

# PSYCHOLOGY (PSYC)

## Courses

### PSYC 101 INTRODUCTION TO PSYCHOLOGY (3)

Psychological theories, principles and methods, with focus on measurement and experimentation, biopsychology, sensation and perception, learning and memory, motivation and emotion, personality and adjustment, abnormality and psychotherapy, development and individual differences. Students who have successfully completed the honors version of this course (PSYC 102) will not receive additional credit for this course. Core: Social & Behavioral Sciences.

### PSYC 102 HONORS INTRODUCTION TO PSYCHOLOGY (3)

An in-depth study of psychological theories, principles and methods, with focus on measurement and experimentation, biopsychology, sensation and perception, learning and memory, motivation and emotion, personality and adjustment, abnormality and psychotherapy, development and individual differences. Honors College course. Students who have successfully completed the non-honors version of this course will not receive additional credit for this course. Core: Social & Behavioral Sciences.

### PSYC 201 EDUCATIONAL PSYCHOLOGY (3)

The learning process and related concepts: human development; individual differences; measurement and evaluation; personality and adjustment. Prerequisite: PSYC 101.

### PSYC 203 HUMAN DEVELOPMENT (3)

Study of research and theories related to the overall development of the human throughout the life span with an emphasis on physical, cognitive, social and emotional dimensions. Prerequisite: PSYC 101 or PSYC 102.

### PSYC 205 INTRODUCTION TO THE HELPING RELATIONSHIP (3)

Current concepts of the helping relationship and an exploration of the conditions that facilitate its effectiveness. Prerequisite: PSYC 101.

### PSYC 212 BEHAVIORAL STATISTICS (4)

Distributions and graphs, notation, levels of measurement, percentiles, measures of central tendency and variability, principles of probability, the normal curve, standard scores, sampling theory, hypothesis testing, significance of differences, correlation and prediction, Chi square, non-parametrics, one-way analysis of variance. Students who have successfully completed PSYC 111 will not receive additional credit for PSYC 212. Not open to students who have successfully completed PSYC 213 or PSYC 313. Prerequisite: Core 3 (Mathematics) course with a grade of "C" (2.0) or better.

### PSYC 213 RESEARCH DESIGN AND STATISTICAL ANALYSIS IN PSYCHOLOGY I (4)

Methodologies for gathering observational and self-report data, be analysis of data using descriptive statistics and correlation/regression procedures. Discuss ethics and feasibility of different research designs. Successful completion is required to enroll in PSYC 313. Students who have successfully completed PSYC 212 or PSYC 314 will not receive additional credit for PSYC 213. Prerequisite: Core 3 (Mathematics) course with a grade of "C" (2.0) or better.

### PSYC 225 INTRODUCTION TO SOCIAL PSYCHOLOGY (3)

Theory and research of how people think about, influence, and relate to one another. Coverage of social cognition, attitudes, aggression and helping. Students who have successfully completed PSYC 325 will not receive additional credit for PSYC 225. Prerequisite: PSYC 101.

### PSYC 261 INTRODUCTION TO PSYCHOPATHOLOGY (3)

Psychological disorders and their etiologies, with introduction to relevant psychotherapeutic treatment approaches. Students who have successfully completed PSYC 361 will not receive additional credit for PSYC 261. Prerequisite: PSYC 101.

### PSYC 285 BIOLOGICAL PSYCHOLOGY (3)

An introduction to the biological correlates of behavioral and psychological processes. Coverage of basic neurophysiology and neuroanatomy of sensory, motor, and psychological processes. Students who have completed PSYC 465 will not receive additional credit for PSYC 285. Prerequisite: PSYC 101.

### PSYC 305 PSYCHOLOGY OF LEARNING (3)

Analysis of selected problems in both human and animal learning including reinforcement, punishment, verbal learning, and verbal behavior. Prerequisites: PSYC 101 and 6 units of PSYC; PSYC 313 or PSYC 314 is recommended.

