Hours.**

Prerequisite: Consent of instructor. This course provides a historical examination of psychology's antecedents in philosophy and physiology, early systems of psychology, the development of psychology as a profession and of major professional conventions, the rise of evidence-based practice, and multicultural diversity in the practice of psychology. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7043. Systems Consultation and Prevention Science. (3-0) 3 Credit Hours.**

This course provides a historical examination of school and systems consultation following the evolution of consultation in contemporary school settings. Theory, research and practice in prevention science with an emphasis on individuals from birth to age 21; understanding and application of theories and methods of prevention science. Needs Assessment, System readiness, resource mapping, and leadership development will be discussed. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7103. Multivariate Statistics. (3-0) 3 Credit Hours.**

Prerequisite: EDP 6103, EDP 6203, and EDP 6413, or consent of instructor. This course introduces students to statistical methods that consider several variables at once. Emphasis will be given to the applications of multivariate methods to data sets in education, psychology, and social sciences. Students will develop foundational knowledge as to how multivariate methods work, they will be able to apply these methods using computer software (e.g., SPSS, R, Stata), and they will be able to make inferences on from the results of multivariate statistical analyses. Understanding of linear regression is assumed for this course. Course Fee: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7203. Hierarchical Linear Modeling. (3-0) 3 Credit Hours.**

Prerequisite: EDP 6103 and EDP 6203, or consent of instructor. This course offers an overview of the theories and use of hierarchical linear models. Students will learn the techniques of hierarchical linear models and apply the methods to multilevel data in education, psychology, and social sciences. Topics covered include multilevel analyses, random intercept and slope models, 2- and 3-level models, hypothesis testing, model assessment, longitudinal (repeated measures) data, and generalized hierarchical models for categorical variables. Understanding of linear regression is assumed for this course. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7213. Supervision and Teaching in Psychology. (3-0) 3 Credit Hours.**

Prerequisite: Consent of instructor. Introduction to knowledge and skills necessary for effective supervision and teaching in psychology. Students will be required to engage in supervision and teaching experiences to demonstrate competency in skill acquisition. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7303. Research Evaluation in the Behavioral Sciences. (3-0) 3 Credit Hours.**

This course provides students with knowledge to develop skills in synthesizing and evaluating the methodological soundness of behavioral science research. Course Fee: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7313. Advanced Analysis for Single-Case Experiments. (3-0) 3 Credit Hours.**

Prerequisite: EDP 6223 or instructor approval. This course covers methods for analyzing data from single-case experiments (e.g., multiple baseline, reversal, and alternating treatment studies), including applications of visual analysis, effect size estimation, and meta-analysis. Course Fee: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7323. Competitive Grant Writing and Development. (3-0) 3 Credit Hours.**

This course is designed to provide students with the knowledge and skills to perform one of the most critical functions for any academic, public, or nonprofit sector agency: gaining funds through proposals. Students learn how to find a funding source among various funders and how to plan and write a proposal. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7343. Advanced Applied Behavior Analysis. (3-0) 3 Credit Hours.**

This course is an advanced study of applied behavior analysis. The content of the course is related to principles and advanced concepts in applied behavior analysis. Students learn how to gather information about an advanced topic and how to present that information to others. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7403. Prevention and Intervention with At-Risk Families. (3-0) 3 Credit Hours.**

Prerequisite: Consent of the instructor. The purpose of this course is to provide educational practitioners and related personnel with the conceptual and theoretical foundation for understanding the nature and impact of systemic barriers and exposure to childhood risks in literacy, physical, and mental health development of vulnerable, at-risk families and their young children within a developmental framework. Professional psychology's and education's response to these factors, including intervention, is also examined. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7413. Bilingual Special Education. (3-0) 3 Credit Hours.**

The purpose of this course is to provide educational practitioners and related personnel with the knowledge and skills needed for understanding and working with bilingual populations within the special education context. Students learn theory, policy, and practice important to bilingual populations' linguistic and educational programming needs. Major theories of second language acquisition processes will be learned along with bilingual instructional paradigms and learning needs. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7603. Longitudinal Data Analyses. (3-0) 3 Credit Hours.**

Prerequisite: EDP 6103 and EDP 6203, or consent of instructor. This course covers statistical models for drawing scientific inferences from continuous and discrete longitudinal data in education, psychology, and social sciences. Topics include longitudinal study design; exploring longitudinal data; linear and generalized linear regression models for correlated data, including marginal, random effects, and transition models; and handling missing data. Understanding of linear regression is assumed for this course. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7613. Item Response Theory. (3-0) 3 Credit Hours.**

