Psychology

Psychology is defined as the science of behavior and conscious experience. Its domain ranges from the natural to the social sciences and includes such diverse topics as brain function, sensation and perception, learning and cognition, development, personality, and social behavior.

Program Objectives:

Undergraduates in psychology will display competence in the following areas:

1. **Basic Knowledge of the Major and Careers in Psychology**: knowledge of departmental goals and degree requirements for psychology majors and about possible careers in and/or related to psychology.

2. **Psychological Knowledge**: integration of knowledge and theories across topics within the domains of psychology.

3. **Skills in Psychological Science and Critical Thinking**: competence in the conceptual and technical aspects related to psychological scientific inquiry (including information technology, computer applications, scientific methodology and analysis). Ability to think critically about psychological knowledge and scientific methodology.

4. **Effective Communication**: in both oral and written form, about issues within the field of psychology.

5. **Appreciation for Individual Differences, Cultural Context, and Multiculturalism**: knowledge pertaining to individual and cultural differences and their importance in community and public policy decisions, knowledge about how individuals and groups are influenced by the cultural context(s) in which they live.

Beyond the university's General Education Objectives (http://coursecat.isu.edu/previouscatalogs/2018-19/undergraduate/academicinformation/generaleducation), psychology students learn critical thinking and problem-solving skills by developing competence in the methods of scientific research, psychometric principles, and data analysis. They integrate and apply the theories and knowledge base from the various domains of psychology and develop a well-rounded view of psychology and its importance in understanding behavior. Psychology promotes an appreciation for individual and cultural differences, as well as ethical principles in decision-making. The study of psychology increases understanding of self and others and enables individuals to make informed judgments that strengthen community and public policy.

The major assists students in developing their skills in library research, scientific writing, public presentations, and computer applications. Psychology students are encouraged to participate in research projects and community practicums. They also become aware of the various career options related to the major. By providing a broad-based education and the aforementioned skills, the major prepares students for entry-level positions in business, government, and a wide range of human service positions. The major also prepares students for graduate education and careers in psychology as well as areas such as law and public service, medicine and health-related professions, business programs emphasizing organizational development and human resources, and seminary.

Faculty

**Chair and Associate Professor**

Brumley, Michele R.,* Associate Professor, Psychology. B.A. 1999, DePaul University; Ph.D. 2005, University of Iowa. (2007)

**Professors**


**Assistant Professors**

Aubuchon-Endsley, Nicki,* Assistant Professor and Clinic Director, Psychology. B.S. 2006, University of Denver; M.S. 2007, Ph.D. 2012, Oklahoma State University. (2014)

Fulton, Erika K., Assistant Professor, Psychology. B.A. 1998, Haverford College; M.A. 2010, California State University, Long Beach; Ph.D. 2015, Georgia Institute of Technology. (2016)

McCarrey, Anna, Assistant Professor, Psychology. M.A. 2007, University of Aberdeen, UK; Ph.D. 2012, University of New South Wales, Australia. (2016)


Swift, Joshua,* Assistant Professor, Psychology. B.S. 2005, Brigham Young University; M.S. 2007, Ph.D. 2010, Oklahoma State University. (2015)


**Visiting Assistant Professor**


**Adjunct Faculty**


Pongratz, Richard,. Director, Counseling & Testing Center; Adjunct Faculty, Psychology. Ph.D., LPC-S, Licensed Psychologist.

Emeriti
Enloe, Linda J.,* Associate Professor, Psychology. 1974-2007
Hatzenbuehler, Linda C.,* Executive Dean and Associate Vice President, Division of Health Sciences. 1976-2016
Joe, Victor C.,* Executive Dean and Associate Vice President, Division of Health Sciences . 1976-2016
Matthews, Leroy J., Professor, Psychology. 1968-2000
Roberts, Mark W.,* Professor, Psychology. 1977-2015

Admission
Please contact the department to be admitted as a major or minor.

