

Educational Psychology (EDP)

EDP 304 Strategic Learning for the Twenty-First Century 3 Hours
Explores a wide range of subjects in educational psychology that impact student learning, including theories of cognition and motivation, and applies them to academic work. Covers strategies to improve student academic performance.

EDP 308 Statistical Reasoning and Literacy 3 Hours
Introduction to statistical applications and their interpretation in daily life. Covers principles of gathering and analyzing data, and interpreting analysis results in order to critically evaluate findings reported in the media and social science research. Explores basic statistical analyses, and skills needed for informed research consumerism.

EDP 216, 316, 416 Intergroup Dialogue 2-4 Hours
Group discussion of the definitions and implications of social identities. Topics may include gender, race, ethnicity, religion, sexual orientation, physical ability, and age.

EDP 118T, 218T, 318T, 418T Selected Topics in Educational Psychology 1-4 Hours
Issues, research, and topics of contemporary interest in various areas of educational psychology and the behavioral sciences that may vary from semester to semester.

EDP 118T.5, 218T.5, 318T.5, 418T.5 Introduction to Career Planning 1-4 Hours
Introduction to social science models of career development and the social-historical dimensions of how work is structured. Apply learned concepts to career planning via activities and assessments.

EDP 118T.8, 218T.8, 318T.8, 418T.8 Introduction to School Psychology 1-4 Hours
Introduction to the profession of school psychology. Explore the role and function of a school psychologist, current issues and trends for psychologists working in schools, clinical and scientific competencies of school psychologists, and the application of skills relevant to school psychology practice.

EDP 119S, 219S, 319S, 419S, 519S, 619S, 719S, 819S, 919S Topics in Educational Psychology 1-9 Hours
This course is used to record credit the student earns while enrolled at another institution in a program administered by the University's Study Abroad Office. Credit is recorded as assigned by the study abroad adviser in the Department of Educational Psychology. University credit is awarded for work in an exchange program; it may be counted as coursework taken in residence. Transfer credit is awarded for work in an affiliated studies program.

EDP 320 Cognition, Human Learning, and Motivation 3 Hours
Explore current theories concerning learning and memory, retrieval, critical thinking, transfer, assessment, peer learning, and motivation; applying cognitive and socio-motivational psychological theories to educational and instructional practices

EDP 129S, 229S, 329S, 429S, 529S, 629S, 729S, 829S, 929S Topics in Educational Psychology 1-9 Hours
This course is used to record credit the student earns while enrolled at another institution in a program administered by the University's Study Abroad Office. Credit is recorded as assigned by the study abroad adviser in the Department of Educational Psychology. University credit is awarded for work in an exchange program; it may be counted as coursework taken in residence. Transfer credit is awarded for work in an affiliated studies program.

EDP 340D Deaf Cognition and Learning 3 Hours
Explore current developmental and cognitive aspects of thinking and learning through the lens of deaf and hard of hearing people. Apply theories to understand research, learning design, community, and professional contexts.

EDP 350E Introduction to Life Span Development 3 Hours
Explores theories of personality, as well as research and literature on mental health and character development, applying principles and theories to the educative enterprise. Covers application of personality theory to the guidance of children and youth. Study of physical, social, and cognitive development in humans.

EDP 350G Adolescent Development 3 Hours
Addresses contemporary adolescent development in relation to major transitions, contextual influences, and psychosocial tasks. Covers adolescent identity development, with focus on the education of adolescents.

EDP 350L Human Sexuality 3 Hours
Taught from a psychological perspective with attention to the physiological, emotional, and relationship dimensions of sexuality. Presents factual information and promotes scholarly examination of social and personal factors in developing healthy relationships and sexual expression.

EDP 352D Introduction to Individual Counseling and Psychotherapy 3 Hours
Nature of the counseling process, dynamics of behavior change, client-counselor roles and relationships; an experiencing of the group process as a basis for studying dynamics of individual and group behavior.

EDP 352G Multicultural Approach to Counseling and Psychotherapy 3 Hours
An introduction to cultural diversity, cultural issues, cultural groups, and multiculturalism in counseling.

EDP 352K Mindfulness, Compassion, and the Self 3 Hours
Subjects include mindfulness, self-compassion, well-being, and self-concept.

EDP 352N Addiction Counseling and Theories 3 Hours
Studies in biological mechanisms of categories of commonly abused substances and behaviors, as well as prevention and treatment approaches to addiction. Includes discussion of other forms of addiction, including food, sex, and internet, and addiction in diverse populations.

