

# Psychology

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The Department of Psychology offers a four-year program for students majoring in psychology. It also includes courses for students majoring in allied fields, as well as for students wishing an orientation to the field of psychology as part of their general education. Courses are designed to create an awareness of the fundamental principles of psychology, psychological research, and the means by which psychological knowledge is acquired. The emphasis is upon the scientific inquiry into basic phenomena and principles of behavior, not upon the development of professional skills.

## Programs and Requirements

### *Bachelor of Arts in Psychology*

The minimum number of credits (exclusive of the University's Core curriculum) required for the major: 43.

#### Required Courses:

PSY 101J & 102	General Psychology (3 credits each semester) to be taken as a two-semester sequence
PSY 105D	Statistics in Psychology
PSY 205	Experimental Methodology
PSY 206	Methodology Lab
PSY 220	Psychology of the Lifespan
PSY 230	Social Psychology
PSY 233	Psychopathology
PSY 350	Psychology of Learning
PSY 360	Cognitive Processes
PSY 361	Sensation and Perception
PSY 365	Physiological Psychology
PSY 371	History and Systems

Other courses offered by the Department can be taken as electives to complete the 43-hour minimum. Students must achieve a 2.0 average and grades of C- or better in all psychology courses that count toward fulfillment of the major requirements. Successful completion (with a grade of C- or better) of PSY 101J and 102 are prerequisites for all additional psychology courses, with the exception of PSY 105D and PSY 366 which require successful completion of PSY 101J and a semester of biology.

In addition, successful completion of the following non-psychology course is required for psychology majors. This course should be completed by the end of the sophomore year:

BIO 111	Human Anatomy and Physiology I (Prerequisite for PSY 365)
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PSY 101J and PSY 102 should be successfully completed no later than the end of sophomore year by students who plan to major in psychology. All majors should also complete PSY 205, and PSY 206 (with grades of C- or better) no later than the end of their junior year.

Transfer psychology majors who have taken an introductory psychology course that was completed in one semester have the option of taking PSY 102 or having it waived. If a transfer psychology major waives PSY 102, he or she must take an additional three credits of psychology electives. Students who are not psychology majors cannot waive PSY 102. MAT 120D can be used in place of PSY 105D.

All students are reminded that, in addition to meeting Departmental requirements for a major leading to a baccalaureate degree, they must also meet the requirements of the school or college involved, as well as the Core curriculum requirements.

The Department recommends that students who wish to take a more extensive program or who plan to enter graduate school elect, in consultation with their major advisor, other courses in psychology and also include study in related fields, such as mathematics, biology, philosophy, sociology, anthropology, computer science, and social work.

Psychology majors who plan to attend graduate school should keep in mind that Graduate Record Examinations must be taken no later than December of their sen-

ior year. Students should plan to complete as many psychology courses as possible by the end of the fall semester of their senior year.

Independent/Directed Study: With the permission of a faculty sponsor, junior and senior psychology majors may elect to participate in independent/directed study in one or more of the following courses: PSY 400 Independent Research; PSY 401 Research Apprenticeship; PSY 405 Teaching Apprenticeship and PSY 410 Internship/Field Experience. No more than 12 credits may be earned in any combination of these courses.

**PSY 101J General Psychology I**

An introduction to the study of behavior as a natural science. Among the topics covered are: method of inquiry, physiological foundations of behavior, sensation and perception, motivation and emotion, learning and thinking. This course is a prerequisite for all courses in the Department. Prerequisite: ENG 104C or corequisite: ENG 100C. Cr 3.

**PSY 102 General Psychology II**

A continuation of Psychology 101J. It deals with complex psychological processes such as ability testing, personality, conflict, behavior disorders and therapy, and social and industrial behavior. Prerequisite: PSY 101J. Cr 3.

**PSY 105D Statistics in Psychology**

A general introduction to the techniques of descriptive, predictive, and inferential statistics. Emphasis is placed on measures of central tendency and variability, correlation, hypothesis testing, and simple analysis of variance. Prerequisite: successful completion of the University's mathematics college readiness requirement. Cr 3.

**PSY 205 Experimental Methodology**

Emphasis on the principles, methods, and techniques of experimental psychology. Applications of general methodology and specific techniques to the design of experiments in behavioral research. Prerequisite: PSY 201D; corequisite PSY 206C. Cr 3.

**PSY 206 Methodology Lab**

This course applies the scientific method to selected areas of experimental psychology. Such areas may include animal learning, physiological, sensation-perception, cognition, social-personality, and developmental psychology. Report writing and interpretation of statistical results will be emphasized. Prerequisite: PSY 201; corequisite: PSY 205. Cr 1.

**PSY 210 Popular Psychology**

This course develops students' skills of critical analysis and interpretation through an examination of popular versions of psychology. Students also explore social and cultural influences on popular forms of psychology in different historical periods. Prerequisites: PSY 101J and 102. Cr 3.

