

**PSYCHOLOGY (PSY) 462**

435 DeGarmo Hall, (309) 438-8651

Website: Psychology.IllinoisState.edu

**Chairperson:** J. Scott Jordan.**Tenured/Tenure-track Faculty:**

*Professors:* Bergner, Binning, Catanzaro, Cates, Creasey, T. Critchfield, DeSouza, Farmer-Dougan, Hesson-McInnis, Hund, Jordan, Kahn, Landau, McBride, Meyers, Nauta, Reese-Weber, W. Schneider, Simpson, Swerdlik, Tobin, Wagman, Zimmerman.

*Associate Professors:* Braswell, K. Critchfield, Croker, Cutting, Heidenreich, Ispas, Rivadeneyra, K. Schneider.

*Assistant Professors:* Campbell, Han, Ilie, Lannin, Parris, Puri, Wesselmann.

**General Department Information****Program Admission Requirements for New and Continuing Students:**

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit [IllinoisState.edu/Majors](http://IllinoisState.edu/Majors) or consult the Department of Psychology website: [Psychology.IllinoisState.edu](http://Psychology.IllinoisState.edu).

**NOTE:** Transfer credit from community colleges is limited to 66 semester hours, plus four credits of physical education courses.

**NOTE:** The Department of Psychology typically does not admit students into the major who have completed more than 75 hours.

**Standards for Progress in the Major:**

In order to remain in the major, all Psychology majors must have achieved the following by the time they have completed 75 hours: (1) maintenance of a 2.00 or higher cumulative Illinois State University GPA, (2) maintenance of a 2.20 or higher Psychology major GPA (based on all courses taken at Illinois State University that count towards the Psychology major), and (3) completion of all of the following courses with a grade of C or better: PSY 111, 138, 200, and 231; MAT 120 or 121 or 144 or 145; a laboratory science course.

Records of all Psychology majors will be reviewed once they have completed 75 hours. Any student not fulfilling all of the standards for progress will be dismissed from the Psychology major.

**MINOR IN COGNITIVE SCIENCE**

The Department of Psychology participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For

further information, please consult the Department advisor as well as the section entitled "Interdisciplinary Studies Programs" in this *Undergraduate Catalog*.

**HONORS IN PSYCHOLOGY**

The Department offers honors work for superior students majoring in Psychology. In order to qualify, the student must be a member of the University Honors Program, have achieved senior standing at Illinois State University, have achieved a University GPA of 3.30 or better, and have a GPA of 3.50 or better in Psychology course work. Finally, after a semester of experience with a faculty member, the student must complete a senior thesis (HON 395A03 - Honors Thesis: Psychology) for at least 3 hours that reflects substantial research and quality of thought and present the thesis at the Psychology Department Honors colloquium. Further details about the University Honors program are available at [Honors.IllinoisState.edu](http://Honors.IllinoisState.edu).

**Psychology Programs**

Degrees Offered: B.A., B.S.

The Major in Psychology prepares students for careers in psychology-related fields as well as advanced studies in the discipline. The curriculum ensures that majors gain a strong background in the basic and applied aspects of psychological science. Majors receive in-depth instruction in psychological research methods and statistical application. They also take five courses in foundational areas of psychology that provide exposure to the broad content of the discipline, historical issues, cultural considerations, and applications. Majors become familiar with careers in psychology and complete a capstone experience as they complete the program.

**MAJOR IN PSYCHOLOGY**

- 41 hours in Psychology required.
- Meet departmental admission criteria.
- Students who major in Psychology must complete the following courses: ENG 145; MAT 120 or 145 (which also meet General Education requirements) or MAT 121 or 144; 2 laboratory science courses (which can be met through General Education requirements); a Philosophy course.
- Required courses: PSY 111, 138, 200, 213, 223, 231, 233, 253, 263, 331, 340, 392 (or alternative below):
- Students may select one of the following options to replace PSY 392: (1) PSY 290 (for 3 hours) and 390 with the same faculty member, or (2) PSY 291 (for 3 hours) and PSY 391 with the same faculty member, or (3) PSY 395 and 398 (for 3 hours) taken the same semester, or (4) HON 395A03 (for at least 3 hours, must have senior standing) and presenting an honors thesis at the honors symposium.
- 6 hours of additional PSY electives at the 300-level are required. (If a 3-hour course is transferred for PSY 111, a total of 7 hours of additional PSY electives are required, 6 of which must be at the 300-level.)

