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### Psychology

The undergraduate program in psychology provides a broad general education in the study of human behavior and mental processes. Students gain valuable knowledge and skills that prepare them to pursue lifelong learning and personal enrichment as well as enter the work force or pursue advanced studies.

Graduates of the psychology program who have entered the work force immediately have found employment in a wide variety of settings, ranging from sales and personnel work in the business sector, to positions with the human service agencies of local, state, and federal governments. Graduates who have gone on to advanced study have successfully prepared themselves for professional careers in such fields as business, law, medicine, and psychology.

Students planning to apply to medical or law schools after completing a major in psychology should plan their programs of study in close consultation with the pre-medical or pre-law advisors on campus. Students planning to apply for admission to graduate study in psychology should plan their undergraduate program of study very carefully in consultation with Psychology program faculty and advisors. At least two years, and as many as six years, of graduate study are required for qualification as a professional psychologist.

Students who enter the University with a major in psychology or change their major to psychology are invited to meet with the Director of Undergraduate Studies for the Psychology program after their arrival at the University in order to discuss their interests and plans of study.

### Bachelor of Arts (B.A.) in Psychology Degree Requirements

Degree Requirements	Credit Hours
University Core Curriculum Requirements (PSYC 102 is required to satisfy social science and degree requirements)	39
Requirements for Major in Psychology <sup>1</sup>	49-52
PSYC 102 (with a grade of C- or better)	(3)
PSYC 202 (with a grade of C- or better)	1
Any MATH course that meets University Core Curriculum Requirements; MATH 102 recommended	(3)
PSYC 211, PSYC 311 (passed with a grade of C- or better, completion of 211 before senior year recommended)	8
Cross-Cultural Perspectives Requirement - Two Courses in International Studies or Foreign Languages	6

Degree Requirements	Credit Hours
Critical Thinking and Communication Skills Requirement - Two of the following courses:	6
BAT 200, CI 199, CMST 280, CMST 325, CMST 380, CMST 411, CS 201 or CS 201B, CS 202, ECON 113, ENGL 291, IMAE 315, ITEC 209, JRNL 170, MATH 139, MGMT 208, PHIL 104, PHIL 105, PHIL 415, SOC 415, WED 302	
Psychology Electives	29-32
Ten courses (or 29 to 32 credit hours) from the list below. At least six courses (or 12 to 14 credit hours) must be from Groups A, B, and C, with at least one course from each of these three groups. A minimum of three courses must be chosen at the 400-level from among the total offerings in the A, B, and C Groups and PSYC 489 in Group D.	
Group A: PSYC 233, PSYC 237, PSYC 250, PSYC 301, PSYC 303, PSYC 304, PSYC 305, PSYC 306, PSYC 307, PSYC 331, PSYC 333, PSYC 334, PSYC 431, PSYC 432, PSYC 440, PSYC 451, PSYC 453, PSYC 461, PSYC 470, CI 403	
Group B: PSYC 302, PSYC 308, PSYC 309, PSYC 310, PSYC 312, PSYC 402, PSYC 407, PSYC 409, PSYC 410, PSYC 415, PSYC 416, PSYC 417, PSYC 419, PSYC 443, PSYC 444, PSYC 445, PSYC 471	
Group C: PSYC 223, PSYC 314, PSYC 320, PSYC 322, PSYC 323, PSYC 328, PSYC 337, PSYC 340, PSYC 405, PSYC 411, PSYC 420, PSYC 421, PSYC 425, PSYC 441, PSYC 480	
Group D: BAT 200, ENGL 291, KIN 400, MATH 282, PSYC 207, PSYC 222, PSYC 389, PSYC 391, PSYC 392, PSYC 393, PSYC 394, PSYC 489, PSYC 499A, PSYC 499B	
Of all credit hours that a student completes for PSYC 391, PSYC 392, PSYC 393, and PSYC 394, a maximum of six credit hours may count toward the major. A total of twelve credit hours of these courses may count toward the 120 credit hours to graduate.	
Electives	29-32
Total	120

<sup>1</sup> Courses in parenthesis will also count toward the 39 hours of University Core Curriculum requirements. All courses counted toward the Psychology Major must have a combined GPA of 2.0.

## Parent Training Specialization

Psychology majors intending to pursue careers as mental health counselors and therapists providing services to children and families may wish to pursue a specialization in Parent Training. The specialization includes course work focused on psychological development across the child and adolescent lifespan, child and adolescent psychopathology, training in helping skills, and evidence-based parenting strategies to promote positive relationships and develop effective disciplinary techniques.

