

AUTISM SPECTRUM DISORDER & APPLIED BEHAVIOR ANALYSIS

For students interested in:

Human Services, Clinical Psychology, Education, Allied Health Professions (SLP, OT, PT, etc.), Applied Behavior Analysis, Behavioral Health Research and School Psychology.

If interested, please email icdugrad@binghamton.edu

Courses	Brief Description	Crds	Offered
<p>PSYC 355 Lab in Applied Behavior Analysis</p>	<p>This laboratory course introduces students to applied behavior analysis in the context of child behavior and development with an emphasis on developmental disabilities and autism spectrum disorder. The course includes lectures, demonstrations of the application of concepts and procedures of applied behavior analysis, oral presentations, quizzes on fundamental concepts in behavior analysis, written lab reports and a scientific paper. Students must earn a grade of C- or higher for this course to apply to the major. Typically offered in the Fall and Spring semesters Prerequisites: PSYC 243 and PSYC 344; PSYC 220 is strongly recommended. PSYC 356 is a prerequisite OR co-requisite. PSYC 355 is a pre-requisite to PSYC 493 and PSYC 494. Therefore, students need to apply to register for this class and receive <u>permission from the instructor</u> (conducted in the semester prior to enrollment). Attendance on the first day of class is required.</p>	<p>4</p>	<p>Fall 2023 Spring 2024 Fall 2024 Spring 2025</p>
<p>Upon successful completion of <u>PSYC 355 Lab</u>, the following courses can be taken in any sequence:</p>			
<p>PSYC 493 ABA & Evidence-based Practice</p>	<p>This course covers advanced topics in applied behavior analysis research, evidence-based interventions for Autism Spectrum Disorder, and evaluation methods for interventions in applied (clinical and educational) settings. This is a discussion-based course and requires small group projects and written assignments. Typically offered in the Fall semester. Prerequisites: PSYC 355, PSYC 356, and <u>Consent of instructor</u>. Attendance on the first day of class is required.</p>	<p>4</p>	<p>Fall 2024 Fall 2025</p>
<p>PSYC 494 ASD and Behavioral Assessment</p>	<p>Examination and application of assessment research in Autism Spectrum Disorder. Focus on functional behavioral assessment and precise, objective, behavior observation as part of the assessment process in the context of applied behavior analytic practice. Students conduct numerous behavior observation and assessment activities. Emphasis on ethics and professional issues in applied behavior analysis. Prerequisites: PSYC 355 with grade of B or better. <u>Consent of instructor required</u>. Typically offered in the Spring semester. Attendance on the first day of class is required.</p>	<p>4</p>	<p>Spring 2024 Spring 2025 Spring 2026</p>
<p>PSYC 476 Society, Science, and ASD</p>	<p>The purpose of the course is to understand the complex area of Autism Spectrum Disorder with perspective provided by related disorders and the broad range of child disorders. Societal barriers and supports are evaluated in the context of personal choice. Education and intervention are presented from an etiological and assessment perspective, rather than simple treatment technique survey. Emphasis is on empirically validated diagnosis, assessment, and treatment procedures, with focus within the evidence-based methodology of applied behavior analysis and related behavioral approaches. Topics include professional ethics, the history of bias for atypicality, judicial and legislative context, child vulnerability, and inequity. Prerequisites: PSYC 356, PSYC 220, PSYC 355 and PSYC 493 or PSYC 494. <u>Consent of instructor required</u>. Typically offered in Fall and Spring semesters. Attendance on the first day of class is required.</p>	<p>4</p>	<p>Spring 2024 Spring 2025 Spring 2026</p>

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