### PSYC 309 PSYCHOPHARMACOLOGY (3)

Mechanisms of drugs, their effects on behavior and related topics. Prerequisites: PSYC 101 and 6 units of PSYC; PSYC 313 or PSYC 314 is recommended.

### PSYC 311 BEHAVIOR MODIFICATION (3)

Examination and application of the basic principles of the experimental analysis of behavior, with an emphasis on the applied aspects of this modern discipline to schools, jobs, interpersonal relations and self-control. Prerequisites: PSYC 101 and 9 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

### PSYC 313 RESEARCH DESIGN AND STATISTICAL ANALYSIS IN PSYCHOLOGY II (4)

Methodologies for gathering observational and self-report data, analysis of data using descriptive statistics and correlations/regression procedures. Discuss ethics and feasibility of different research designs. To receive Psychology major credit, PSYC 213 must also be successfully completed. Not open to students who have successfully completed PSYC 212 or PSYC 314. Requires grade of C or better to fulfill Core requirement. Prerequisites: ENGL 102 or ENGL 190 or equivalent, PSYC 101, and PSYC 213. Core: Advanced Writing Seminar.

### PSYC 314 RESEARCH METHODS IN PSYCHOLOGY (4)

The experimental method and its application to recent problems in psychological research; introduction to experimental design and inference. Three hours lecture, two hours laboratory per week. Not open to students who have successfully completed PSYC 213 or PSYC 313. Requires grade of C or better to fulfill Core requirement. Prerequisites: PSYC 101, ENGL 102 or ENGL 190 or equivalent, and PSYC 212. Core: Advanced Writing Seminar.

### PSYC 315 MOTIVATION (3)

Interaction between physiological, neurological and pharmacological aspects of motivation with environmental influences such as culture, learning and social dynamics. Issues in human motivation and emotion which will be emphasized are aggression, sex, achievement (competence) and cognitive-social influences. Prerequisites: PSYC 101 and 6 units of PSYC; PSYC 313 or PSYC 314 is recommended.

**PSYC 317 SENSATION AND PERCEPTION (3)**

A systematic investigation of the basic senses such as vision, audition, taste, smell, and touch will be undertaken. The organization of sensory input will also be emphasized. Both human and non-human data will be presented. Prerequisites: PSYC 101 and 6 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

**PSYC 327 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY (3)**

Theories, psychological concepts, and research applied to industrial and organizational workplace settings. Prerequisites: PSYC 101 and 3 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

**PSYC 350 PERSONALITY (3)**

Introduction to the theoretical perspectives and research aimed at understanding personality processes and individual differences in thought, emotion, and behavior. Perspectives may include psychoanalytic, dispositional, biological, learning and humanistic. Prerequisites: PSYC 101 and 3 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

**PSYC 361 PSYCHOPATHOLOGY (3)**

Psychological disorders and their etiologies, with introduction to relevant psychotherapeutic treatment approaches. Students who have successfully completed PSYC 261 will not receive additional credit for PSYC 361. Prerequisites: PSYC 101 and 3 units of PSYC.

**PSYC 377 EMOTION (3)**

An introduction to the science of emotion and its role in understanding behavioral and psychological processes. Topics include emotion expression and regulation, and the influences of biological, cognitive, and social processes. Prerequisites: PSYC 101 and PSYC 313 or PSYC 314 (or their equivalents).

**PSYC 381 READINGS IN PSYCHOLOGY (1-2)**

Readings in an area of psychology selected by the student in consultation with and under the direction of a faculty member. Counts as an experiential learning course for the Psychology major. May be repeated for a maximum of 4 units. Graded S/U. Prerequisites: PSYC 101, 6 units of PSYC and consent of instructor.