### B.A. Psychology - Parent Training Specialization Degree Requirements

Degree Requirements	Credit Hours
University Core Curriculum Requirements (PSYC 102 is required to satisfy social science and degree requirements)	39
Requirements for Major in Psychology <sup>1</sup>	49-52
PSYC 102 (with a grade of C- or better)	(3)
PSYC 202 (with a grade of C- or better)	1
Any MATH course that meets University Core Curriculum Requirements; MATH 102 recommended	(3)
PSYC 211, PSYC 311 (passed with a grade of C- or better, completion of PSYC 211 before senior year recommended)	8
Cross-Cultural Perspectives Requirement - Two Courses in International Studies or Foreign Languages	6
Critical Thinking and Communication Skills Requirement - Two of the following courses:	6
BAT 200, CI 199, CMST 280, CMST 325, CMST 380, CMST 411, CS 201 or CS 201B, CS 202, ECON 113, ENGL 291, IMAE 315, ITEC 209, JRNL 170, MATH 139, MGMT 208, PHIL 104, PHIL 105, PHIL 415, SOC 415, WED 302	
Specialization requirements: PSYC 301, PSYC 451 or PSYC 391, PSYC 250 or PSYC 303, PSYC 432, PSYC 425, PSYC 441 or PSYC 393	18
Psychology Electives	11-14
Four additional courses (or 11 or 14 credit hours) from the list below. At least six courses for the Major in total must be from Groups A, B, and C, with at least one course from each of these three groups.	

Degree Requirements	Credit Hours
Group A: CI 403, PSYC 233, PSYC 237, PSYC 250; PSYC 301, PSYC 303, PSYC 304, PSYC 305, PSYC 306, PSYC 307, PSYC 331, PSYC 333, PSYC 334, PSYC 431, PSYC 432, PSYC 440, PSYC 451, PSYC 453, PSYC 461, PSYC 470	
Group B: PSYC 302, PSYC 308, PSYC 309, PSYC 310, PSYC 312, PSYC 402, PSYC 407, PSYC 409, PSYC 410, PSYC 415, PSYC 416, PSYC 417, PSYC 419, PSYC 443, PSYC 444, PSYC 445, PSYC 471	
Group C: PSYC 223, PSYC 314, PSYC 320, PSYC 322, PSYC 323, PSYC 328, PSYC 337, PSYC 340, PSYC 405, PSYC 411, PSYC 420, PSYC 421, PSYC 441, PSYC 480	
Group D: BAT 200, ENGL 291, MATH 282, PSYC 222, PSYC 389, PSYC 391, PSYC 392, PSYC 393, PSYC 394, PSYC 489, PSYC 499A, PSYC 499B, QUAN 402	
Of all credit hours that a student completes for PSYC 391, PSYC 392, PSYC 393, and PSYC 394, a maximum of six credit hours may count toward the major. A total of twelve credit hours of these courses may count toward the 120 credit hours to graduate.	
Electives	29-32
Total	120

<sup>1</sup> Courses in parenthesis will also count toward the 39 credit hours of University Core Curriculum requirements. All courses counted toward the Psychology Major must have a combined GPA of 2.0.

## Neuroscience Minor

The Neuroscience Minor in Psychology is an interdisciplinary course of study that will provide students an understanding of the neural foundations underlying behavior. Students will be required to take coursework in different areas of neuroscience. In addition, students will be required to participate in ongoing research in a laboratory of their choosing. Students from many different majors will find the neuroscience courses addressing brain and behavior appealing and practical for their future professions. The students will come to understand that neuroscience spans levels from the molecular to the psychological in both humans and other animals.

A minor in neuroscience requires the successful completion of 19 semester hours in courses listed within the minor with a combined GPA of 2.0 or greater and a minimum GPA of 2.0 in both PSYC 302 and PSYC 415. The minor requires PSYC 302-3, PSYC 392-6, and PSYC 415-4 (13 credit hours combined) and six credit hours of approved elective courses (three credit hours must be at the 400 level). The list of approved elective courses will be routinely updated to include timely special topics courses. Please contact the Neuroscience Minor Coordinator for a current list of approved courses.

Courses taken at other institutions may apply towards the minor only if those courses are acceptable for transfer credit with the home program that offers the course. No more than two transfer courses can

count toward the minor. No more than two courses can count towards both the Psychology major and the Neuroscience minor.

**Neuroscience Minor requirements:** PSYC 302 (C- or better), PSYC 392 (six credit hours), PSYC 415 (C- or better)

**Electives:** Two additional courses from the list below; one course must be at the 400-level: PSYC 222, PSYC 304, PSYC 308, PSYC 309, PSYC 310, PSYC 312, PSYC 314, PSYC 331, PSYC 402, PSYC 416, PSYC 417, PSYC 419, PSYC 489 (with approval of Neuroscience Minor Coordinator).

