

# EDUCATIONAL PSYCHOLOGY, PH.D.

**Director:** Tonya Davis

The Doctor of Philosophy degree has specializations in applied behavior analysis, gifted and talented, special education, and quantitative methods. In some cases, students may complete courses from multiple specializations to total the required 33 hours of strand coursework. Specializations allow students to select courses based on their interests and future goals. The program focuses on developing reflective teachers of adult learners and competent researchers who will generate new information in their fields of study. The goals of this program are to

- develop researchers with a balance between disciplinary and multidisciplinary perspectives;
- improve the quality of instruction and research in higher education institutions;
- develop teachers who are scholars and encourage inquiry-based learning and creative production; and
- develop researchers in exceptionalities, learning and development, and/or quantitative methods.

Graduates from this program may expect to be hired as professors in departments of educational psychology and related disciplines; teachers in medical schools, church-related institutions, and community colleges; directors of development and research centers; coordinators of field-based and adult-based education programs; evaluators for public or private schools; and research and development in business, government, and other agencies. The majority of all course work toward the completion of the Ph.D. must be taken at Baylor. The number of credits to be transferred will be determined by the faculty in the department upon petition approval by the Graduate School.

## Admission to Doctoral Program

Admission to the Graduate School of Baylor University and the Ph.D. program in Educational Psychology is conducted by formal application. Students must be admitted to the Ph.D. program.

This program admits a very select number of students with strong academic credentials who are interested in working with faculty in research and development projects. Admission to the doctoral program takes into consideration the following critical factors deemed important for success in graduate studies:

- A bachelor's degree from an accredited institution.
- A completed Graduate School application form.
- Transcripts from all higher education institutions attended.
- A written statement outlining the goals the applicant hopes to accomplish by completing the degree.
- Scores on the Graduate Record Examination (GRE) that are predictive of success in this program.
- A minimum overall GPA of 3.0 in the major field of undergraduate study or an overall GPA of 3.5 at the master's level.
- Three letters of recommendation.
- International students are expected to secure either a minimum of 550 (PBT) or 80 (IBT) on the Test of English as a Foreign Language

(TOEFL), 6.5 on the International English Language Testing System (IELTS), or attain an overall score of 125 on the Duolingo exam.

Once these preliminary admission requirements are met, the applicant may be asked to submit a writing sample and a professional resume. Upon review of all of the information, the Graduate faculty teaching in the Ph.D. program may require a personal interview. This interview will be of sufficient length to allow the applicant as well as the faculty to make an informed decision.

In addition to the listed criteria, the committee may consider the applicant's related work and academic experience, publications, presentations to professional organizations, leadership roles, teaching excellence, awards, career focus, and other professional activities that might provide evidence of potential success in a doctoral program.

Applications must be submitted by December 1 for summer and fall semesters. Applicants for spring semesters should contact Dr. Tonya Davis regarding application deadlines. For more information, contact Dr. Davis. Telephone 254-710-6166; e-mail Tonya\_Davis@baylor.edu.

Code	Title	Hours
<b>Required Core Courses</b>		
<i>General/Applied</i>		
EDP 6302	Doctoral Seminar Part 1	3
EDP 6303	(EDP 6303::Doctoral Seminar Part 2)	3
EDP 6304	(EDP 6304:: Doctoral Seminar Part 3)	3
EDP 6340	Teaching in Higher Education	3
EDP 6338	Grant Writing	3
<i>Dissertation</i>		
EDP 6V99	Dissertation	9
<i>Research Methods</i>		
EDP 6360	Experimental Design I	3
EDP 6362	Applied Multiple Regression/Correlation Analysis in Education	3
Select three courses from the following:		9
EDC 6359	Mixed Methods Research Design and Analysis	
EDP 5340	Measurement and Evaluation	
EDP 5357	Single-Subject Research Design	
EDP 6336	Qualitative Research and Data Analysis	
EDP 6337	Psychometric Theory and Test Construction	
EDP 6354	Advanced Single Case Design	
EDP 6365	Latent Variable Models in Education	
EDP 6361	Experimental Design II	
EDP 6366	Item Response Theory	
<b>Strand Courses</b>		
Students may choose a minimum of 24 hours within or across strands, which may include 12 hours of electives that match the student's interests. Students should consult with the catalog and individual departments with regard to any prerequisites.		33
<i>Strand 1. Applied Behavior Analysis</i>		
EDP 5301	Philosophy in Applied Behavior Analysis	
EDP 5302	Concepts and Principles of Applied Behavior Analysis	
EDP 5332	Human Growth and Development	