EDP 354E Psychology of Women 3 Hours
Study of women's experiences, issues, and behavior in the context of psychological theory and research. Integrates several sub-disciplines of psychology, including physiological, personality, developmental, social, abnormal, and applied psychology. Explores a variety of topics relevant to psychology of women, including theories of women's personality, gender socialization, sex differences, victimization, oppression, and motherhood.

EDP 354G Psychology of the African American Experience 3 Hours
Examination of the psychology of people of African descent using an African-centered liberatory model.

EDP 354J Psychology of Race and Racism 3 Hours
Review of the history and evolution of the construct of race as a psychological and social phenomenon. Multidisciplinary but primarily social-psychological approach: in addition to readings from psychology, ideas in the areas of anthropology, sociology, and biology will be discussed. Emphasis on theoretical and conceptual approaches toward understanding the psychology of racial thinking.

EDP 358D Emotional and Behavioral Disorders 3 Hours
Covers theory and research on several mental disorders with a critical perspective on how social structures and assumptions influence the way they are conceptualized and treated.

EDP 371 Introduction to Statistics 3 Hours

Examine descriptive and inferential statistics; measures of central tendency and variability; standardized scores; confidence intervals; correlation and regression; probability and statistical inference; analysis of variance; and nonparametric statistics.

EDP 176T, 276T, 376T, 476T Topics in Educational Psychology 1-4 Hours

Issues, research, and topics of contemporary interest in various areas of educational psychology and the behavioral sciences.

EDP 176T.12, 276T.12, 376T.12, 476T.12 Sport and Performance Psychology 1-4 Hours

Examine the intersection of psychology and sport/performance. Discuss reinforcement and behavior modification, team management, mental health and athletics, and diversity and athletics.

EDP 176T.14, 276T.14, 376T.14, 476T.14 Teaching Sexual Health 1-4 Hours

Examine effective teaching strategies related to sexual development, sexual health, and other subjects included in comprehensive sexuality education for children, adolescents, and adults. Designed for those interested in education, social work, nursing, criminal justice, public health, and other professional areas that intersect with providing information.

EDP 176T.3, 276T.3, 376T.3, 476T.3 Disability and Culture in Education 1-4 Hours

Examination of the culture of disability in the educational context. Explores language and terminology around disability; history of ableism (discrimination/prejudice), the role of accommodations and access in defining disability and inclusion, perceptions of disability over time, identity development for individuals with a disability, diversity and difference of language within disability groups.

EDP 176T.9, 276T.9, 376T.9, 476T.9 Pediatric Psychology and Health Disparities 1-4 Hours

Examine the biological, psychological, and social foundations of pediatric conditions, as well as lifespan health conditions related to development in childhood. Explore pediatric health disparities, the intersection of psychology and public health, research methods used in the field of pediatric psychology, and assessment and intervention with children and families.

EDP 378D Practicum in Deaf Accessibility 3 Hours

Study and practice theory and processes related to deaf and hard of hearing people in educational and community settings.

EDP 379L Research in Educational Psychology 3 Hours
Supervised research experience in educational psychology.

EDP 380C, 480C Topics in Quantitative Methods 3-4 Hours
Theory, models, methods, and applications of quantitative methods used in applied research.

EDP 380C.12, 480C.12 Survey of Multivariate Methods 3-4 Hours
Examine fundamentals of vector and matrix algebra; multivariate analysis of variance; principal components analysis and exploratory factor analysis; discriminant analysis; logistic regression; multivariate mixed modeling; cluster analysis; multidimensional scaling; and missing data.

EDP 380C.14, 480C.14 Structural Equation Modeling 3-4 Hours
Provides the basic theoretical background necessary for the application of structural equation modeling to research problems including model specification, identification, path analysis, estimation, testing fit, respecification, confirmatory factor analysis, and issues concerning the interpretation of structural equation models.

EDP 380C.16, 480C.16 Hierarchical Linear Modeling 3-4 Hours

Introduction to the basic concepts and applications of hierarchical linear (i.e. multilevel) models. Learn strategies for analyzing various nested data structures, such as students within schools, and measurement occasions within subjects. Determine when and how to use hierarchical linear models, with an emphasis placed both on the statistical concepts of the modeling framework and the application of hierarchical linear modeling to data sets via software.

EDP 380C.18, 480C.18 Applied Bayesian Analysis 3-4 Hours

Examine practical introduction to Bayesian statistical inference with an emphasis on applications in behavioral and measurement research. Explore conceptual differences between Bayesian and classical statistical inference and the differences between these approaches in the context of various statistical procedures. Use Bayesian software for analysis.

EDP 380C.2, 480C.2 Fundamental Statistics 3-4 Hours

Introductory course designed for students in the fields of education and the social, behavioral, and health sciences who expect to take a second course in statistics. Subjects include descriptive and inferential statistics; sampling distributions; hypothesis testing; correlation; linear prediction; tests of mean differences; tests of frequencies and proportions; and one-way analysis of variance.

