Psychology

The undergraduate program in psychology provides a broad general education in the tradition of the liberal arts. This tradition focuses on the development of wide-ranging interests in the arts, humanities, and social sciences, and on the development of critical and analytical thinking. A student who has earned a degree in one of the liberal arts, such as psychology, should be prepared 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 schools or law 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 advisors in the Department of Psychology. 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 should meet with the director of undergraduate studies in the Department of Psychology as soon as possible after arrival at the University in order to discuss their interests and plans of study. Students already at the University who wish to change to a major in psychology should contact the office of the director of undergraduate studies in the Department of Psychology in order to initiate the request for a change of major.

Bachelor of Arts Degree in Psychology Requirements

<table>
<thead>
<tr>
<th>Degree Requirements</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Core Curriculum Requirements (PSYC 102 is required to satisfy social science and degree requirements)</td>
<td>39</td>
</tr>
<tr>
<td>College of Liberal Arts Academic Requirements - ENGL, Global Studies, and FL.</td>
<td>12</td>
</tr>
<tr>
<td>Requirements for Major in Psychology (^1)</td>
<td>39-42</td>
</tr>
<tr>
<td>PSYC 102 (with a grade of C or better)</td>
<td>(3)</td>
</tr>
<tr>
<td>PSYC 202 (with a grade of C or better)</td>
<td>(1)</td>
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<tr>
<td>Any Math course that meets University Core Curriculum Requirements.</td>
<td>(3)</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>Credit Hours</td>
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<tr>
<td>-----------------------------------------------------------------</td>
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<tr>
<td>PSYC 211, PSYC 311 (passed with a grade of C or better, completion of 211 before senior year recommended)</td>
<td>8</td>
</tr>
<tr>
<td>Psychology Electives</td>
<td>29-30</td>
</tr>
</tbody>
</table>

Ten courses from the list below. At least six 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 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 461, PSYC 464, PSYC 470, CI 403
- **Group B**: PSYC 302, PSYC 309, PSYC 310, PSYC 312, PSYC 345, PSYC 402, PSYC 407, PSYC 409, PSYC 415, PSYC 416, PSYC 417, PSYC 419, PSYC 443, PSYC 445, PSYC 471
- **Group C**: PSYC 223, PSYC 314, PSYC 322, PSYC 323, PSYC 340, PSYC 411, PSYC 413, PSYC 420, PSYC 421, PSYC 425, PSYC 441, PSYC 465, PSYC 480
- **Group D**: PSYC 222, PSYC 389, PSYC 391, PSYC 392, PSYC 393, PSYC 394, PSYC 489, PSYC 499A, PSYC 499B, QUAN 402, MATH 282

Of all credits that a student completes for PSYC 391, PSYC 392, PSYC 393, and PSYC 394, a maximum of three hours to count as one of the required 10 courses, 3 credits must be completed in PSYC 391, PSYC 392, PSYC 393, or PSYC 394 towards the major.

<table>
<thead>
<tr>
<th>Electives</th>
<th>29-30</th>
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<tbody>
<tr>
<td>Total</td>
<td>120</td>
</tr>
</tbody>
</table>

1 Courses in parenthesis will also count toward the 39 hours of University Core Curriculum requirements.

**Psychology Major-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.
# Parent Training Specialization Requirements

<table>
<thead>
<tr>
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<tr>
<td>University Core Curriculum Requirements</td>
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<td>College of Liberal Arts Academic Requirements</td>
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</tr>
<tr>
<td>Requirements for Major in Psychology</td>
<td>39-42</td>
</tr>
<tr>
<td>PSYC 102 (with a grade of C or better)</td>
<td>(3)</td>
</tr>
<tr>
<td>PSYC 202 (with a grade of C or better) ¹</td>
<td>(1)</td>
</tr>
<tr>
<td>Any Math course that meets University Core Curriculum Requirements</td>
<td></td>
</tr>
<tr>
<td>PSYC 211, PSYC 311 (passed with a grade of C or better, completion of PSYC 211 before senior year recommended)</td>
<td>8</td>
</tr>
<tr>
<td>Specialization requirements: PSYC 301, PSYC 451 or PSYC 391, PSYC 303, PSYC 432, PSYC 425, PSYC 441 or PSYC 393</td>
<td>18</td>
</tr>
<tr>
<td>Psychology Electives</td>
<td>12</td>
</tr>
</tbody>
</table>

Four additional courses 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.