- Students may not register for more than a cumulative total of 17 hours of any combination of the following courses: PSY 287, 290, 291, 299, 390, 391, 398, or HON 395A03.
- Not more than 16 hours of 100-level Psychology courses, or Psychology courses transferred from community colleges, may count toward the major.

### MINOR IN PSYCHOLOGY

- 2.50 GPA with 12 hours completed at Illinois State University to be admitted to the Psychology Minor.
- 24 hours in Psychology required, including the statistics requirement (see below).
- Required courses (9-10 hours): PSY 110 or 111, 231, 233.
- 12 hours of Psychology content-course electives; 6 of these elective hours must be taken at the 200- or 300-level (upper division) at Illinois State or another four-year school.
- A course in statistics from: PSY 138, ECO 138, POL 138, MQM 100, MAT 150 or MAT 250, SOC 275, or by transfer.
- NOTE: Except for PSY/SOC 123 and PSY/SOC 223 (as electives) and SOC 275 (if used as statistics requirement), coursework in Sociology, Anthropology, or Social Work does not count toward the Psychology Minor.

### Psychology Courses

#### 110 FUNDAMENTALS OF PSYCHOLOGY SS 3 sem. hrs.

A review and critical analysis of psychology's most influential explanations of human behavior. Students may be expected to participate in experiments. Not for credit if had PSY 111. Not for credit in PSY major. May not be taken under the P/NP option.

#### 111 INTRODUCTION TO PSYCHOLOGY 4 sem. hrs.

Introduction to the discipline of psychology as the scientific study of behavior with emphasis on theory, methodology, and applications. Students may be expected to participate in studies. May not be substituted for PSY 110. Prerequisite: PSY major only.

#### 123 HUMAN SEXUALITY 3 sem. hrs.

Basic psychological, socio-cultural, and physiological elements of human sexuality. Not for credit if had SOC 123. Prerequisite: SOC 106 or PSY 110 or 111 recommended.

#### 138 REASONING IN PSYCHOLOGY USING STATISTICS QR 3 sem. hrs.

Introduction to descriptive and inferential statistics. Includes use of the Statistical Package for Social Sciences (SPSS) on laboratory computers. May not be taken under the P/NP option. Prerequisite: Grade of C or better in MAT 120 or 121 or 144 or 145.

#### 200 CAREERS IN PSYCHOLOGY 1 sem. hr.

Careers in Psychology and in other fields utilizing a Psychology Major. Prerequisites: PSY 110 or 111. PSY major only.

#### 213 LIFESPAN DEVELOPMENT 3 sem. hrs.

A critical examination of human psychological constancy and change throughout the life span, with special emphasis on biological, social, and cultural influences. Not for credit if had PSY 112. Prerequisites: ENG 101 and COM 110, or ENG 101 and concurrent registration in COM 110, or COM 110 and concurrent registration in ENG 101; PSY 110 or 111.

#### 215 EDUCATIONAL PSYCHOLOGY 3 sem. hrs.

Application of psychology to education covering human learning in school settings, evaluation and measurement of learning outcomes, developmental factors and learning, and social factors of learning. Includes Clinical Experience. Prerequisites: PSY 110 or 111. Teacher Education Major only.

#### 223 SOCIAL PSYCHOLOGY SS 3 sem. hrs.

Scientific study of ways individuals think, feel, and behave in social situations; research methods, attitudes, social cognition, and interpersonal relations. Also offered as SOC 223. Prerequisites: ENG 101 and COM 110, or ENG 101 and concurrent registration in COM 110, or COM 110 and concurrent registration in ENG 101; PSY 110 or 111 or SOC 106.

#### 230 BUSINESS AND INDUSTRIAL PSYCHOLOGY 3 sem. hrs.

Behavioral factors related to business and industry. Personnel practices, individual-group interaction, leadership and morale, fatigue and safety, and consumer behavior. Prerequisite: PSY 110 or 111.