## Psychology Minor

A minor in Psychology requires the successful completion of at least 15 credit hours (five courses) in courses with the PSYC prefix as listed under the major requirements. A maximum of six credit hours from PSYC 391, 392, 393, or 394 may count towards the minor. Courses in other programs that can count toward the Major (e.g., QUAN 402) do not fulfill minor requirements. All courses counted toward the Psychology Minor must have a combined GPA of 2.0. Students completing a minor in psychology for purposes of qualifying to teach psychology in the State of Illinois must complete a minimum of 20 credit hours in psychology.

Courses taken at other institutions may count towards the minor only if those courses are acceptable for transfer credit in psychology. No more than two transfer courses can count toward a minor.

## Transfer Credit

Credit for a course in psychology successfully completed at another accredited institution will be transferred to meet major or minor requirements in psychology at SIU Carbondale, subject to the following conditions:

1. The course number must bear a prefix clearly indicating the course is a psychology course or a course from a closely related field. Examples are PSYCH and PSYC.
2. Credit for a course completed at a community or junior college is not transferable if the corresponding course at SIU Carbondale is offered at the 400-level.
3. A C- or higher must have been earned in the course.
4. No more than five transfer courses can count for the major, and no more than two transfer courses can count toward a minor.
5. All transfers of credit to meet major or minor requirements in psychology must be explicitly approved by the psychology program.

Courses from other institutions that do not meet these conditions may still be acceptable for elective credit to meet general University requirements. Students should consult their program or college advisor about such courses.

## Senior Honors Program

A small number of students are selected each year for the honors program. Selection criteria are promising academic performance, expressed interest, and capacity of program to take new students. Emphasis is on small seminar and individual research work by the student. Concurrent membership in the University Honors Program is strongly encouraged.

## Psychology Courses

**PSYC102 - Introduction to Psychology** (University Core Curriculum) [IAI Course: S6 900] An examination of the variables related to the origins and modifications of human behavior using the viewpoints and techniques of contemporary psychology. Credit Hours: 3

**PSYC102H - Honors Introduction to Psychology** (University Core Curriculum) [IAI Course: S6 900] For University Honors Program Members only. An examination of the variables related to the origins and modifications of human behavior using the viewpoints and techniques of contemporary psychology. Credit Hours: 3

**PSYC202 - Careers in Psychology** A survey of fields of psychology from the perspective of available career options. Activities, required skills, rewards, and external constraints that characterize different career paths are practiced and discussed in relation to students' abilities and interests. Required of psychology majors, but open to any interested student. Prerequisite: None. Credit Hours: 1

**PSYC207 - Peace Psychology--Harmony with Nature and Human Beings** (University Core Curriculum) Peace psychology is a broad discipline that addresses human conflict and the need for peace in all arenas of life, including the need to establish harmony between nature and human beings. Key concepts, theories, research, and resolutions pertaining to peace, harmony, competition, and conflict (war, violence) from a variety of disciplines will be reviewed and discussed. Topics will include competition and conflict between different species, individuals, groups, and ethnic/cultural communities in regional, national, and international contexts. Although the theme of peace will be addressed from a psychological perspective, the course is of relevance to many different disciplines. Credit Hours: 3

**PSYC211 - Research Methods and Statistics** An introduction to the use of scientific methods in the study of behavior. Considerations of experimental design and methodology are integrated with the treatment of data analysis, interpretation of results and writing of a research report. Students will write a research proposal, conduct an experiment, and write a report of the experiment. Lecture and laboratory. Prerequisite: MATH 101 or UCC Math; PSYC 102. Credit Hours: 4

**PSYC222 - Effects of Recreational Drugs on Mind and Body** Describes the physiological and psychological effects of substances used as recreational drugs for their psychoactive effects. Drugs discussed will include alcohol, amphetamines, cocaine and other stimulants, the barbiturates, methaqualone, the psychedelics, marijuana, tranquilizers, and the opiates. The purpose of the course is to provide the student with facts concerning the effects of these drugs and the potential for their abuse and physiological and psychological dependence. Credit Hours: 3

**PSYC223 - Diversity in the Workplace** (University Core Curriculum) Examination of factors affecting the full utilization of women, racioethnic minorities, older workers, disabled workers and workers with nontraditional sexual orientations in the workplace. Individual processes, such as group identities, stereotyping, prejudice; group processes such as intergroup conflict; and organizational processes such as structural barriers and informal integration will be studied. The class utilizes a lecture and small discussion-section format with in-class, team, and individual exercises and projects. Credit Hours: 3

**PSYC233 - Psychology of Gender in Diverse Context** (Same as WGSS 233) (University Core Curriculum) The course examines how gender affects all aspects of our lives at the individual, societal and cultural levels. It will cover psychological theories and topics related to gender, and will examine issues of diversity, such as race/ethnicity, class, sexuality, disability and age as they interact with gender. Credit Hours: 3