**PSY 220 Psychology of the Lifespan**

This is a broad introductory course focusing on the theories, research methods, and the status of scientific knowledge about human development across the lifespan. The course focuses on the interplay of psychological and environmental factors in physical, cognitive, social, and personality development from birth through adulthood. Prerequisites: PSY 101J and 102. Cr 3.

**PSY 230 Social Psychology**

The psychological principles that enter into the social behavior of the individual. Areas of consideration include perception, communication, attitude

formation, interpersonal attraction, and group behavior. Prerequisites: PSY 101J and 102. Cr 3.

**PSY 232 Psychology of Adjustment**

A study of the development of personality patterns, modes of behavior, life styles, and coping mechanisms considered normal in this society. Consideration of their value to individual functioning. Prerequisites: PSY 101J and 102. NOTE: This course does not count toward major credit. Cr 3.

**PSY 233 Psychopathology**

The etiology, development, and manifestation of the major forms of mental illness with particular emphasis upon the neuroses and psychoses. Psychological, social, and biological factors that contribute to maladjustment are examined. Prerequisites: PSY 101J and 102. Cr 3.

**PSY 235 Psychology of Women**

Psychology of women and psychological literature relevant to men and women. Some topics include physiological and personality differences between the sexes, sex-role development, role conflict, women and traditional therapy. Prerequisites: PSY 101J and 102. Cr 3.

**PSY 311 Industrial Psychology**

Critical treatment of research methods in personnel selection and evaluation and current theories of individual behavior in complex organizations such as government and business. Prerequisites: PSY 101J and 102. Cr 3.

**PSY 320 Psychology of Personality**

Consideration of current issues and findings in personality. Current research in such areas as locus of control, anxiety, field dependence, interpersonal trust, repression-sensitization, sensation-seeking, authoritarianism, need for achievement, and extroversion. A group research project is required. Prerequisites: PSY 101J and 102. Fall semester only. Cr 3.

**PSY 323 Psychology of Infancy and Childhood**

This is an advanced course where students with a solid background in developmental psychology will explore in detail the psychological issues and events that occur during the course of infancy and childhood. Current research focusing on the interplay of psychological and environmental factors in physical, cognitive, social, and personality development of individuals from conception to puberty will be explored. Prerequisites: PSY 101J and PSY 102, and either PSY 220 or HRD 200J. Cr 3.

**PSY 324 Psychology of Adolescence**

This advanced course will provide an overview of theories, issues, and research in the study of human development from early adolescence to early adulthood. The interplay of biological and cognitive factors, interpersonal relationships, social structure, and cultural values in shaping the individual's

development will be examined. The role of adolescence in both the individual's life course and evolution of the culture as a whole will be considered. Prerequisites: PSY 101J, PSY 102, and either PSY 220 or HRD 200J. Cr 3.

### **PSY 325 Psychology of Adulthood and Aging**

This is an advanced course in developmental psychology focusing on the adult portion of the lifespan. The course will provide an overview of the major theories, issues, and research in the scientific study of adulthood. The interplay of biological and cognitive factors, interpersonal relationships, social structure, and cultural values in shaping the individual's development will be examined. Prerequisites: PSY 101J, PSY 102, and either PSY 220 or HRD 200J. Cr 3.

### **PSY 326 Psychology of Social and Linguistic Development**

This seminar explores research addressing infant and child social and linguistic development. The main focus is on brain development, temperament, attachment, linguistic growth, and early social cognition as the basis for children's emergent social and communicative competence. Students are expected to contribute to discussion and debates each week. Prerequisites: PSY 101J, PSY 102, and either PSY 220 or HRD 200J. Cr 3.

### **PSY 335 Deviations of Childhood**

Intensive readings and discussion of the etiology and manifestation of deviant patterns of behavior and functioning in children. Problems relating to the identification and management of such deviations are considered. Prerequisites: PSY 101J and 102 or permission of the instructor. Cr 3.

### **PSY 338 Theories of Personality**

A survey of the major contemporary approaches to the study of personality. Different theories are compared, their impact upon current thinking evaluated, and their research contributions assessed. Prerequisites: PSY 101J, 102. Cr 3.

### **PSY 340 Behavior Modification**

An introduction to the principles of operant conditioning with emphasis on the application of operant techniques in educational, correctional, and therapeutic situations. Prerequisites: PSY 101J and 102. Cr 3.

### **PSY 343 Psychological Test Theory**

The theoretical and statistical concepts underlying the development of various psychological tests. Individual and group tests of intelligence, personality, aptitude, and interest are examined and evaluated in terms of these concepts. Uses and abuses of psychological tests are considered. Prerequisite: PSY 201D or instructor's permission. Cr 3.