Bachelor of Arts or Bachelor of Science in Psychology

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PSYC 1101</td>
<td>Introduction to General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 2227</td>
<td>Basic Statistics</td>
<td></td>
</tr>
<tr>
<td>PSYC 3303</td>
<td>Psychology Research Methods</td>
<td>4</td>
</tr>
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</table>

Total Credits 11

Core Areas

Category 1: Select two of the following four courses:

<table>
<thead>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 2225</td>
<td>Child Development</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 3301</td>
<td>Abnormal Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 3341</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 4401</td>
<td>Theories of Personality</td>
<td>3</td>
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</tbody>
</table>

Category 2: Select two of the following four courses:

<table>
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<tr>
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<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 4431</td>
<td>Behavioral Neuroscience I</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 4445</td>
<td>Learning and Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 4446</td>
<td>Cognitive Process</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 4472</td>
<td>History of Psychology</td>
<td>3</td>
</tr>
</tbody>
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Elective Courses

- Students may choose fifteen (15) elective credits, at least twelve (12) of which must be upper-division.
- No more than nine (9) credits can come from PSYC 4483, Special Problems.
- Students planning to apply to graduate school are encouraged to enroll in PSYC 4491, Senior Seminar, which offers opportunities for design and conduct of experiments, as well as additional training in writing. These students are also encouraged to take more classes from the core areas that will be counted as electives and will prepare them for graduate school.

Minor in Psychology

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 1101</td>
<td>Introduction to General Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Courses

**PSYC 1101 Introduction to General Psychology: 3 semester hours.**
Introduction to the study of human behavior and mental processes, with emphases on history, theories, research methods and findings, and applications in psychology’s major areas of study: biological, cognitive, learning, personality, social processes, developmental, and abnormal. Partially satisfies Objective 6 of the General Education Requirements. F, S

**PSYC 2200 Child Abuse: 3 semester hours.**
Investigation into the psychological and social factors which contribute to child abuse and neglect, and to their identification, treatment, and prevention. D

**PSYC 2201 Careers in Psychology: 1 semester hour.**
Provides psychology majors with the information and skills necessary to be successful and to pursue a career in psychology or a related field. F, S

**PSYC 2205 Human Sexuality: 3 semester hours.**
The psychological, biological, and sociological aspects of human sexuality. Emphasis on gender identity, the human reproductive system, human sexual expressions, and sexual problems in males and females. D

**PSYC 2225 Child Development: 3 semester hours.**
Study of development from conception through adolescence. Considers typical changes within the biological, cognitive, and socioemotional domains and the influence of contexts (e.g., family, peers, school, culture) within each area. F, S

**PSYC 2227 Basic Statistics: 3 semester hours.**
Consideration of statistical techniques and methods used in psychological investigations in terms of derivation, application, and limitation. PREREQ: MATH 1153 or permission of instructor. F, S

**PSYC 2228 Introduction to the Theory of Measurement and Test Construction: 3 semester hours.**
Brief history and survey of the development of psychological test instruments and an introduction to the theory and mechanisms of test construction. PREREQ: PSYC 2227. D

**PSYC 2299 Experimental Course: 1-6 semester hours.**
This is an experimental course. The course title and number of credits are announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times with the same title and content.

**PSYC 3301 Abnormal Psychology I: 3 semester hours.**
Theories and research on characteristics, contributing factors, and treatment of psychological disorders. Topics include historical approaches to mental illness and evaluation of current practices in diagnosis of and treatment for psychological disorders. PREREQ: PSYC 1101, F, S
PSYC 3302 Abnormal Psychology II: 3 semester hours.
Alcoholism and drug dependence, psychosomatic disorders, organic brain syndromes, and mental retardation. Contemporary approaches to assessment and treatment of abnormal behavior, including a survey of psychotherapeutic methods. PREREQ: PSYC 1101 and PSYC 3301. D

PSYC 3303 Psychology Research Methods: 4 semester hours.
Introduction to descriptive and experimental research designs in psychology. Students design and carry out research projects, with the goals of exposure to research ethics and advancing critical thinking, scientific writing, and oral presentation skills. PREREQ: PSYC 1101 and PSYC 2227. F, S