**PSYC 383 PROCTORING IN PSYCHOLOGY (3)**

Students serve as teaching apprentices or proctors in a course which they have already completed (such as Introduction to Psychology), and which they must relearn to 100 percent mastery. Students will manage the learning and evaluate individual progress of the members of the class assigned to them. The experience includes guidance, support and motivation of the assigned students, all in a supervised situation. Only 3 units may be earned in one term. May be repeated for a maximum of 6 units. For 6 units, students must serve as proctor for two separate courses. Grade S/U. Prerequisites: successful completion of five or more psychology courses or: introductory, educational and child, or adolescent psychology, and principles of education and be a junior or a senior standing plus permission of instructor. NOTE: Psychology majors and minors will not receive psychology elective credit for this course.

**PSYC 391 DIRECTED RESEARCH EXPERIENCE IN PSYCHOLOGY (1-3)**

An opportunity for qualified students to gain research experience by assisting faculty members with research projects. PSYC 391 and PSYC 491 in combination may be repeated for a maximum of 12 total units, but only 6 can apply to the major; the other 6 units will be used as general electives. Graded S/U. Prerequisites: 6 units of PSYC and consent of instructor.

**PSYC 403 INFANT AND CHILD DEVELOPMENT (3)**

An advanced course reviewing historical and current changes in the areas of infancy and childhood. Physical, cognitive and social emotional development will be covered in depth. Emphasis is placed on critical analysis of research theory construction and methods. Not open to those students who have successfully completed ECED 413. Prerequisites: PSYC 101 and PSYC 203; PSYC 313 or PSYC 314 is also recommended.

**PSYC 404 ADOLESCENT PSYCHOLOGY (3)**

Physical, emotional, intellectual development during adolescence; social development and heterosexuality; adolescent personality; problems of adjustment; juvenile delinquency. Prerequisites: PSYC 101 and PSYC 203; PSYC 313 or PSYC 314 is also recommended.

**PSYC 405 PSYCHOLOGY OF AGING (3)**

The changes in learning, emotions, personality and social behavior and the impact of culture and attitude on the aging process. Prerequisites: PSYC 101 and PSYC 203; PSYC 313 or PSYC 314 is also recommended.

**PSYC 410 PSYCHOLOGY OF SLEEP & SLEEP DISORDERS (3)**

Introduction and examination of the biological and environmental mechanisms of sleep, sleep disorders, and the effect of sleep on psychological disorders and human experience. This course has been offered as a special topic; students who have earned credit for this course as a special topic will not receive additional credit for PSYC 410. Recommended: PSYC 205, PSYC 285, PSYC 313/ PSYC 314. Prerequisites: PSYC 101 and 6 additional Psychology units.

**PSYC 411 TESTS AND MEASUREMENTS (3)**

Psychological and educational testing and evaluation. The construction, administration, interpretation and use of the various evaluative devices of aptitude and achievement. Prerequisites: PSYC 101 and PSYC 212; PSYC 313 or PSYC 314 is also recommended.

**PSYC 419 DIVERSE PERSPECTIVES IN PSYCHOLOGY (3)**

Diverse theories and topics explored by both traditional and modern psychology, drawn from a range of philosophical and cultural perspectives: psychodynamic and behavioristic approaches and existential, positive, transpersonal, and mind-body psychology. Prerequisites: PSYC 101 and 3 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

**PSYC 430 SYSTEMS AND TECHNIQUES OF PSYCHOTHERAPY (3)**

Review and application of current theoretical approaches to the helping relationship. Prerequisites: PSYC 101 and 3 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

**PSYC 431 GROUP DYNAMICS (3)**

Intensive study of group interactions with emphasis upon reciprocal group influence of behavior. Prerequisites: PSYC 101 and 3 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

**PSYC 432 CROSS-CULTURAL PSYCHOLOGY (3)**

Comparison of psychological behavior and theory in Western and Non-Western cultures. Prerequisites: PSYC 101 and 3 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

**PSYC 435 INTERNSHIP IN PSYCHOLOGY (3-6)**

Placement in a community service agency to familiarize students with its current practices. Supervised client contact will be provided. May be repeated for a maximum of 12 units, but only 6 units can apply to the major; the other 6 units will be used as general electives. Prerequisites: 23 units of psychology, minimum PSYC GPA 3.00 and consent of instructor.