Prerequisite: EDP 5303 or consent of instructor. This course introduces concepts, theory, and application of item response theory (IRT) in educational and psychological fields with computer applications for data analysis. Topics include one-, two-, and three -parameter models; item and test information functions; test characteristics curves; test design; item fit and selection; tests for unidimensionality and model fit; IRT equating; adaptive testing strategies; item banking; and Bayesian, maximum likelihood, and EM estimation. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7623. Advanced Psychological Measurement. (3-0) 3 Credit Hours.**

Prerequisites: EDP 5303, EDP 6103, and EDP 6203. This course covers advanced concepts in psychometric theory, test construction, item analysis, norms, reliability, validity studies, and professional standards for test development. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7633. Structural Equation Modeling. (3-0) 3 Credit Hours.**

Prerequisite: EDP 6103, EDP 6203, and either EDP 6413 or EDP 7103, or consent of instructor. This course introduces the basic theoretical background necessary for the application of Structural Equation Modeling (SEM) using computer software (e.g., Mplus, Stata, and R) and data in education, psychology, and social sciences. Topics include model specification, identification, path analysis, estimation, testing fit, respecification, confirmatory factor analysis and issues concerning the interpretation of SEM results. Understanding of linear regression is assumed for this course. Course Fee: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7643. Qualitative Research Methods in Educational Psychology. (3-0) 3 Credit Hours.**

This course covers basic concepts of qualitative research methods including qualitative designs (e.g., case studies, ethnographies), data collection approaches (e.g., observations, interviews, document analyses) and approaches to qualitative coding techniques (e.g., discourse analysis, grounded theory analysis). Students will learn both how to conduct and evaluate qualitative research. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7783. Special Topics in Educational Psychology. (3-0) 3 Credit Hours.**

Prerequisites: Doctoral standing and consent of instructor. An organized course offering the opportunity for specialized study not normally or often part of the regular course offerings. Special Topics courses may be repeated for credit when topics vary, but not more than 6 hours will apply to the Doctoral degree. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7833. Advanced Practicum. (3-0) 3 Credit Hours.**

Prerequisite: Consent of instructor. Appropriate for advanced students in educational psychology programs, this course will include instruction and supervision of fieldwork in a variety of possible settings. Content and requirements will vary based on students' previous coursework and professional goals. May be repeated for up to 6 hours credit. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7942. Doctoral Internship in School Psychology. (0-0) 2 Credit Hours.**

Prerequisite: Completion of Internship Form indicating required coursework has been completed, and consent of instructor. Full-time, supervised field-based experience in approved professional employment settings in school psychology. Supervision provided by on-site supervisors and university faculty. Students will complete a minimum of 750 clock hours of clinical work per semester, during which they will integrate and apply knowledge gained through coursework and begin to develop a professional identity. Can be taken only when all other required coursework in the School Psychology doctoral program has been completed. May be repeated for up to 6 semester credit hours. Course Fee: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30; INT1 \$150.

**EDP 7943. Doctoral Internship in School Psychology. (0-0) 3 Credit Hours.**

Prerequisites: Completion of Internship Form indicating required coursework has been completed, and consent of instructor. Full-time, supervised field-based experience in approved professional employment settings in school psychology. Supervision provided by on-site supervisors and university faculty. Students will complete a minimum of 750 clock hours of clinical work per semester, during which they will integrate and apply knowledge gained through coursework and begin to develop a professional identity. Can be taken only when all other required coursework in the School Psychology doctoral program has been completed. May be repeated for up to 6 hours credit. Course Fees: GH01 \$90; LRH1 \$20; SPS1 \$42; STSH \$30.

**EDP 7991. Doctoral Dissertation. (0-0) 1 Credit Hour.**

Prerequisites: Admission to candidacy for the Doctoral degree and consent of student's Graduate Advisor of Record. Dissertation research and preparation. May be repeated for credit, but no more than 9 hours will apply to the doctoral degree. Credit will be awarded upon completion of the dissertation. Course Fees: GH01 \$30; STSH \$10.

**EDP 7993. Doctoral Dissertation. (0-0) 3 Credit Hours.**

Prerequisites: Admission to candidacy for the Doctoral degree and consent of student's Graduate Advisor of Record. Dissertation research and preparation. May be repeated for credit, but no more than 9 hours will apply to the doctoral degree. Credit will be awarded upon completion of the dissertation. Course Fees: GH01 \$90; STSH \$30.