

PSYCHOLOGICAL SCIENCE (B.S.)

Bachelor of Science Program

Program Code: BS-AS

Major Code: PYC

Psychology Department

Buckham Hall A238

(716) 878-6215

psychology.buffalostate.edu/ (<https://psychology.buffalostate.edu/>)

The B.S. degree in Psychological Science is designed for students interested in a more traditional path in psychology that is geared towards research-focused graduate studies and careers that would emphasize more advanced research training.

B.S. Honors in Psychology

Departmental honors are for students who are performing exceptionally well in their courses. The honors designation is an adjunct to the Psychological Science B.S. degree with an added emphasis on independent work, and requires that students conduct a comprehensive original research project under the supervision of a faculty mentor. To be considered, students must have at least 24 credit hours in psychology from Buffalo State with a minimum GPA of 3.5, and a minimum GPA of 3.25 in all courses taken at Buffalo State. In addition to the required courses in the B.S. degree program, honors designation requires students to complete PSY 496 and PSY 498 (Honors Thesis I and II respectively). A 45-credit-hour sequence of psychology courses is required for a B.S. honors degree. Students should see their adviser no later than their junior year for more information about the honors option.

Admission Requirements

The student must complete PSY 350 Statistics in Psychological Research with a grade of B- or higher.

Program Requirements

Code	Title	Credit Hours
General Education 23 Requirements (http://ecatalog.buffalostate.edu/undergraduate/collegewide-degree-requirements-baccalaureate-degrees/#IF_Courses)		
33 credit hours		33
Psychology Major Requirements (42 credit hours)		
<i>Required Courses (18 credit hours)</i>		
PSY 101	INTRODUCTION TO PSYCHOLOGY	3

PSY 350	STATISTICS IN PSYCHOLOGICAL RESEARCH	3
PSY 450	RESEARCH METHODS IN PSYCHOLOGY I: INTRODUCTION TO RESEARCH METHODS	3
PSY 471	HISTORY AND SYSTEMS OF PSYCHOLOGY	3
PSY 472	SEMINAR ON PSYCHOLOGY	3
Select one from the following:		3
PSY 458	ADVANCED RESEARCH METHODS IN PSYCHOLOGY	
PSY 488	INTERNSHIP	
PSY 495	SPECIAL PROJECT	
PSY 499	INDEPENDENT STUDY	
The prerequisite for all 300-level courses is PSY 101 with a grade of C or better unless otherwise noted.		
Students must select one course from each of the following groups.		
<i>Biological/Cognitive Psychology</i>		
Select one of the following by advisement:		3
PSY 304	LEARNING: THEORY AND RESEARCH	
PSY 308	SENSATION AND PERCEPTION	
PSY 321	COMPARATIVE ANIMAL BEHAVIOR	
PSY 330	THE PSYCHOLOGICAL POWER OF LANGUAGE	
PSY 333	BRAIN AND BEHAVIOR	
PSY 340	COGNITIVE PSYCHOLOGY	
<i>Clinical Psychology</i>		
Select one of the following by advisement:		3
PSY 392	ABNORMAL PSYCHOLOGY ¹	
PSY 393	ABNORMAL CHILD PSYCHOLOGY ¹	
<i>Applied Psychology and Diversity</i>		
Select one of the following by advisement:		3
PSY 365	PSYCHOLOGY IN THE WORKPLACE	
PSY 367	ORGANIZATIONAL BEHAVIOR	
PSY 370	ENVIRONMENTAL PSYCHOLOGY I	
PSY 375	FORENSIC PSYCHOLOGY	
PSY 376	HEALTH PSYCHOLOGY	
PSY 381	PSYCHOLOGY OF CULTURE	

PSY 383	THE PSYCHOLOGY OF HUMAN SEXUAL BEHAVIOR	
PSY 387	PSYCHOLOGY OF GENDER	
PSY 388	PSYCHOLOGY OF DEATH AND DYING	
<i>Social/Personality Psychology</i>		
Select one of the following by advisement:		3
PSY 311	PERSONALITY: THEORY AND RESEARCH	
PSY 325	SOCIAL BEHAVIOR	
<i>Developmental Psychology</i>		
Select one of the following by advisement:		3
PSY 301	PERSPECTIVES ON CHILD ABUSE AND ADVOCACY	
PSY 327	ADULT DEVELOPMENT AND AGING I	
PSY 355	LIFESPAN DEVELOPMENTAL PSYCHOLOGY	
PSY 356	CHILD DEVELOPMENT	
PSY 357	ADOLESCENT AND YOUNG ADULT DEVELOPMENT	
<i>Advanced Electives</i>		
Select three additional courses by advisement. At least two of these must be at the 400-level.		9
All College Electives		
45 credit hours		45
Total Credit Hours		120

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Prerequisite: PSY 101 (<http://ecatalog.buffalostate.edu/search/?P=PSY%20101>) Grade of C and 3 additional hours of psychology.

Students will:

- demonstrate an understanding of the major historical schools of thought and approaches in psychology.
- demonstrate mastery of APA technical report writing.
- be prepared for research-focused graduate studies or careers related to psychology.
- be able to select and critically evaluate existing literature in a given topic area of psychology.
- demonstrate the ability to generate a scientific hypothesis in a given area of psychology.
- demonstrate the skills to design and implement research to test scientific hypotheses.
- be able to apply appropriate statistical techniques for a given research design.
- demonstrate the ability to apply valid conclusions based on topic area, hypothesis, review of literature, and study outcomes.