**PSYC237 - Psychology of Crime** This course examines core concepts in psychology including the effects of biology, genetics, personality, development, learning, and cognition on behavior, with an application to criminal behavior. These theories will be used to analyze and explain criminal behavior depicted in a range of popular films. Credit Hours: 3

**PSYC250 - Lifespan Development** Examines growth and development through the lifespan including physical, social, cognitive and neurological development. This course covers topics in each of these areas across infancy, early childhood, middle childhood, adolescence, early adulthood, middle adulthood, and late adulthood. Credit Hours: 3

**PSYC301 - Child Psychology** The biological and psychological development of the child from birth through puberty, and relevant research methods and results. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC302 - Introduction to Neuroscience** A survey of the role of biological processes in the behavior of humans and other species. Topics include structure and function of the nervous system, behavioral

endocrinology, psychopharmacology, sensorimotor functions, sleep and waking, motivation and emotion, reinforcement, psychopathology, and learning and memory. Credit Hours: 3

**PSYC303 - Adolescence and Young Adulthood** Examines interrelated psychological, biological and social aspects of development during adolescence and young adulthood based on a life-span perspective of development. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC304 - Adulthood and Aging** Examines the interrelated psychological, biological, and social aspects of development during middle and later adulthood based on a life-span perspective of development. Neuropsychological changes associated with normal and pathological aging will be considered. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC305 - Psychology of Personality** The inferred patterns underlying an individual's unique reactions to the environment. Investigates the motivation, development, and methods of changing these patterns, and how personality processes are studied. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC306 - Positive Psychology and Human Strengths** An introduction to a contemporary movement seeking to understand the nature of human strengths, characteristics, resources, and aspirations. Surveys this emerging discipline, emphasizing theory and practical applications promoting human potential. Topics include happiness, creativity, confidence, wisdom, and intelligence among other aspects of optimal human functioning. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC307 - Social Psychology** Surveys contemporary issues such as love and friendship, shyness and loneliness, sexual attitudes and behavior, management of impressions made on others, attitude change and persuasion, leadership, group processes, aggression, and helping behavior. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC308 - Psychology of Motivation** Examines variables affecting motivation in animals and humans. Topics include motivation based on cultural processes as well as those based on biological needs. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC309 - Psychology of Learning** Principles and laws of learning as derived from the classical and instrumental learning literature - acquisition, extinction, punishment, persistence, generalization, discrimination, motivation, drives, and incentives. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC310 - Cognitive Psychology** A survey of theory and research on attention, memory, language behavior, and problem solving. The principal orientation will be the information processing approach to the study of behavior. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC311 - Advanced Research Methods and Statistics** A continued exploration of the use of scientific methods in the study of behavior. Topics include field and other quasi-experimental methods appropriate for use in settings in which the researcher can exercise minimal control and manipulation. Lecture and laboratory. Prerequisite: PSYC 211. Credit Hours: 4

**PSYC312 - Sensation and Perception** Surveys the structure and function of the sensory organs as well as the perceptual experiences associated with these systems (e.g., color perception, speech perception). Examines physical, neural, and chemical mechanisms responsible for sensory and perceptual experience. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC314 - The Brain and Emotion** Great advances have been made in understanding how the brain works in areas such as visual processing and memory. Recently, brain researchers have begun to turn their attention towards understanding emotions, given the importance of emotions to human functioning. This course examines the relationship between the brain and emotions. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC320 - Psychology of Work and Play** The course is a survey and review of a variety of interdisciplinary topics related to the interconnection between human work and play. Course content includes theories of the function of play in human lives, the evolution and development of play and games, workplace design, motivating excellence and top job performance, and the relationship between working and playing in teams. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC322 - Human Resource Management** (Same as MGMT 385) An introduction to the development, application, and evaluation of policies, procedures, and programs for the recruitment, selection, development and utilization of human resources in an organization. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC323 - Organizational Psychology** Applied human relations at work focusing on interpersonal and small-group behavior. Covers effective communication, employee morale, motivation, behavior modification, leadership and group dynamics, human relations and the law, and stress and coping. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC328 - Health Psychology** Introduces students to the scientific principles and processes underlying the field of health psychology including interactions between biological, psychological, and social foundations of health. The course will provide clear connections between science and the real world to increase student understanding of how to live a long and healthy life. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC331 - Psychopathology** An introduction to the major forms of psychopathology (e.g., depression, schizophrenia, anxiety disorders). Topics include the symptomatology of different mental disorders, their etiology from psychological, biological, and sociocultural perspectives, and issues pertaining to diagnosis and treatment. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC333 - Psychology of Women** (Same as WGSS 341) An examination of empirical evidence on the biological, psychological, and social functioning of women, describing women's roles, the genetic versus social determinants of women's behavior, and the implications for women's potential. Prerequisite: PSYC 102 or consent of instructor. Credit Hours: 3