#### 231 RESEARCH METHODS IN PSYCHOLOGY 3 sem. hrs.

Scientific inquiry and research in psychology with emphasis on experimental methodology and application of principles through laboratory experimentation and demonstration. Prerequisites: PSY 110 or 111; ECO 138 or MAT 150 or MQM 100 or POL 138 or PSY 138 or equivalent or concurrent registration. ENG 145 is recommended.

#### 233 PSYCHOLOGY OF PERSONALITY 3 sem. hrs.

Critically examines psychology's most influential theories regarding the nature of persons, including psychoanalysis, behaviorism, cognitivism, and biological theory. Prerequisites: ENG 101 and COM 110, or COM 110 and concurrent registration in ENG 101, or ENG 101 and concurrent registration in COM 110; PSY 110 or 111.

#### 253 COGNITION AND LEARNING 3 sem. hrs.

Basic principles of perception, attention, memory, language, thinking, and learning. Prerequisite: PSY 110 or 111.

**263 PHYSIOLOGICAL PSYCHOLOGY****3 sem. hrs.**

Neurophysiological, biochemical, and anatomical substrates of behavior including sensorimotor, perceptual, motivational, emotional, and intellectual behaviors. Prerequisite: PSY 110 or 111.

**287 INDEPENDENT STUDY****1-6 sem. hrs.**

Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students not on academic probation and who have demonstrated an ability to profit from independent study. Maximum of 6 hours may be applied toward graduation. Prerequisite: Consent of the department chair and supervisor.

**290 SPECIAL PROJECTS: RESEARCH APPRENTICESHIP****1-3 sem. hrs.**

Work on a faculty member's research project with faculty member. Multiple enrollments are allowed; maximum 9 hours. Prerequisites: 2.00 GPA; consent of the department chair and instructor.

**291 SPECIAL PROJECTS: UNDERGRADUATE TEACHING****1-3 sem. hrs.**

Work with a faculty member assisting in classroom instruction. Multiple enrollments are allowed; maximum 9 hours. Prerequisites: 2.20 GPA; consent of the department chair and instructor.

**299 INDEPENDENT HONOR STUDY****1-6 sem. hrs.**

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive report or examination. Open to students with superior academic records and a demonstrated ability to profit from independent study. Maximum of 6 hours may apply toward graduation. Prerequisites: Consent of the instructor, department chair, and Director of Honors.

**301 INFANT AND CHILD DEVELOPMENT****3 sem. hrs.**

Motor, cognitive, and emotional development and personality growth of children, birth through pre-adolescence. Prerequisite: PSY 110 or 111.

**302 ADOLESCENT DEVELOPMENT****3 sem. hrs.**

Psychosocial issues are covered across developmental contexts for adolescents experiencing fundamental biological, cognitive, and social changes. Prerequisites: PSY 110 or 111; PSY 213 or 215 or 231 or TCH 210.

**303 ADULT DEVELOPMENT AND AGING****3 sem. hrs.**

A study of physical, cognitive, and personality development during adulthood, with emphasis on theories, empirical data, research methods, and current issues. Prerequisite: PSY 110 or 111.

**305 PSYCHOLOGY OF WOMEN****3 sem. hrs.**

Psychological research to place in scientific perspective the etiology and behavioral consequences of female- and male-oriented attitudes. Prerequisite: PSY 110 or 111.

**320 HISTORY OF PSYCHOLOGY****3 sem. hrs.**

Historical antecedents of modern psychology. Examination of modern psychology from a systematic point of view. Prerequisites: PSY 110 or 111; PSY 213 or 233 or PSY/SOC 223; and PSY 253 or 263; or graduate status in Psychology.

**326 INTERNATIONAL PSYCHOLOGY****3 sem. hrs.**

History, current status, and future directions of scientific and professional psychology applied to contemporary global issues. Prerequisite: PSY 110 or 111.

**327 CULTURAL PSYCHOLOGY****3 sem. hrs.**

Psychological research that focuses on a particular cultural group. Focus will vary by semester. Multiple enrollments are allowed if topic is different; maximum of 6 hours. Contact the Department for availability of the following topics. Formerly *TOPICS IN PSYCHOLOGY AND DIVERSITY*. Prerequisite: PSY 110 or 111. See topics below.