**PSYC 436 SERVICE LEARNING IN PSYCHOLOGY (3)**

Integration of theory and practice through supervised direct experiential service with a partnering organization through tailored programming that includes reflection, community engagement, and skill development. May be repeated to a maximum of 12 units. This course has been offered as a special topic; students who have earned credit for this course as a special topic will not receive additional credit for PSYC 436. Prerequisites: PSYC 101 and 6 units of PSYC and instructor/departement consent.

**PSYC 439 THE INITIAL INTERVIEW (3)**

Clinical observation and practicum experience. Focus on interviewer and interviewee dimensions and relationship with patients. Use of tapes, seminars and individual supervision. Prerequisite: PSYC 205, and admission on Honors Clinical Track.

**PSYC 441 PSYCHOLOGY OF THE BLACK EXPERIENCE (3)**

Examination of the cultural psychological experiences of people of African descent and Black Psychology. Historical and cultural aspects of the Black experience from an African centered perspective including an introduction to AfricanAmerican and African-centered Psychology, social systems and structures that impact this population, individual and developmental processes including identity development, adjustment and adaption across a variety of contexts, and counseling prevention and intervention strategies. Prerequisites: AFST 201 and 3 additional units of AFST; or PSYC 101 and 3 additional units of PSYC; or permission of the instructor.

**PSYC 447 PSYCHOLOGY OF GENDER (3)**

Examination of topics related to gender from various psychological perspectives: biological, social, cultural, and developmental. Exploration of similarities and differences among various gender groups and the ways sex and gender are both conceptually related and distinct. Consideration of intersections of gender with other cultural identities. Emphasis on gender diversity and the implications of the gender binary. Prerequisites: PSYC 101 and 3 units of PSYC; PSYC 313 or PSYC 314 is also recommended.

**PSYC 451 INTRODUCTION TO THE EXCEPTIONAL CHILD (3)**

Examination of children with physical, cognitive, social, emotional, sensory, and multiple disabilities in addition to children who are gifted. Cultural and familial factors that contribute to the treatment of exceptional children in historical and current contexts. How exceptional children are categorized and offered special education services under the Individuals with Disabilities Education Act (IDEA) and services under section 504 of the Rehabilitation Act. Prerequisites: PSYC 101 and PSYC 203; PSYC 313 or PSYC 314 is recommended.

**PSYC 452 PSYCHOLOGY OF LANGUAGE (3)**

Principles of psycholinguistics, language perception, comprehension, production and acquisition; exploring syntax, lexicon, morphology, pragmatics and language disorders as they inform language processing. Prerequisites: PSYC 101 and 3 additional units in PSYC or consent of instructor.

**PSYC 453 ISSUES IN MENTAL HEALTH INTERVENTION (3)**

Overview of contemporary issues in applied mental health including history and systems of mental health interventions, culturally responsive counseling, and professional development. Prerequisite: admission to the Clinical Area of Focus program.

**PSYC 454 INTERNSHIP IN PSYCHOTHERAPY (3-4)**

Techniques of psychotherapeutic intervention. Seminars and individualized readings as well as intensive clinical supervision will be offered. May be repeated to a maximum of 8 units. Prerequisite: admission to Clinical Focus Program.

**PSYC 457 GENDER IDENTITY IN TRANSITION (3)**

Psychological consequences of changing definitions of femininity; masculinity, and personhood will be examined using recent theories of gender identity formation. Concepts such as androgyny, sex-role transcendence and future shock will be related to psychological adaptation to social change. Prerequisites: PSYC 447 or consent of instructor.