PSYC 3305 Psychology of Consciousness: 3 semester hours.
This course presents the principle concepts, theories, and research regarding the nature of consciousness and its various states. Topics may include the human sleep-wake cycle, dreaming, time phenomenology, psychotropic drug effects, hypnosis, meditation, biofeedback, and intuition. PREREQ: PSYC 1101 or permission of instructor. D

PSYC 3310 Applied Techniques: 2 semester hours.
Acquaints students with techniques in selected areas of applied psychology, such as stress management, animal training, human factors, behavior modification, etc. May be repeated for up to 6 credits. PREREQ: PSYC 1101. D

PSYC 3332 Psychology of Adolescence: 3 semester hours.
Critical review of work related to the physiological, cognitive, and emotional development of the adolescent personality. General concepts relating to specific characteristics of adolescent behavior will be developed. PREREQ: PSYC 1101 and PSYC 2225. D

PSYC 3341 Social Psychology: 3 semester hours.
Study of the impact of social and cultural forces upon the individual and of the interaction between individuals producing social phenomena. PREREQ: PSYC 1101 or permission of instructor. F

PSYC 3344 Adult Development and Aging: 3 semester hours.
Study of development across adulthood, emphasizing late adulthood to death. Considers biological, social, and cognitive domains of development and contexts of change. PREREQ: PSYC 1101 and PSYC 2225. D

PSYC 3369 AIDS: 1 semester hour.
This survey course provides an overview of AIDS from biomedical, psychological, and sociological perspectives. The intrusive nature of this epidemic into all aspects of our lives is emphasized. No science background is required. Graded S/U. PREREQ: PSYC 1101 or permission of instructor. D

PSYC 3399 Experimental Course: 1-6 semester hours.
The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

PSYC 4401 Theories of Personality: 3 semester hours.
Study of the main theories of personality from both historical and contemporary perspectives, including trait theory, biological, psychoanalytic, humanistic, cross-cultural, behavioral, and social learning. Emphasis will be given to applying theories with the goal of understanding personality and predicting behavior. PREREQ: PSYC 1101 or permission of instructor. S

PSYC 4404 Sensation and Perception: 4 semester hours.
The anatomical and physiological bases of sensation will be reviewed. Moreover, traditional and contemporary theories of perception will be critically considered. Students will be expected to do laboratory work illustrating basic concepts of sensory and perceptual functions. PREREQ: PSYC 1101 and PSYC 4431 or PSYC 4446. D

PSYC 4408 Science Pseudoscience and Psychology: 3 semester hours.
Critical evaluation of fringe-science, paranormal, and other unproven claims. Introduction to the psychological processes underlying pseudo-scientific thinking and beliefs. PREREQ: PSYC 1101 or permission of instructor. D

PSYC 4412 Ethical and Professional Issues in Psychology: 2 semester hours.
An introduction to ethical and professional standards in the field of psychology including a historic and contemporary framework. PREREQ: PSYC 1101; 24 credits in psychology or permission of instructor. F

PSYC 4417 Interdisciplinary Evaluation Team: 1 semester hour.
Introduction to principles, techniques of interdisciplinary evaluation. Disciplines emphasized: Audiology, Dietetics, Nursing, Occupational Therapy, Physical Therapy, Psychology, Social Work, Special Education, Speech-Language Pathology. PREREQ: PSYC 1101 or permission of instructor. Equivalent to CSD 4417, DHS 4417, NURS 4417, and SOWK 4417. S

PSYC 4423 Community Practicum: 1-2 semester hours.
Students work in regional agencies by observing or participating in professional activities under appropriate supervision. Four hours per week per credit. May be repeated up to 6 credits. Graded S/U. PREREQ: PSYC 1101 and permission of instructor. F, S, Su

PSYC 4425 Psychology Clinic Practicum: 1-2 semester hours.
Undergraduates observe and assist graduate students and faculty in the delivery of psychological services. Four hours per week per credit. May be repeated up to 6 credits. Graded S/U. PREREQ: PSYC 1101 and permission of instructor. F, S, Su