**327A01 CULTURAL PSYCHOLOGY: LATINO/A PSYCHOLOGY****3 sem. hrs.**

This course will focus on current research on the psychological functioning of Latino/as in the United States. Students will become familiar with how psychologists (and other social scientists) have investigated the behavior of Latino/as (e.g., cultural identities, belief systems, language, mental health, etc.) and the contexts for their behavior. Prerequisite: PSY 110 or 111.

**327A02 CULTURAL PSYCHOLOGY: BLACK PSYCHOLOGY****3 sem. hrs.**

The course will explore current research on the psychological functioning of people of African descent (in the United States, Caribbean, Latin America, Europe, Asia, and Africa) and how psychologists (and other social scientists) have investigated the behavior of Black people around the world (e.g., cognition, cultural identities, belief systems, language, mental health, etc.) and the contexts for their behavior (e.g., families, communities, religious organizations, multiracial societies, etc.). Prerequisite: PSY 110 or PSY 111.

**331 LABORATORY IN RESEARCH METHODS FOR PSYCHOLOGY****3 sem. hrs.**

Advanced research course focusing on particular content areas. Multiple enrollments are allowed if content is different. Materials charge optional for some topics. Topics concentrate in different areas. Contact the Department for availability of the following topics. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only. See topics below.

**331A01 LABORATORY IN RESEARCH METHODS FOR PSYCHOLOGY: DEVELOPMENTAL****3 sem. hrs.**

Advanced research course focusing on particular content areas. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A03 LABORATORY IN RESEARCH  
METHODS FOR PSYCHOLOGY:  
OPERANT BEHAVIOR  
3 sem. hrs.**

Advanced research course focusing on particular content areas. Materials charge optional. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A05 LABORATORY IN RESEARCH  
METHODS FOR PSYCHOLOGY: SOCIAL  
3 sem. hrs.**

Advanced research course focusing on particular content areas. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A07 LABORATORY IN RESEARCH  
METHODS FOR PSYCHOLOGY:  
COGNITIVE PROCESSES  
3 sem. hrs.**

Advanced research course focusing on particular content areas. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A11 LABORATORY IN RESEARCH  
METHODS FOR PSYCHOLOGY:  
PERSONALITY  
3 sem. hrs.**

Advanced research course focusing on particular content areas. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A12 LABORATORY IN RESEARCH  
METHODS FOR PSYCHOLOGY:  
INDUSTRIAL AND  
ORGANIZATIONAL PSYCHOLOGY  
3 sem. hrs.**

An advanced course in industrial and organizational (I/O) psychology covering several aspects of I/O research. Prerequisites: PSY 138 and 231. PSY 230 is recommended. PSY major only.

**333 PRINCIPLES OF BEHAVIOR  
MODIFICATION  
3 sem. hrs.**

Principles of behavior modification with an emphasis upon their use in a variety of educational and clinical settings. Prerequisite: PSY 110 or 111.

**334 PSYCHOLOGICAL MEASUREMENT  
3 sem. hrs.**

The use of psychological testing in applied settings and fundamentals of measurement theory, including interpretation of test scores, reliability and validity assessment, and test development. Prerequisites: PSY 110 or 111; ECO 138 or MAT 250 or MAT 351 or MQM 100 or POL 138 or PSY 138 or consent of the department.

**340 STATISTICS FOR THE  
SOCIAL SCIENCES  
3 sem. hrs.**

Advanced statistical techniques for the behavioral sciences including hypothesis testing, inferential statistics, and data analysis using SPSS. Prerequisites: Grade of C or better in PSY 138; MAT 120 or 121 or 144 or 145. PSY major only.

**346 PSYCHOLOGY OF EXCEPTIONAL  
CHILDREN  
3 sem. hrs.**

A study of the socio-psychological factors influencing the exceptional child's cognitive and affective development with implications for those working with exceptional children. May Include Clinical Experience. Prerequisite: PSY 110 or 111.

**347 BEHAVIOR DISORDERS IN CHILDREN  
3 sem. hrs.**

Medical, psychological, and sociological aspects of behavioral disorders of children. Prerequisite: PSY 110 or 111.

**350 PSYCHOPATHOLOGY  
3 sem. hrs.**

An overview of various forms of psychopathology with an emphasis on etiology, characteristics, and treatment. Prerequisite: PSY 110 or 111.