### **PSY 350 Psychology of Learning**

Experimental findings on the fundamental principles that underlie the acquisition and retention of

new behavior. Emphasis is placed on operant and respondent conditioning and the experimental analysis of behavior. Prerequisites: PSY 101J and 102. Cr 3.

### **PSY 351 Learning Laboratory**

An introduction to laboratory experiences designed specifically to demonstrate the basic principles of behavior conveyed in PSY 350. Topics include positive reinforcement, extinction, shaping, discrimination, schedules of reinforcement, generalization, and others. Prerequisites: PSY 101J and 102. PSY 350 must be taken either prior to or concurrently with PSY 351. Cr 1.

### **PSY 355 Research in Personality and Social Psychology**

Examination of current research in personality and social psychology. Experience in designing, executing, reporting, and evaluating research in personality and social psychology. This will include a research project. Prerequisite: 15 hours in psychology or permission of instructor. Cr 3.

### **PSY 360 Cognitive Processes**

A review of contemporary experimental and theoretical work on human information processing. Topics include pattern recognition, memory, attention, decision making, language, problem solving, and creativity. Emphasis will be placed on research methodology and on the interpretation of experimental findings. Prerequisites: PSY 101J and 102. Cr 3.

### **PSY 361 Sensation and Perception**

An examination of perceptual processes and sensory systems. Emphasis is on experimental methodology, research findings, and theoretical interpretations. Prerequisites: PSY 101J and 102. Cr 3.

### **PSY 365 Physiological Psychology**

Basic neuroanatomy, neurophysiology, and endocrinology, and the relationships between nervous system functioning and behavior. Physiological analysis of sensory function, motivation, and learning. Prerequisites: PSY 101J, 102, and BIO 111. Cr 3.

### **PSY 366 Drugs, Mind, and Behavior**

The physiological and behavioral effects of drugs are examined in light of current research. Also considered are theories relating to the use/abuse of drugs, tolerance, addiction, and drug interactions. Prerequisites: PSY 101J and one semester of biology. Cr 3.

### **PSY 368 Health Psychology**

This course is designed to introduce the student to the discipline of health psychology from a bio-psychosocial perspective. An integrative approach will be provided via discussion of the biological and psycho-physiological foundations of health and disease, including the topics of stress and coping, prevention, diet, substance abuse, and chronic illness. Prerequisites: PSY 101J and 102. Cr 3.

**PSY 371 History and Systems of Psychology**

A survey of the history of psychological thought from its beginnings in Greek philosophy to modern times. Special attention will be given to the influence of philosophy and natural science on the development of contemporary psychology. The course concludes with a survey of the major systems. Prerequisite: 15 hours in psychology and/or instructor's permission. This course will satisfy the intensive writing requirement. Cr 3.

**PSY 380 Psychology and the Law**

This course represents an intensive study of the role of psychology in the legal process with particular emphasis upon the insanity defense, competency to stand trial, and involuntary commitments. Also considered are those psychological factors that relate to such topics as jury selection and deliberation, eyewitness testimony and credibility, and courtroom strategy. A term paper is required of all students. Prerequisites: PSY 101J, 102, 333 and/or permission of the instructor. Cr 3.

**PSY 385 Contemporary Psychotherapies**

A survey of contemporary psychotherapies including Gestalt therapy, logotherapy, bioenergetics, reality therapy, transactional analysis, and rational-emotive therapy. Seminar format. This course is designed for advanced psychology majors planning to go on to graduate school in clinical or counseling psychology. Prerequisite: permission of the instructor. Cr 3.

**PSY 400 Independent Research**

This course provides junior and senior psychology majors the opportunity to pursue guided reading/research on a topic of their choosing. Each independent study project will be conducted with

advice and guidance from the sponsoring faculty member. Prerequisites: junior or senior standing, completion of independent study application describing the proposed reading/research project, permission of faculty sponsor. Cr 1-3.

**PSY 401 Research Apprenticeship**

This course provides junior and senior psychology majors the opportunity to develop further insight into the research process through direct involvement with ongoing faculty research. Prerequisites: junior or senior standing, completion of independent study application describing the reading/research project and tasks or activities they will be performing, permission of faculty sponsor. Cr 1-3.

**PSY 405 Teaching Apprenticeship**

This course provides psychology majors the opportunity to assist teaching faculty and to develop deeper understanding of course materials and college teaching. Teaching apprentices are selected by faculty. Prerequisites: junior or senior standing, completion of independent study application describing their relevant course experiences and tasks/activities they will be performing, permission of faculty sponsor. Cr 1-3.

**PSY 410 Internship/Field Experience**

This course provides junior and senior psychology majors the opportunity to apply their psychology training in organizations and community service projects. Currently students may participate in the USM-Hall School Mentor project. Prerequisites: junior or senior standing, completion of application describing the tasks or activities they will be performing, permission of faculty sponsor and department chair. Cr 1-3.