EDP 380C.22, 480C.22 Analysis of Categorical Data 3-4 Hours

Introduces basic concepts, common statistical models, and analysis methods for categorical data. Provides theory and examples of applications using categorical techniques. Subjects include inference methods for contingency tables, generalized linear models for binary and count data, logistic regression models, multcategory logit models, loglinear models for contingency tables, and models for matched pairs.

EDP 380C.23, 480C.23 Missing Data Analysis 3-4 Hours

Analyze data with missing values. Examine missing data theory, estimating statistical models with missing data, and other practical issues related to missing data, including the use of statistical software for handling missing data.

EDP 380C.26, 480C.26 Data Exploration and Visualization in R 3-4 Hours

Explore R, an open-source statistical programming platform for data analysis and visualization. Examine the foundational facilities and skills in R programming and how to use the tools to accomplish real-world, reproducible data analysis and visualization.

EDP 380C.28, 480C.28 Statistical Modeling and Simulation in R 3-4 Hours

Building on the foundational skills in R, examine how to design and program Monte Carlo simulation studies, which are a tool for evaluating the performance of statistical estimation and inference procedures. Explore translating mathematical equations to code and implementing statistical algorithms, building R packages, parallelizing, and integrating high-performance functions into R.

EDP 380C.30, 480C.30 Applied Research Design in Program Evaluation 3-4 Hours

Discuss in depth the quantitative, qualitative, and mixed methods analyses used to conduct program evaluations. Practice communicating complex evaluative ideas, designs, and results to program leaders and participants. Develop a large scale evaluation proposal that focuses on the research design methods discussed.

EDP 380C.4, 480C.4 Correlation and Regression Methods 3-4 Hours

Examines tests of association; multiple regression, including multiple predictors of a single interval-scaled outcome; and related subjects such as regression models for mediation and moderation.

EDP 380C.6, 480C.6 Statistical Analysis for Experimental Data 3-4 Hours

Subjects include hypothesis tests and data analysis procedures for a variety of experimental designs, including one-way analysis of variance; factorial analysis of variance; analysis of covariance; and repeated measures designs. Instruction in the use of statistical software is provided.

EDP 380D Topics in Psychometrics 3 Hours

Theory, models, methods, and applications in psychometrics and program evaluation.

EDP 380D.10 Test and Scale Construction 3 Hours

Design of effective instruments and cognitive tests; facet theory for scale construction; measurement of opinions and beliefs; tryout of experimental forms and item analysis; use of factor analysis and multidimensional scaling; norms and scaled scores; reliability and validity assessment; and test equating methods.

EDP 380D.11 Computer Adaptive Testing 3 Hours

In-depth examination of computer adaptive testing (CAT) methodologies based on Item Response Theory (IRT) models. Subjects include optimal test design principles; estimation of person parameters; item banking techniques; components of fully-adaptive and multi-stage testing algorithms; and issues concerning reliability, validity, item exposure, and score reporting.

EDP 380D.14 Applied Psychometrics 3 Hours

In-depth examination of applied psychometric techniques. Subjects include equating scores; setting standards; detecting differential item functioning and selection, placement, and classification.

EDP 380D.16 Advanced Psychometrics Seminar 3 Hours

Discussion of emerging technical subjects in the areas of psychometrics, measurement, and educational statistics. Addresses advanced techniques for analyzing item response data, and studying characteristics of tests/assessment instruments, using available computer software.

EDP 380D.18 Advanced Psychometrics Research 3 Hours

EDP 380D.2 Measurement and Evaluation 3 Hours

A basic background in measurement and evaluation is necessary to be appropriately critical of tests and instruments that are used in educational and psychological measurement situations. Subjects include general principles and basic concepts; types of reliability and validity; and the use of psychometric principles in various testing areas, such as intelligence testing; special aptitudes and abilities; educational achievement; and non-cognitive characteristics.

EDP 380D.4 Psychometric Theory and Methods 3 Hours

Addresess major approaches to analyzing responses to test items for making inferences about characteristics of examinees and items. Subjects include mental test theory and methods (e.g., the classical true-score model, item response theory models, and test construction methods); an introduction to factor analysis; and psychological scaling theory and procedures.

EDP 380D.6 Program Evaluation Models and Techniques 3 Hours

Examine the theoretical origins of Program Evaluation, as well as major sub-fields such as Responsive and Decision-Oriented evaluation. Conduct program decompositions in order to deeply understand the constraints, transactions and outcomes of a program, and create proposed evaluation of a program. Explore qualitative research methods that are useful for program evaluation and common quantitative methods and instrumentation, including survey design. Relate programmatic examples from other fields such as Nursing, Journalism, Pharmacy, and Educational Leadership.