- **Group A**: PSYC 233, PSYC 237, 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 461, PSYC 464, PSYC 470, CI 403
- **Group B**: PSYC 302, PSYC 309, PSYC 310, PSYC 312, PSYC 345, PSYC 402, PSYC 407, PSYC 409, PSYC 415, PSYC 416, PSYC 417, PSYC 419, PSYC 443, PSYC 445, PSYC 471
- **Group C**: PSYC 223, PSYC 314, PSYC 322, PSYC 323, PSYC 340, PSYC 411, PSYC 413, PSYC 420, PSYC 421, PSYC 441, PSYC 465, PSYC 480
- **Group D**: PSYC 222, PSYC 389, PSYC 391, PSYC 392, PSYC 393, PSYC 394, PSYC 489, PSYC 499A,B, QUAN 402, MATH 282

Of all credits that a student completes for PSYC 391, PSYC 392, PSYC 393, and PSYC 394, a maximum of three hours to count as one of the required 10 courses, 3 credits must be completed.
Degree Requirements

<table>
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<tr>
<td>in PSYC 391, PSYC 392, PSYC 393, or PSYC 394 towards the major.</td>
<td></td>
</tr>
<tr>
<td>Electives</td>
<td>24-29</td>
</tr>
<tr>
<td>Total</td>
<td>120</td>
</tr>
</tbody>
</table>

1 Courses in parenthesis will also count toward the 41 hours of University Core Curriculum requirements.

Psychology Minor

A minor in psychology requires the successful completion of at least 15 semester hours (five courses) in courses offered by the Department of Psychology and acceptable to the department for fulfillment of major requirements. PSYC 393 may not be included. A maximum of three hours from PSYC 391, 392 or 394 may count towards the minor. To count as one of the five required courses, three credits must be completed in 391, 392 or 394. Courses in other departments, such as the Department of Counseling, Quantitative Methods and Special Education, do not fulfill minor requirements. An average GPA of at least 2.0 in psychology courses must be successfully completed. Students completing a minor in psychology for purposes of qualifying to teach psychology in the State of Illinois must complete a minimum of 20 semester hours in psychology.

A student wishing to complete a minor in psychology must apply to the Department of Psychology for approval of the program of study for the minor. Without this approval the minor will not be officially listed on the student’s transcript at the time of graduation. Application forms are available in the office of the director of undergraduate studies in psychology.

Courses taken at other institutions may count towards the minor only if those courses are acceptable for transfer credit in psychology. If credit is not accepted for transfer, a revised application for the minor must be approved. No more than two transfer courses can count toward a minor.

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 415-4, and PSYC 392-6 (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.

A student wishing to complete the neuroscience minor must apply to the Department of Psychology for approval of the program of study. Without this approval the minor will not be officially listed on the student’s transcript at the time of graduation. Application forms are available in the Undergraduate Office in the Psychology department.