**PSYC334 - Psychology of African American Experience** (Same as AFR 334) Course examines psychological characteristics of people of African descent, using an Africentric conceptual model. Theoretical models will be critiqued and empirical data will be examined. Selected issues include: critiques of research methodologies involving African descended population; African American identities and personality development, psychopathology, and cognitive development issues (i.e., language). Special approval needed from the instructor. Credit Hours: 4

**PSYC337 - Introduction to Forensic Psychology** Exploration of several topics in forensic psychology. Topics may include, but are not limited to, landmark legal cases, career options in forensic psychology, fundamentals of forensic psychology, forensic assessment, ethics, mental health law, criminal and civil aspects of forensic psychology, police psychology, and children and families in the legal system. Prerequisite: PSYC 211 or equivalent with a C- or better. Credit Hours: 3

**PSYC340 - Introduction to Clinical and Counseling Psychology** Provides an in-depth understanding of the nature of two major specialties in the field of psychology: clinical and counseling psychology. Students will examine the historical origins of the two areas, study their major theoretical definitions, compare and contrast the areas, and sample empirical and practitioner activities unique to them. Prerequisite: PSYC 102. Credit Hours: 3

**PSYC389 - Seminar: Selected Topics** Varied content. Offered as need exists and as faculty interests and time permit. May be repeated as topics vary. Special approval needed from the instructor. Credit Hours: 1-9

**PSYC391 - Individual Project** Individual study, research or experience under the supervision of a member of the Department of Psychology faculty. Of all credits that a student completes for PSYC 391, 392, 393, and 394, a maximum of six hours from any or all of these courses may count towards the major. Mandatory Pass/Fail. Special approval needed from the instructor. Concurrent enrollment in another 391 section is allowed. Credit Hours: 1-9

**PSYC392 - Individual Project** Individual study, research or experience under the supervision of a member of the Department of Psychology faculty. For use in those cases where the faculty member deems a graded course to be appropriate. Of all credits that a student completes for PSYC 391, 392, 393, and 394, a maximum of six hours from any or all of these courses may count towards the major. Special



approval needed from the instructor. Concurrent enrollment in another section of 391 allowed. Credit Hours: 1-9

**PSYC393 - Preprofessional Practicum** Directed experience in human services or other activities relevant to psychology at a public or private institution, agency, or organization. The experience is on a volunteer basis. Enrollment must be approved in advance by the director of undergraduate field placements for the Department of Psychology. Mandatory Pass/Fail. Special approval needed from the instructor. Credit Hours: 1-9

**PSYC394 - Undergraduate Practicum in the College Teaching of Psychology** Supervised practicum in the college teaching of psychology for selected 4th Year psychology majors. Of all credits that a student completes for Psychology 391, 392, 393, and 394, a maximum of six hours from any or all of these courses may count towards the major. Restricted to 4th Year psychology major. Special approval needed from the instructor. Credit Hours: 1-9

**PSYC402 - Psychology and Medicine** This course is an extensive review of psychology concepts as they relate to medicine and medical training. The overall goal of this course is to provide review of psychology concepts as they appear in the new form of the MCAT. Credit Hours: 3

**PSYC405 - Psychology and Law** (Same as CCJ 405, PSYC 505) This course surveys psychological theory and research as applied to the cognitions, emotions, and behavior of individuals in the legal system. The implications of social psychology for legal settings, such as police departments, courtrooms, and jury rooms are explored. Credit Hours: 3

**PSYC407 - Theoretical Issues in Learning** An introduction to the major theoretical issues in learning and their importance. A brief review of the history of such problems will be followed by a summary of the current research concerning these issues. Traditional figures in learning theory will be considered within the context of their positions on specific questions. Prerequisite: PSYC 211 and PSYC 309 or equivalent or graduate status. Credit Hours: 3

**PSYC409 - History and Systems of Psychology** A review of the conceptual and empirical antecedents of modern psychology. Prerequisite: PSYC 211. Restricted to 4th Year or graduate standing. Credit Hours: 3

**PSYC410 - Evolutionary Psychology** The class provides an overview of major areas of Evolutionary Psychology and consideration of recent topics from related fields. Key concepts and principles of evolutionary psychology will be discussed in relation to cognitive, biological/neurological, developmental, personality, and social psychology. Topics include (but are not limited to): historical foundations of evolutionary psychology, research methods, problems of survival, challenges of sex, mating and marriage, parenting and kinship, group cooperation and conflict, and the applications of evolutionary psychology to modern life. Classic and recent theories and research findings will be discussed. Prerequisite: PSYC 211 with a grade of C or better. Credit Hours: 3