EDP 380D.8 Item Response Theory 3 Hours

Subjects include background and theory (including classical test theory, objectivity in mental measurement, dichotomous and polytomous models, conventional item analysis versus the item response theory approach, item parameter and ability estimation, and information functions), and applications (including relative efficiency of tests, flexilevel and two-stage tests, computerized adaptive tests and mastery tests, test equating, differential item functioning, and attitude and personality measurement).

EDP 380Q Practicum in Psychometrics 3 Hours

EDP 381C Topics in Research Methodology 3 Hours

Theories and models for educational and psychological research.

EDP 381C.10 Issues in Multicultural Research 3 Hours

Designed to provide knowledge and tools to critique and evaluate theoretical, conceptual, and methodological issues related to the role and importance of culture, ethnicity, and race in multicultural research. Draws from social, developmental, counseling, and clinical psychology research, and emphasizes the challenges in conducting rigorous, culturally sound research.

EDP 381C.12 Meta-analysis 3 Hours

Effect size calculation for different designs; quantitative methods and models for synthesizing and testing moderators of effect size; and related subject matter.

EDP 381C.14 Causal Inference 3 Hours

Survey of quantitative methods for studying causal effect of interventions, with emphasis on data analysis and interpretation. Subjects include potential outcomes models, graphical models, randomized experiments, propensity scores, matching and weighting, instrumental variables, interrupted time series, regression discontinuities, and mediation models.

EDP 381C.16 Survey Research Design 3 Hours

Overview of the survey research process; addresses various topics in survey research within the context of the development of a survey study. Covers sequence of a survey study, from conceptualization to measurement, administration, data management and analysis, and writing the research report. Issues in quasi-experimental design, sampling, questionnaire construction, administration, and the use of computers in survey research are covered within this framework. The relative advantages, disadvantages, and appropriateness of the different modes of survey administration (i.e., face-to-face interviews, telephone interviews, mail, internet surveys, and other self-administered questionnaires) for different research questions are also examined.

EDP 381C.2 Research Design and Methods for Psychology and Education 3 Hours

Introduction to essential concepts and methods used in quantitative empirical research in psychology and education. Examine ideas from the philosophy of science, threats to validity, causal inference, and experimental and quasi-experimental techniques, with a focus on the logic and methods of designing and evaluating research.

EDP 381C.4 Research Methodology for Practitioners 3 Hours

Designed to facilitate understanding of research methods and statistical analysis. Overviews development of needs assessment, program evaluation, and program modifications. Facilitates skills in critically evaluating research to select evidence-based approaches for practice settings.

EDP 381C.6 Literature and Research Synthesis 3 Hours

Focuses on the creation of a literature review or systematic research synthesis. Subjects to be covered include: problem formation; how research is communicated and how the scientific communication system affects knowledge; methods for locating research; problems in retrieving data from secondary sources; judging the quality of research; estimating the impact of policies and practices and gauging the strength of relations; and assessing variance in impacts and relationships across studies.

EDP 381C.8 Qualitative Research Methods 3 Hours

Examines research methods that are descriptive, field-based, interpretive, and discovery-focused. Subjects include the varieties of qualitative research; identifying questions and phenomena for research; planning and conducting qualitative research; coding and other analytic procedures; developing an interpretation; and trustworthiness issues in qualitative inquiry.

EDP 381D Advanced Statistical Modeling 3 Hours

Advanced course intended for doctoral students specializing in quantitative methods. Subject matter includes extensions of basic two- and three-level multilevel models and of structural equation models; simulation study design; and related subjects.

EDP 381E Advanced Item Response Theory 3 Hours

Advanced course intended for doctoral students specializing in quantitative methods. Subjects include extensions of Item Response Theory (IRT) models, including multidimensional IRT and Testlet Response Theory, explanatory item response modeling, IRT rater models, cognitive diagnostic IRT models, response time models, and related subjects.

EDP 381S Practicum in Program Evaluation 3 Hours

EDP 382C Topics in Social Psychology and Behavioral Sciences in Education 3 Hours

Examination of issues, theories, and research in selected areas of social psychology and other behavioral sciences that have implications for education. Social psychology is the study of how individuals are influenced by others. Behavioral sciences examines the interaction of cognitive processes and social environment, including social relationships.

EDP 382C.2 Social Psychology 3 Hours

Explore basic theories and methods of social psychology including attitudes and social cognition, interpersonal relations and group processes, and personality processes and individual differences.