EDP 5333	Psychology of Learning, Cognition, and Affect	EDP 5333	Psychology of Learning, Cognition, and Affect
EDP 5354	Ethics in Applied Behavior Analysis	EDP 5357	Single-Subject Research Design
EDP 5358	Teaching Individuals with Autism and Developmental Disabilities	EDP 5358	Teaching Individuals with Autism and Developmental Disabilities
EDP 5361	Challenging Behavior and Developmental Disabilities	EDP 5361	Challenging Behavior and Developmental Disabilities
EDP 5393	Cultural Issues with Children and Families	EDP 5367	Developmental Psychopathology
EDP 5V98	Practicum in Applied Behavior Analysis	EDP 6320	Concepts and Foundations of Behavioral Assessment
EDP 6320	Concepts and Foundations of Behavioral Assessment	EDP 6325	Positive Behavior Interventions and Supports
EDP 6325	Positive Behavior Interventions and Supports	EDP 6354	Advanced Single Case Design
EDP 6332	Advanced Human Growth and Development	EDP 6380	Community Experience in Developmental Disability Services
EDP 6335	Research Practicum in Education	EDU 5354	Curriculum Differentiation
EDP 6343	Consultation and Supervision in Applied Behavior Analysis	PSY 5311	Seminar in Memory and Cognition
EDP 6354	Advanced Single Case Design	PSY 5323	Biological Foundations of Behavior
EDP 6355	Advanced Concepts in Applied Behavior Analysis	<i>Strand 4. Quantitative Methods</i>	
EDP 6363	Verbal Behavior	ECO 5347	Econometric Theory and Methods
EDP 6380	Community Experience in Developmental Disability Services	ECO 5V98	Special Studies in Economics
EDP 6385	Internship in Applied Behavior Analysis	EDP 5337	Psychological Assessment of Children and Adolescents II: Psychoeducational
<i>Strand 2. Gifted and Talented</i>		EDP 6365	Latent Variable Models in Education
EDC 5310	Principles and Strategies for Effective Discipline and Classroom Management	EDP 6366	Item Response Theory
EDC 5311	Introduction to Qualitative and Quantitative Research	EDP 6367	Individual Differences
EDP 4350	Introduction to Gifted Education	MIS 6325	Quantitative Methods: Survey Research Using PLS Analysis
EDP 5333	Psychology of Learning, Cognition, and Affect	PUBH 5337	Public Health Concepts in Epidemiology
EDP 5351	Social/Emotional Needs of the Gifted	PSY 5305	Advanced Experimental Design
EDP 5357	Single-Subject Research Design	SOC 6307	Statistical Methods for Survey Research
EDP 5366	Psychology of Exceptional Children	SOC 6314	Advanced Quantitative Analysis for Sociology
EDP 5367	Developmental Psychopathology	SOC 6318	Sampling Techniques
EDP 5376	Practicum with Exceptional Children	STA 4385	Mathematical Statistics I
EDP 5393	Cultural Issues with Children and Families	STA 5384	Multivariate Statistical Methods
EDP 5V54	Practicum with Gifted Students	STA 4386	Mathematical Statistics II
EDP 6332	Advanced Human Growth and Development	STA 6360	Bayesian Methods for Data Analysis
EDP 6333	Advanced Study of Human Learning	STA 6375	Computational Statistics I
EDP 6335	Research Practicum in Education	STA 6384	Analysis of Categorical Responses
EDP 6350	History and Systems of Psychology and Educational Applications	<b>Total Hours</b>	<b>72</b>
EDP 6353	Creativity and Problem Solving		
EDP 6354	Advanced Single Case Design		
EDP 6367	Individual Differences		
EDP 6370	Case Study Research Methods and Analysis in Education		
EDP 6390	Seminar: Education		
PSY 5311	Seminar in Memory and Cognition		
<i>Strand 3. Special Education</i>			
EDP 5332	Human Growth and Development		
EDP 5329	Counseling Theories and Techniques		