**PSYC411 - Applied Learning** An in-depth coverage of practical problems concerned with training to which the principles of learning derived from pure laboratory investigations can be applied. Prerequisite: PSYC 211 and PSYC 309 or graduate status. Credit Hours: 3

**PSYC415 - Psychopharmacology** A survey of the effects of drugs on the normal and abnormal behavior of humans and animals. A primary focus is upon understanding drug influences on behavior in relation to actions on the nervous and endocrine systems. Prerequisite: PSYC 302 or graduate status. Credit Hours: 4

**PSYC416 - Recovery of Function Following Brain Damage** A survey of experimental animal and human clinical research as they relate to behavioral recovery following damage in the central nervous system. Recent theories and literature are stressed. Prerequisite: PSYC 302 or consent of instructor, or graduate status. Credit Hours: 3

**PSYC417 - Neuroscience of Learning and Memory** This course will serve as an advanced discussion on the research related to the neuroscience of how learning and memory operate. Topics will discuss how the principles surrounding learning and memory are explained in terms of cellular, neural systems, and behavioral levels. Prerequisite: PSYC 302 or consent of instructor or graduate status. Credit Hours: 3

**PSYC419 - Behavioral Genetics** Provides an overview of the experimental and quantitative methods used in studying behavioral differences associated with genetic variables. Elementary aspects of genetics will be included in the course, which will examine several aspects of both human and nonhuman behavior. Prerequisite: PSYC 211 or consent of instructor, or graduate status. Credit Hours: 3

**PSYC420 - Industrial/Organizational Psychology** Topics in industrial and organizational psychology; applications of psychology to human resource management, such as job analysis, performance appraisal systems, personnel selection and training. Prerequisite: PSYC 211. Credit Hours: 3

**PSYC421 - Psychological Tests and Measurements** Introduction to measurement theory and test development. Detailed coverage of selected tests from such areas as intelligence, aptitude and personality, and the use of psychological tests in various settings. Prerequisite: PSYC 211 or graduate status. Credit Hours: 3

**PSYC425 - Psychology of Positive Parenting** This course will provide a comprehensive overview of key concepts in parenting, the nature of parenting across the lifespan and specific challenges for parents with children in each of the developmental stages. We will discuss effective strategies for addressing these challenges in addition to programs and approaches that demonstrate a strong evidence base. Special focus will additionally be given to diversity issues, parenting in high risk families and in families with exceptional children. Prerequisites: PSYC 102, PSYC 301, or consent of instructor. Credit Hours: 3

**PSYC431 - Advanced Psychopathology** An advanced presentation of theoretical and empirical issues in contemporary psychopathology research. Explores the role empirical research plays in understanding the features of major psychological disorders and their treatment. Provides a broad understanding of the many factors that contribute to the development and maintenance of abnormal behaviors. Prerequisite: PSYC 211, PSYC 331 or consent of instructor or graduate status. Credit Hours: 3

**PSYC432 - Psychopathology of Childhood** An extensive review and systematic evaluation of theories and research pertaining to the behavior disorders of childhood. Emphasis will be upon empirical data and the implications of these data for the classification and treatment of these disorders. Prerequisite: PSYC 211, PSYC 301, PSYC 311 or graduate status. Credit Hours: 3

**PSYC440 - Advanced Personality** Advanced presentation of theoretical and research issues related to current issues in personality psychology. The overarching focus of the course is presentation and discussion of a scientific approach to understanding what personality is, how it can be measured, how it develops and how it relates to various aspects of individual functioning. Prerequisite: PSYC 211 or consent of instructor. Credit Hours: 3

**PSYC441 - Helping Skills in Clinical and Counseling Psychology** Provides systematic training in helping skills for students considering clinical or counseling psychology as a career. Students learn to identify and demonstrate such skills as paraphrasing, reflection of feeling, interpretation, and confrontation, and will use them in practice situations. Prerequisite: PSYC 211 and PSYC 340. Restricted to 3rd Year or 4th Year standing in psychology. Credit Hours: 3

**PSYC443 - Bilingualism** (Same as LING 443) Examines the linguistic, psycholinguistic, sociolinguistic and educational aspects of bilingualism, particularly as pertaining to the care and education of bilingual children. Useful for teachers, speech therapists, doctors, psychologists, counselors, and others working with bilinguals. Practical applications and data-based research. Prerequisite: PSYC 211. Credit Hours: 3