EDP 382C.6 Psychology of Race, Prejudice, and Stereotypes 3 Hours

Studies the history and evolution of race, prejudice, and stereotyping from a social psychological perspective. Focuses on understanding the psychology of racial attitudes, prejudice, and stereotyping. Includes related ideas from the areas of anthropology, sociology, and biology.

EDP 382C.8 The Social Psychology of Siblings 3 Hours

Survey multiple theories and research literature evaluating the influence of siblings, including the absence of siblings on social, psychological, and health outcomes across the lifespan. Utilize an empirical research study about sibling effects during childhood, adolescence, adulthood, and old age.

EDP 382D Topics in Learning and Motivation 3 Hours

History and systems of psychology applied to education; modern theories and current research in learning and human motivation, especially in relation to new educational media and to the educative process.

EDP 382D.16 Research on Discourse Practices 3 Hours

Considers the current research and thinking about how individuals use language in human interaction, how writing and reading processes are multidimensional and socially situated, and how new forms of discourse arise in social interactions.

EDP 382D.2 History and Systems of Psychology 3 Hours

Overview of the major theoretical frameworks in psychology and its antecedents as a scientific field. Includes discussion of influential ideas, the people behind them, and their historical contexts. Special focus is on particular psychology paradigm characteristics of certain periods in history. Additional emphasis is placed on the research methodologies that accompany each paradigm, and on building communication skills and co-constructing understanding through class discussions, oral presentations, and analytical writing.

EDP 382D.20 Current Issues in Motivation 3 Hours

Discuss advanced issues and debates in motivation research: motivational interventions, methodological innovations, the roles of culture and context, and current theoretical debates in the field.

EDP 382D.4 Psychology of Learning 3 Hours

Examination of the current literature on how people learn, the factors that influence the acquisition of knowledge, and on the philosophical frameworks that have characterized views of the learning process.

EDP 382D.6 Motivation and Emotion 3 Hours

Explore human motivation and emotion from a psychological perspective. Examine classical and contemporary theories to understand the nature, predictors, functions, and consequences of motivation and emotion. Review basic theories of motivation and emotion in application to educational issues.

EDP 382E Topics in Biological Basis of Behavior and Learning 3 Hours

An investigation of how the biological processes influence behavior, as well as how biological, social, and psychological factors influence health, illness, and learning.

EDP 382E.10 Child and Adolescent Psychopharmacology, Health, and Learning 3 Hours

EDP 382E.11 Pediatric Psychology and Health Disparities 3 Hours
Focus on current research and practice in pediatric psychology, including the biological, psychological, and social foundations of pediatric conditions, as well as lifespan health conditions related to development in childhood. Explore general principles of pediatric psychology, pediatric health disparities, and disease-specific issues (e.g. cancer, asthma, diabetes, obesity), including developmental processes of risk and resilience and prevention and intervention for these conditions.

EDP 382E.2 Biological Basis of Behavior 3 Hours

Provides an overview of brain structure and function and the brain bases of behavior and disorders of behavior. Focus is on the structure of the nervous system, with a primary emphasis on the functional organization of the brain, and the mechanisms underlying neural communication, followed by a review of various functional systems of the brain and clinical disorders known to be associated with dysfunction of these systems.

EDP 382F Topics in Human Development 3 Hours

Theories of development and the educative process.

EDP 382F.10 Mindfulness, Compassion, and the Self 3 Hours

Research and theory related to the concept of the "self" from both Eastern and Western philosophical perspectives, and on the evidence for mental and physical health benefits of mindfulness, compassion for others, and self-compassion.

EDP 382F.12 Dysfunction in Human Behavior/Social Organizations 3 Hours

Designed to provide an overview of the development of human dysfunction using both psychological and cultural perspectives. Includes a review of personality development as well as the societal dynamics associated with dysfunctional behavior.

EDP 382F.3 Life Span Development 3 Hours

Examine human development from birth to death. Explore theories and empirical research across domains including social, emotional, identity, and cognitive. Discuss the roles of gender, socio-economic status, culture, race, ethnicity, and sexual orientation in human development and aging across multiple settings.

EDP 382F.6 Culture, Child Development, and Education 3 Hours

Advanced graduate seminar that examines current theory and research from the psychology, anthropology, and sociology fields on the roles of culture, ethnicity, and race in the development and education of children around the world. In-depth discussion subjects include parenting and socialization; cognitive, social, and emotional development; the effects of socioeconomic status; culture change and acculturation; and racism and critical race theory.

EDP 382G Topics in Cultural Diversity and Individual Differences 3 Hours

Theory and research on cultural diversity and individual differences as factors in psychology and education.