**351 INTRODUCTION TO CLINICAL AND  
COUNSELING PSYCHOLOGY  
3 sem. hrs.**

Introduction to clinical and counseling psychology, including clinical assessment methods, modes of therapy, and current challenges in the fields. Prerequisites: PSY 110 or 111; PSY 350 or concurrent registration. PSY 233 recommended.

**360 LEARNING  
3 sem. hrs.**

Experimental data bearing on the problem of learning; learning theory; learning data and theory in relation to applied problems. Prerequisites: PSY 110 or 111; PSY 231.

**361 PERCEPTION  
3 sem. hrs.**

An overview of the philosophical, physical, physiological, and psychological aspects of perception; the relationship of perception to action. Prerequisites: PSY 110 or 111; PSY 231.

**364 MOTIVATION  
3 sem. hrs.**

Evolution of basic concepts leading to contemporary explanation of determiners of action with application to vocational, social, and educational areas. Prerequisites: PSY 110 or 111; PSY 231.

**365 DYNAMICS OF SOCIAL BEHAVIOR  
3 sem. hrs.**

An overview of the explanations for various aspects of social behavior, e.g., interaction, attitudes, person perception, etc. Prerequisites: PSY 110 or 111; PSY 223 or SOC 223.

**367 INTRODUCTION TO BEHAVIORAL  
PSYCHOPHARMACOLOGY  
3 sem. hrs.**

Foundation concepts of behavioral psychopharmacology including basic brain anatomy and physiology, neural mechanisms of drug action, and examination of drug action and behavior. Prerequisites: PSY 110 or 111; PSY 231; BSC 101 or 196. PSY 263 is recommended.

**368 HUMAN MEMORY  
3 sem. hrs.**

Basic theories and findings in the study of human memory with a focus on organization, development, distortions, and disorders. Prerequisites: PSY 110 or 111; PSY 231.

**369 PSYCHOLINGUISTICS**

**3 sem. hrs.**

Basic theories and findings in the study of the psychological processes of language use. Prerequisites: PSY 110 or 111; PSY 231.

**375 PERSONNEL PSYCHOLOGY**

**3 sem. hrs.**

Procedures, methods, and professional issues relevant to matching job candidates' personal attributes to the requirements of specific jobs; emphasis is on personnel selection, training, and EEO legal compliance. Prerequisite: PSY 230 or 334.

**376 ORGANIZATIONAL PSYCHOLOGY**

**3 sem. hrs.**

Research methods and results concerning social psychology of work organizations. Descriptions of practices in organizational psychology. Not for credit if had MQM 221 or 421. Prerequisite: PSY 230.

**390 ADVANCED RESEARCH APPRENTICESHIP**

**3 sem. hrs.**

Intensive work on a research project with a faculty member, culminating in a final paper or presentation. Prerequisites: Senior standing; PSY major only; 2.00 GPA; PSY 290 for 3 hours; consent of the department chair and instructor.

**391 SCHOLARSHIP OF TEACHING  
AND LEARNING APPRENTICESHIP**

**3 sem. hrs.**

Intensive work with a faculty member on the Scholarship of Teaching and Learning, culminating in a final paper or presentation. Prerequisites: Senior standing; PSY major only; 2.20 GPA; PSY 291 for 3 hours; consent of the department chair and instructor.

**392 SENIOR SEMINAR**

**3 sem. hrs.**

A capstone course for PSY majors featuring in-depth study of selected topics. Prerequisites: Senior standing; PSY major only.

**395 PROFESSIONAL PRACTICE SEMINAR**

**3 sem. hrs.**

Research application seminar focusing on utilizing the science of psychology in specific community settings. Prerequisites: Senior standing; PSY major only; PSY 398 concurrent registration for 3 hours; consent of the department chair.

**398 PROFESSIONAL PRACTICE: PSYCHOLOGY**

**1-3 sem. hrs.**

Internship applying psychology coursework in a supervised work experience in community agencies, organizations, businesses, and institutions. Multiple enrollments are allowed; maximum 9 hours total. Prerequisites: PSY major only; 15 hours in PSY; junior/senior standing; 2.20 GPA; consent of the department.