**PSYC444 - Second Language Acquisition** (Same as LING 444) Introduction to key concepts and major theoretical and methodological issues in SLA research. Examines major developments in SLA in the areas of phonology, morphology, lexis, syntax, semantics, pragmatics, and discourse and provides students with hands-on experience in describing and accounting for L2 data. An opportunity to design and implement a data-based study in an area of interest to students. Prerequisite: PSYC 102 or consent of instructor. Credit Hours: 3

**PSYC445 - Psycholinguistics** (Same as LING 445) A broad spectrum introduction to psycholinguistics. Topics to be covered include general methodology for the study of psycholinguistics, the nature of language, theories of human communication, language comprehension and production, first and second

language acquisition, meaning and thought, natural animal communication systems, and language and the brain. Credit Hours: 3

**PSYC451 - Advanced Child Psychology** An assessment of concepts, methods, and research techniques within selected topic areas of developmental psychology. Prerequisite: PSYC 211 and PSYC 301, or graduate status. Credit Hours: 3

**PSYC453 - Advanced Topics in Developmental Psychology** This course explores a variety of areas in developmental psychology that involve some controversy, from infancy through adolescence. Issues central to understanding developmental psychology as a discipline or specific areas of research within developmental psychology will also be considered. Credit Hours: 3

**PSYC461 - Advanced Social Psychology** Critical examination of contemporary theories and research in social psychology. Practice in application of scientific findings to real-life problems of individuals and groups. Issues treated in depth are chosen for relevance to student's personal needs and career interests. Prerequisite: PSYC 211 and PSYC 307 or graduate status. Credit Hours: 3

**PSYC470 - Psychology of Race and Racism** (Same as AFR 472) This course reviews the history and evolution of the construct of race as a psychological phenomenon. While the course will be largely psychological in nature, the pervasiveness of race in practically every sphere of life necessitates a multidisciplinary approach. The course will emphasize a theoretical and conceptual approach toward understanding the psychology of racialized thinking. Prerequisite: PSYC 211. Credit Hours: 3

**PSYC471 - Judgment and Decision Making** A survey of the academic field of judgment and decision making, its major methods, theories, results, and controversies. We will examine the generality of experimental results across various domains including gambling, clinical prediction, perception of randomness, and medical decision making. Prerequisite: PSYC 211 or graduate status. Credit Hours: 3

**PSYC480 - Effective Correctional Practices** (Same as CCJ 480) Exploration and evaluation of correctional intervention strategies developed for the sentencing of adjudicated persons. Particular emphasis on examining empirical research literature on effective correctional practices, including programs currently implemented in institutional settings, alternatives to institutional corrections, and community based programs. Prerequisite: PSYC 211. Credit Hours: 3

**PSYC489 - Seminar: Selected Topics** Varied content. Offered as need exists and as faculty interests and time permit. Prerequisite: PSYC 211. Special approval needed from the instructor. Credit Hours: 1-12

**PSYC499A - Undergraduate Thesis in Psychology** Intensive study in selective areas for students qualified for honors work in psychology. A research paper or equivalent will be required. Not for graduate credit. Prerequisite: PSYC 211. Special approval needed from the instructor. Credit Hours: 3

**PSYC499B - Undergraduate Thesis in Psychology** Intensive study in selective areas for students qualified for honors work in psychology. A research paper or equivalent will be required. Not for graduate credit. Prerequisite: PSYC 211. Special approval needed from the instructor. Credit Hours: 3

## Psychology Faculty

**Cashel, Mary Louise**, Associate Professor, Psychology, Ph.D., University of North Texas, 1997; 1997. Child and adolescent assessment; juvenile delinquency and preventative interventions; PTSD.

**Choi, You-Jung**, Assistant Professor, Psychology, Ph.D., University of Missouri, 2015; 2020. Cognitive development in infants and young children.

**Chwalisz, Kathleen D.**, Professor, Psychology, Ph.D., University of Iowa, 1992; 1992. Health psychology; neuropsychology; group process and intervention; personality.

**DiLalla, Lisabeth F.**, Professor, Psychology, Family and Community Medicine, Ph.D., University of Virginia, 1987; 1992. Development psychology; behavioral genetics; social cognitive development.

**Drake, Chad**, Associate Professor, Psychology, Ph.D., University of Mississippi, 2008; 2012. Acceptance and commitment therapy and training; relational frame theory; contextual behavioral science; behavioral measures of cognition; therapeutic change.

**Fehr, Karla**, Associate Professor, Psychology, Ph.D., Case Western Reserve University, 2014; 2014. Cognitive-behavioral play interventions for children; pretend play; behavioral sleep medicine interventions.

**Habib, Reza**, Associate Professor and School Director, Psychology, Ph.D., University of Toronto, 2000; 2003. Brain imaging (fMRI); statistical methodology; long-term memory.