EDP 382G.10 Disability and Culture in Education 3 Hours

Examine the culture of disability in the educational context. Explore language and terminology around disability, the history of ableism (discrimination/prejudice), the role of accommodations and access in defining disability and inclusion, perceptions of disability over time, identity development for individuals with a disability, diversity and difference of language within disability groups.

EDP 382G.12 School Mental Health for Emerging Bilingual Students 3 Hours

Explore the school mental health process for emerging bilingual students. Discuss the referral, assessment, and intervention pathway in the school-based setting. Examine cultural and linguistic considerations for student engagement, family participation/training, and school collaboration (e.g., working with teachers, administrators, school counselors, social workers, and outside agencies).

EDP 382G.2 Latino/a Psychology 3 Hours

United States Latino/a experiences, issues, and behavior in the context of psychological theory and research; including, but not limited to, Mexican Americans, Puerto Ricans, Dominicans, Cubans, Central, and South Americans. Integrates sub-disciplines of psychology and explores a variety of subjects relevant to the psychology of Latinos/as, including: race; ethnicity; culture; immigration; acculturation; identity; language; sexuality and sexual orientation; racial and gender socialization; racism, colonization, and colorism; oppression; and health disparities.

EDP 382G.4 Psychology of Women and Gender 3 Hours

Study of women's experiences, issues, and behavior in the context of psychological theory and research. Integrates many sub-disciplines of psychology and explores a variety of subjects relevant to the psychology of women, including sexuality, gender socialization, sex differences, victimization, oppression, and motherhood.

EDP 382Q Research Practicum in Human Development, Culture, and Learning Sciences 3 Hours

EDP 383C, 483C Topics in Assessment and Diagnosis 3-4 Hours
Advanced study of theory, issues, and application of methods of measurement and diagnostic systems. Topics include techniques to estimate individual and group differences as these inform learning and behavior in educational and community settings.

EDP 383C.12, 483C.12 Assessment in Counseling 3-4 Hours

Introduction to the fundamentals of objective assessment, with emphasis on cultural and ethical considerations. Review of assessment techniques includes diagnostic interviewing, intelligence testing, achievement testing, objective personality testing, interpretation of assessment data, writing integrated reports, providing feedback, and making appropriate referrals. First course of a two-part sequence in psychological assessment; the second course in the sequence is Educational Psychology 383C (Topic 14).

EDP 383C.2, 483C.2 Overview of Psychoeducational Assessment 3-4 Hours

Reviews the principles and concepts underlying assessment and appraisal of aptitudes, achievement, personality, behavioral and emotional regulation. Reviews standardized testing procedures, as well as checklists, clinical interviewing and projective measures. Develops literacy skills for reviewing test reports and implementing recommendations from assessment reports.

EDP 383C.30, 483C.30 Developmental Psychopathology 3-4 Hours

Explore the nature, structure, etiology and developmental course of psychopathology through the lifespan. Examine key issues including approaches to the classification of disorders, incidence and prevalence rates, developmental course of disorders, and risk and protective factors.

EDP 383C.4, 483C.4 Individual Testing 3-4 Hours

Focuses on the selection, administration, scoring, and interpretation (oral and written) of commonly administered individual tests of intelligence for children and adolescents.

EDP 383C.6, 483C.6 Academic Assessment and Intervention 3-4 Hours

Explore the application of theory and research along with psychometric knowledge to the assessment of academic skills, with the intent of using this and other (e.g., cognitive) data to recommend evidence-based interventions for children and youth in academic settings. Address the use of data to monitor response to academic services and interventions.

EDP 383C.7, 483C.7 Evidence-Based Interventions in Schools 3-4 Hours

Examine knowledge, skills, and dispositions necessary to assist children experiencing academic difficulties. Discuss vocabulary, concepts, principles, and practices related to the delivery of high-quality academic instruction to all learners in schools. Evaluate interventions and match academic interventions to instructional needs.

EDP 383C.8, 483C.8 Social and Emotional Assessment with Children and Adolescents 3-4 Hours

Focus on developing knowledge and skills in evidence-based social/emotional assessment, including conducting and interpreting evidence-based assessments of children's social, emotional, and behavioral functioning, and the diagnosis of mental health disorders in youth.

EDP 383D Practicum: Level One 3 Hours

EDP 383E Practicum: Level Two 3 Hours

EDP 383F Practicum: Level Three 3 Hours

EDP 384C Topics in Prevention and Intervention 3 Hours

Advanced study of theories, processes, and techniques of evidence-based prevention and intervention to enhance learning and behavior in educational and community settings.

EDP 384C.11 Family and Couples Interventions 3 Hours

Review major family systems theories and practices.