Courses taken at other institutions may apply towards the minor only if those courses are acceptable for transfer credit with the home department that offers the course. If credit is not accepted for transfer, a revised application for the minor must be approved. 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 415 (C or better), PSYC 392 (six credit hours) Electives: Two additional courses from the list below; one course must be at the 400-level: PSYC 222, PSYC 304, PSYC 309, PSYC 310, PSYC 312, PSYC 314, PSYC 331, PSYC 416, PSYC 419, PSYC 489 (with approval of Neuroscience Minor Coordinator)

**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 departmental prefix clearly indicating the course is a psychology course. Examples are PSYCH and PSYC.
2. The course must have covered substantially the same content material as a course currently offered at SIU to meet major requirements.
3. Credit for a course completed at a community or junior college is not transferable if the corresponding course at SIU is offered at the 400-level.
4. A grade point average of 2.0 or higher must have been earned in the course.
5. No more than five transfer courses can count for the major, and no more than two transfer courses can count toward a minor.
6. All transfers of credit to meet major or minor requirements in psychology must be explicitly approved by the department of psychology.

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 departmental 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 (3.0 overall grade point average and 3.25 psychology grade point average minimum), expressed interest, recommendation by departmental advisor, 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 - Intro to Psychology** 102-3 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. Purchase of syllabus from local vendor required.

**PSYC102H - Honors Intro to Psychology** 102H-3 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. Purchase of syllabus from local vendor required.

**PSYC202 - Careers in Psychology** 202-1 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.

**PSYC211 - Research Methods & Stats** 211-4 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. This course satisfies the CoLA Writing-Across-the-Curriculum requirement. Lecture and laboratory. Prerequisite: MATH 101 or UCC Math; PSYC 102.

PSYC222 - Effects Recreational Drugs 222-3 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.

PSYC223 - Workplace Diversity 223-3 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.

PSYC233 - Psych-Gender-Diverse Context 233-3 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.

PSYC237 - Psychology of Crime 237-3 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.

PSYC301 - Child Psychology 301-3 Child Psychology. The biological and psychological development of the child from birth through puberty, and relevant research methods and results. Prerequisite: PSYC 102.

PSYC302 - Intro to Neuroscience 302-3 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.

PSYC303 - Adolescence/Young Adulthood 303-3 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.

PSYC304 - Adulthood and Aging 304-3 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.

PSYC305 - Psychology of Personality 305-3 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.

PSYC306 - Positive Psychology 306-3 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.

PSYC307 - Social Psychology 307-3 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.

**PSYC308 - Psychology of Motivation**  
308-3 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.

**PSYC309 - Psychology of Learning**  
309-3 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.

**PSYC310 - Cognitive Psychology**  
310-3 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.

**PSYC311 - Adv Methods & Statistics**  
311-4 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. This course satisfies the CoLA Writing-Across-the-Curriculum requirement. Lecture and laboratory. Prerequisite: PSYC 211.

**PSYC312 - Sensation and Perception**  
312-3 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.

**PSYC314 - The Brain and Emotion**  
314-3 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.

**PSYC322 - Personnel Psychology**  
322-3 Personnel Psychology. (Same as MGMT 385) Examines the methods of psychology used in the selection, placement, and evaluation of employees. Government regulations requiring equal opportunity, psychological measurement concepts, and employee performance evaluation in the work environment are covered. Prerequisite: PSYC 102.

**PSYC323 - Organizational Psychology**  
323-3 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.

**PSYC331 - Abnormal Psychology**  
331-3 Abnormal Psychology. 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.

**PSYC333 - Psychology of Women**  
333-3 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.

**PSYC334 - Psyc African Amer Experience**  
334-4 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.

**PSYC340 - Intro Clinical/Counseling Psyc**  
340-3 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.

**PSYC345 - Second Language Acquisition** 345-3 Second Language Acquisition. (Same as LING 340) 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.

**PSYC389 - Seminar: Selected Topics** 389-1 to 9 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.

**PSYC390 - Neuroscience Research** 390-3 Individual Neuroscience Research. Individual neuroscience research under the supervision of a member of the faculty. For the neuroscience minor two semesters of PSYC 390 are required. Special approval needed from the instructor and research supervisor.

**PSYC391 - Individual Project** 391-1 to 9 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 three hours from any or all of these courses may count towards the major. Mandatory Pass/Fail. Special approval needed from the instructor.