**PSYC 460 ETHOLOGY AND COMPARATIVE PSYCHOLOGY (3)**

A survey of the major behavioral adaptations in non-human and human species, within the framework of evolutionary theory, ethology, and experimental psychology. Prerequisites: PSYC 101 and 6 units of PSYC; PSYC 313 or PSYC 314 is recommended.

**PSYC 461 COGNITIVE PSYCHOLOGY (3)**

Examination of human cognitive processes from the perspectives of information processing theory, cognitive neuroscience, and connectionism. Focus on attention, memory, reasoning, language, problem solving, and visual imagery. May include related fields such as developmental psychology, artificial intelligence, and computer modeling. Prerequisites: PSYC 101 and 6 units in PSYC; PSYC 313 or PSYC 314 is recommended.

**PSYC 465 PHYSIOLOGICAL PSYCHOLOGY (3)**

An introduction to the physiological bases of behavior. The topics to be considered are basic neuroanatomy and neurophysiology, sensory and motor systems, motivational systems, and "higher-order" behavioral systems. Three units of lecture per week. Students who have successfully completed PSYC 285 will not receive additional credit for PSYC 465. Prerequisites: PSYC 101 and 6 units of PSYC; PSYC 313 or PSYC 314 is recommended.

**PSYC 467 MIDLIFE DEVELOPMENT (3)**

A study of adult behavior between the ages of 18 and 60. The developmental stages of young adulthood, adulthood, and middle age will be discussed along with topics pertinent to each of the levels such as leaving and becoming emancipated from the family; the transition and adjustment to marriage and work; and bridging the gap between ideals and actual fulfillment. Prerequisites: PSYC 101 and 6 units in PSYC; PSYC 313 or PSYC 314 is recommended.

**PSYC 470 SPECIAL TOPICS IN PSYCHOLOGY (1-3)**

Survey and critical evaluation of modern literature pertaining to selected problems in psychology. May be repeated for a maximum of 12 units provided a different topic is covered each time. Prerequisites: PSYC 101; PSYC 313 or PSYC 314 is recommended.

**PSYC 486 ADVANCED EXPERIMENTAL DESIGN (3)**

Analysis of variance, multiple comparisons, nonparametrics, general problems related to sampling, experimenter effects, SPSS analysis, reading of the experimental literature. Honors approval or consent of instructor. Prerequisite: PSYC 212 and PSYC 314.

**PSYC 491 INDEPENDENT INVESTIGATION IN PSYCHOLOGY (3)**

An opportunity for especially qualified students to undertake independent research problems according to their interest and training under the direction of a staff member. May be repeated for a maximum of 12 units, but only 6 units can apply to the major; the other 6 units will be used as general electives. Graded S/U. Prerequisite: PSYC 314 or PSYC 313, PSYC 391, and consent of instructor.

**PSYC 494 TRAVEL AND STUDY ABROAD / AWAY IN PSYCHOLOGY (1-3)**

Selected topics, issues, programs, projects and/or facilities related to the field of psychology. Locations and topics to be selected by Department and instructor sponsoring the program. There is no foreign language skill requirement. Prerequisite: consent of instructor.

**PSYC 497 HONORS SEMINAR IN PSYCHOLOGY (3)**

Issues of current and historical interest in psychology, examined from clinical, developmental, experimental, and other relevant points of view. Seminar format, including discussions, based on readings from primary sources and group projects. Prerequisites: Completion of the first year of Dept. Honors in PSYC (junior year) and consent of department.

**PSYC 498 HONORS CAPSTONE PSYCHOLOGY (3)**

Advanced coursework in psychology focused on preparation and presentation of Psychology Honors Thesis to thesis committee and peers. S/U Grading. Honors College course. Prerequisites: admission to the Honors Thesis in Psychology Program and successful completion of PSYC 486 and PSYC 497 with a grade of "B" or better.

**PSYC 499 HONORS SENIOR THESIS IN PSYCHOLOGY (3)**

Independent research on special problems in Psychology or closely related fields. Honors College course. Prerequisites: PSYC 314, PSYC 486, Honors approval.