EDP 384C.14 Addiction Counseling 3 Hours

Studies biological mechanisms of categories of commonly abused substances and treatment approaches to addiction. Includes discussion of other forms of addiction, including food, sex, and internet, and addiction in diverse populations.

EDP 384C.18 Multicultural Counseling 3 Hours

Introduction to cultural diversity and multiculturalism in counseling. Designed to help students understand important cultural issues and various cultural groups.

EDP 384C.2 Theories in Counseling 3 Hours

Theories and research for developing counseling interventions in a pluralistic world.

EDP 384C.21 Fundamentals of Cognitive and Behavioral Interventions for Youth 3 Hours

Explore an introduction to Behavior Therapy (BT) and Cognitive Behavioral Therapy (CBT) for children and adolescents. Examine the history and theoretical underpinnings (learning theory, social learning theory, cognitive theory), core transdiagnostic principles of behavior change, and a survey of CBT techniques commonly used in practice for common child and adolescent mental health concerns.

EDP 384C.24 Cognitive-Behavioral Therapy with Adults 3 Hours

EDP 384C.30 Psychodynamic Psychotherapy 3 Hours

EDP 384C.32 Integrated Behavioral Health 3 Hours

Focus on integrated behavioral health care for underserved children and their families; develops knowledge and skills in integrated health care service delivery, cultural competence in health services, and family-centered health services.

EDP 384C.34 Prevention Science 3 Hours

Examines risk and protective influences on development and evidence based interventions that promote well-being across academic, social-emotional, and health domains.

EDP 384C.38 Motivational Interviewing 3 Hours

Explore the theoretical and empirical base for motivational interviewing, including training on the skills and spirit of motivational interviewing. Designed for students whose career goals include healthcare, therapy, or counseling.

EDP 384C.4 School Counseling 3 Hours

Covers subjects related to the design, implementation, and evaluation of socio-emotional interventions in educational settings. Included is a review of American School Counseling Association Standards, standards of the Texas Education Agency for school counselors, and legislative rules related to school counseling.

EDP 384C.6 Career Development 3 Hours

Introduction to the basic principles, models, and methods of career development used in educational settings.

EDP 384C.8 Helping and Counseling Skills 3 Hours

Designed to provide a foundation for the professional practice of counseling and the skills necessary for professional training in counseling and related fields. Studies basic interpersonal helping skills, clinical interviewing, and intervention strategies.

EDP 384C.9 Approaches to Intervention 3 Hours

Subjects include ecological prevention methods, psychoeducational prevention activities, and relapse prevention; clinical interventions include crisis intervention and early interventions. Proactive prevention efforts are emphasized.

EDP 384D Group Counseling and Interventions 3 Hours

Explore theory and research in group practice; group dynamics and membership; principles of group planning; and development of leadership skills through structured in-class experiences.

EDP 184Q, 384Q Practicum in Counseling 1,3 Hours

EDP 384S Practicum in Spanish for the Helping Professions 3 Hours

EDP 184V, 384V Advanced Practicum 1,3 Hours

Advanced study and practice of theories, processes, and techniques of evidence based prevention and intervention to enhance learning and behavior in educational and community settings.

EDP 385C Topics in Professional Issues, Leadership, and Development 3 Hours

EDP 385C.12 Seminar in Academic and Student Affairs in Higher Education 3 Hours

Explore topical issues in higher education and strategies for promoting mental health and well-being in post-secondary students.

EDP 385C.14 School Consultation Theory and Practice 3 Hours

Explore theoretical, empirical, and applicable knowledge of indirect service models as practiced by school psychologists; specifically, behavioral consultation, collaboration, and supervision. Examine the information and skills necessary to be able to thoughtfully enter a system and provide consultation services to organizations that serve children and adolescents.

EDP 385C.3 Advanced Supervision and Consultation: Practicum 3 Hours

Examine research, theory, and practice of professional supervision and consultation. Explore supervisory and consultation issues and theory and the growing empirical literature on evidence-based practices in supervision and consultation; practice clinical supervision with students.

EDP 385C.5 Professional Orientation and Ethics in Counseling 3 Hours

Explore an introduction to the ethical codes of the American Psychological Association and the American Counseling Association, as well as the Texas Administrative Codes for licensed psychologists and licensed professional counselors. Review ethical codes and issues in school counseling.

EDP 385C.6 Advanced Ethics and Professional Issues in Counseling 3 Hours

Examines the professional roles and practices for counselors, including records management, an overview of business/family law and professional practice, and the study of current board rules.

EDP 385C.8 Law, Ethics, and History of School Psychology 3 Hours

Provides information about the roles of school psychologists/psychologists and the legal and ethical issues that affect their roles.