**Hylin, Michael**, Associate Professor, Psychology, Ph.D., Northern Illinois University, 2010; 2014. Brain & cognitive sciences; neurocognitive rehabilitation following traumatic brain injury.

**Jacobs, Eric**, Associate Professor, Psychology, Ph.D., University of Florida, 1997; 1999. Experimental analysis of behavior; behavioral pharmacology; opioid pharmacology; radical behaviorism.

**Kang, Tamara**, Assistant Professor, Psychology, Ph.D., University of Texas, El Paso, 2017; 2019. Mental health; criminal justice rehabilitation and assessment; psychology and law.

**Kibby, Michelle Y.**, Professor, Psychology, Ph.D., The University of Memphis, 1998; 2004. Neuropsychology; brain-behavior relations; reading disorders; ADHD; child assessment.

**Komarraju, Meera**, Professor and Provost and Vice Chancellor for Academic Affairs, Ph.D., Osmania University Hyderabad, India, 1983; Ph.D., University of Cincinnati, 1987; 2006. Personality and cross-cultural differences in academic motivation and achievement; gender, ethnicity, and leadership in the workplace.

**Lakshmanan, Usha**, Professor, Psychology, Ph.D., University of Michigan, Ann Arbor, 1989; 1990. Psycholinguistics; first and second language acquisition; bilingualism; multilingualism; language and cognition.

**Lee, Eric B.**, Assistant Professor, Psychology, Ph.D., Utah State University, 2019; 2020. Contextual behavior science; obsessive-compulsive behavior; anxiety; process-based therapy.

**Lee, Yueh-Ting**, Professor, Psychology Ph.D., State University of New York at Stony Brook, 1991; 1995. Categorical thinking and evolutionary psychology; intergroup and cultural relations and identity; human beliefs (religion and spirituality); and peace psychology.

**Morgan, Robert D.**, Professor and Dean of the College of Health and Human Sciences, Ph.D., University of Missouri, 1999; 2021. Treatment and assessment of justice-involved persons with mental illness; effects of incarceration including in restricted housing units; and forensic mental health assessment.

**Sahu, Ankita**, Assistant Professor, Psychology, Ph.D., Texas A & M University, 2021; 2021. Multicultural training and supervision; multicultural counseling skills; experiences of Black, Indigenous, People of Color students with multicultural training.

**Schmidt, Kathleen**, Assistant Professor, Psychology, Ph.D., University of Virginia, 2014; 2017. Implicit social cognition, racial bias; self-knowledge; social perception; reproducibility in psychology.

## **Emeriti Faculty**

**Clancy Dollinger, Stephanie M.**, Associate Professor, Emerita, Ph.D., Syracuse University, 1989; 1989.

**Dillon, Ronna**, Professor, Emerita, Ph.D., University of California, Riverside, 1978; 1978.

**DiLalla, David L.**, Associate Professor and Associate Provost, Psychology, Ph.D., University of Virginia, 1989; 1990.

**Dollinger, Stephen J.**, Professor, Emeritus, Ph.D., University of Missouri, 1977; 1977.

**Gannon, Linda**, Professor, Emerita, Ph.D., University of Wisconsin, 1975; 1975.

**Gilbert, Brenda O.**, Associate Professor, Emerita, Ph.D., University of Florida, 1985; 1986.

**Gilbert, David G.**, Professor, Emeritus, Ph.D., Florida State University, 1978; 1985.

**Jensen, Robert**, Professor, Emeritus, Ph.D., Northern Illinois University, 1976; 1981.

**McHose, James H.**, Professor, Emeritus, Ph.D., University of Iowa, 1961; 1961.

**McKillip, John A.**, Professor, Emeritus, Ph.D., Loyola University of Chicago, 1974; 1975.

**O'Donnell, James P.**, Associate Professor, Emeritus, Ph.D., University of Pittsburgh, 1965; 1965.

**Pitz, Gordon F.**, Professor, Emeritus, Ph.D., Carnegie Mellon University, 1963; 1963.

**Schill, Thomas R.**, Professor, Emeritus, Ph.D., Oklahoma State University, 1963; 1963.

**Snyder, John F.**, Associate Professor, Emeritus, Ph.D., Loyola University, 1965; 1968.

**Swanson, Jane L.**, Professor, Emerita, Ph.D., University of Minnesota, 1986; 1986.

**Tinsley, Howard E. A.**, Professor, Emeritus, Ph.D., University of Minnesota, 1971, 1973.

**Vaux, Alan C.**, Professor, Emeritus, Ph.D., Trinity College Dublin, 1979; Ph.D., University of California at Irvine, 1980; 1981.

**Yanico, Barbara**, Associate Professor, Emerita, Ph.D., The Ohio State University, 1977; 1978.

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