PSYC 4431 Behavioral Neuroscience I: 3 semester hours.
Introduction to behavioral neuroscience with an emphasis on the relation between the central nervous system and behavior. Topics include: basic neuroanatomy, neurophysiology, hormones, sensory systems, motor systems, learning, memory, homeostatic regulation, and evolution. PREREQ: Six hours of Psychology beyond PSYC 1101 or permission of instructor. F

PSYC 4432 Behavioral Neuroscience II: 3 semester hours.
Critical evaluation of contemporary research in behavioral neuroscience. Emphasizes current research and theories concerning neural mechanisms of behavior. PREREQ: PSYC 4431 or permission of instructor. AS

PSYC 4435 Animal Behavior: 3 semester hours.
Study of experiments in animal learning which relate to our understanding of human learning. Course is concerned with both observation and experimental studies of habit formation, conditioning, related endocrinology, and nerve structure as they are associated with behavior capabilities. PREREQ: Six hours in Psychology beyond PSYC 1101 or permission of instructor. D

PSYC 4443 Advanced Social Psychology: 3 semester hours.
In-depth study of current theory, issues and research in the field of social psychology. Emphasis is on newly emerging research areas. PREREQ: PSYC 3341 or permission of instructor. D

PSYC 4445 Learning and Behavior: 3 semester hours.
Survey of the major principles of learning, including the processes underlying operant and classical conditioning. PREREQ: PSYC 1101 and permission of instructor. F

PSYC 4446 Cognitive Process: 3 semester hours.
A survey of the major and current concepts, theories, and research in cognitive psychology. Areas of emphasis include attention, memory, information processing, mental imagery, decision-making, and problem solving. PREREQ: PSYC 1101. PREREQ or COREQ: PSYC 3303. S
PSYC 4451 Clinical Psychology: 3 semester hours.
Surveys the field of clinical psychology; with emphasis on past and present status, diagnosis, assessment, critical topics related to intervention, the clinical psychologist's professional role, and student training. PREREQ: PSYC 1101 or permission of instructor. D

PSYC 4453 Theory and Method of Psychosocial Child Therapy: 3 semester hours.
Review of the psychopathology, diagnosis, and treatment of the major psychosocial disorders of childhood. PREREQ: PSYC 1101 and PSYC 2225. D

PSYC 4463 Clinical Psychology and the Law: 3 semester hours.
An introduction to the field of forensic psychology by exposing students to the primary areas in which clinical psychology relates to the legal system. Emphasis will be on expert testimony by clinicians in matters of criminal responsibility, mental competency, civil commitment, and child custody. PREREQ: PSYC 1101. D

PSYC 4465 Behavioral Medicine: 3 semester hours.
Psychological issues of health, disease states, and prevention. Critical evaluation of clinical research and practice, including nontraditional healing techniques and current models used to understand health and disease. PREREQ: PSYC 1101 or permission of instructor. D

PSYC 4467 Topics in Psychology: 1-3 semester hours.
Selected topics in psychology. Contents vary. May be repeated with different content. PREREQ: PSYC 1101 or permission of the instructor. D

PSYC 4472 History of Psychology: 3 semester hours.
Modern psychology in historical perspective. Genesis and development of fundamental problems and methods, with emphasis on specific fields of research. PREREQ: Fifteen hours in Psychology beyond PSYC 1101 or permission of instructor. S

PSYC 4483 Special Problems: 1-3 semester hours.
Research or readings in a special area of interest to be arranged on an individual basis with individual faculty. May be repeated to a maximum of 9 credits. PREREQ: Permission of instructor. D

PSYC 4491 Senior Seminar: 3 semester hours.
Library, field, or experimental research in an area selected by the instructor, including oral and written presentation of results. PREREQ: 90 credits and PSYC 3303. Graded S/U. D

PSYC 4499 Experimental Course: 1-6 semester hours.
This is an experimental course. The course title and number of credits are announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times with the same title and content.