EDP 386Q Practicum in Post-Secondary Teaching 3 Hours

Shadow instructor teaching at the college level, and discuss the various components and decisions made in organizing and teaching, towards a goal of developing a portfolio demonstrating teaching competency.

EDP 187T, 287T, 387T, 587T, 687T Topics in Educational Psychology 1-6 Hours

Explore issues, research, and topics of contemporary interest in various areas of educational psychology and the behavioral sciences.

EDP 390N Topics in Applied Data Analytics 3 Hours

Theory, models, methods, and applications of data analytics.

EDP 390N.1 Fundamentals of Probability and Statistics 3 Hours

Examine the basics of probability theory and statistical methods. Explore data and statistics, probability fundamentals, statistical inference, and an introduction to parametric and non-parametric methods.

EDP 390N.11 Machine Learning for Applied Research 3 Hours

Explore machine learning techniques for applied research in educational and social sciences and practice the techniques using empirical data in R. Discuss supervised learning methods such as regression, classification, and ensembles. Discuss unsupervised learning models for dimensionality reduction, and clustering.

EDP 390N.13 Applications in Data Mining 3 Hours

Apply data mining techniques and tools to discover patterns and insights in large datasets. Use applications in classification techniques, regression techniques, clustering algorithms, association rule mining, and anomaly detection.

EDP 390N.15 Social Network Analysis in Applied Research 3 Hours

Examine methods for analyzing social networks, understanding relationships and structures within data collected from social interactions. Explore key social network analysis (SNA) concepts, representation and construction, structure and topology, measures in SNA, visualization with SNA, SNA research applications, and how to communicate results effectively.

EDP 390N.17 Longitudinal Data Analytics 3 Hours

Examine methods for analyzing data collected over time, including linear mixed-effects models, generalized linear models, autoregressive models, and survival analysis. Explore longitudinal data and data structures, data preprocessing, advanced subjects, model checking and selection, applications, and ethical considerations.

EDP 390N.19 Fundamentals of Text Analytics 3 Hours

Practice techniques for working with and analyzing textual data to extract meaningful information. Explore text representation, exploratory analysis for text, sentiment analysis, text classification, topic modeling, named entity recognition, text analytics for information retrieval, and natural language processing (NLP).

EDP 390N.3 Data Analytics: Fundamentals and Ethics 3 Hours

Discuss data analytic techniques and ethical considerations in data analytics. Explore data analytics, data collection and preparation, exploratory data analysis techniques, predictive analytics, communicating results, and ethical considerations in data analytics.

EDP 390N.5 Data Wrangling and Preprocessing in R 3 Hours

Practice techniques for cleaning and preparing data for analysis in R. Explore R and Tidyverse, data import/export, data cleaning, data transformation, merging and joining datasets, data preprocessing, working with text and string variables, automating data processing, and visualization through the data wrangling process.

EDP 390N.7 Data Visualization in R 3 Hours

Create informative and effective visual representations of data using R, emphasizing effective communication of data insights. Examine principles of data visualization, the use of libraries, customization and aesthetics of plots, interactive data visualizations, visualization of multivariate, categorical, and grouped data, exploratory data analysis with visualization, and effective data storytelling.

EDP 390N.9 Regression Methods 3 Hours

Explore various regression methods used in applied data analytics, including linear regression, logistic regression, advanced regression techniques, generalized linear models, interactions, model evaluation and validation, and communicating results.

EDP 193E, 393E School Psychology Specialist Internship 1,3 Hours

EDP 193N, 393N Internship in School Psychology 1,3 Hours

EDP 194 Topics in Colloquium in Educational Psychology 1 Hour

Presentation and discussion of issues related to graduate study in educational psychology, including research proposals and developments in the field, by advanced graduate students, members of the faculty, and visiting lecturers.

EDP 194E, 394E Internship in Counseling 1,3 Hours

EDP 194L, 394L Internship in Counseling 1,3 Hours

EDP 194N, 394N Internship in Counseling Psychology 1,3 Hours

EDP 194R, 294R, 394R Research 1-3 Hours

Individual research planned, carried out, and reported under the supervision of a Graduate Studies Committee member.

EDP 395R Qualifying Process Research 3 Hours

Investigation of assigned problems under the direction of a Graduate Studies Committee member; development and demonstration of competence in research design and execution; and production of an acceptably written research report. Required of doctoral students with a major in educational psychology.

EDP 698 Thesis 6 Hours

EDP 398R Master's Report 3 Hours

Preparation of a report to fulfill the requirement for the master's degree under the report option.

EDP 398T College Teaching Methodology 3 Hours

Supervised college teaching experience.

EDP 399W, 699W, 999W Dissertation 3,6,9 Hours