**PSYC392 - Individual Project** 392-1 to 9 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 three hours from any or all of these courses may count towards the major. Special approval needed from the instructor.

**PSYC393 - Preprofessional Practicum** 393-1 to 9 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.

**PSYC394 - Ugrad Prac Col Teach Psych** 394-1 to 9 Undergraduate Practicum in the College Teaching of Psychology. Supervised practicum in the college teaching of psychology for selected senior psychology majors. Of all credits that a student completes for Psychology 391, 392, 393, and 394, a maximum of three hours from any or all of these courses may count towards the major. Restricted to senior psychology major. Special approval needed from the instructor.

**PSYC402 - Psychology and Medicine** 402-3 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.

**PSYC405 - Psychology and Law** 405-3 Psychology and Law. (Same as 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.

**PSYC407 - Theoretical Issues in Learning** 407-3 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.

**PSYC409 - History/Systems of Psychology** 409-3 History and Systems of Psychology. A review of the conceptual and empirical antecedents of modern psychology. Prerequisite: PSYC 211. Restricted to senior status, or graduate status.
PSYC411 - Applied Learning 411-3 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.

PSYC415 - Psychopharmacology 415-4 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.

PSYC416 - Recovery of Function 416-3 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.

PSYC417 - Neuropsych Learning & Memory 417-3 Neuropsychology of Learning and Memory. This course will serve as an advanced discussion of research related to the neuroscience of how learning and memory operate. Topics will include how the principles surrounding learning and memory are explained in terms of cellular, neural systems, and behavioral levels.

PSYC419 - Behavioral Genetics 419-3 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.

PSYC420 - Industrial/Organizational Psych 420-3 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.

PSYC421 - Tests & Measurements 421-3 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.

PSYC425 - Psychology of Parenting 425-3 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 with grades of C or better.

PSYC431 - Advanced Psychopathology 431-3 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.

PSYC432 - Childhood Psychopathology 432-3 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.

PSYC440 - Advanced Personality 440-3 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.

PSYC441 - Helping Skills Clin/Couns Psych 441-3 Helping Skills in Clinical and Counseling Psychology. (Same as COUN 493) 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 senior standing in psychology.

**PSYC443 - Bilingualism** 443-3 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.

**PSYC445 - Psycholinguistics** 445-3 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 of the brain. Prerequisite: PSYC 211.

**PSYC451 - Advanced Child Psychology** 451-3 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.

**PSYC461 - Advanced Social Psychology** 461-3 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.

**PSYC470 - Psych of Race & Racism** 470-3 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.

**PSYC471 - Judgment & Decision Making** 471-3 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.

**PSYC480 - Effective Correctional Practcs** 480-3 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.

**PSYC489 - Seminar: Selected Topics** 489-1 to 12 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.

**PSYC499A - Senior Honors in Psychology** 499A-3 Senior Honors 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.

**PSYC499B - Senior Honors in Psychology** 499B-3 Senior Honors 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.

**PSYC503 - Individual Differences** 503-3 Individual Differences. Reviews the reliable and theoretically significant individual and group difference that have been revealed by research in the behavioral sciences. Examines differences in general intelligence, specific verbal and spatial abilities, stylistic and personality characteristics, as well as such group differences as sex, race and socioeconomic status. Restricted to graduate status in Psychology.
PSYC505 - Psychology and Law 505-3 Psychology and Law. (Same as PSYC 405) 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.

PSYC507 - Advanced Social Psychology 507-3 Advanced Social Psychology. Review of new and traditional theories and research findings within social psychology. Provides an overview of major areas of study and consideration of more recent topics of study. Topics include (but are not limited to) cultural and evolutionary perspectives in social psychology, motivation, social cognition, self-knowledge, person-perception, cognitive consistency, attitudes, intergroup relationships, stereotyping, and group behavior. Restricted to graduate standing.

PSYC509 - History & Systems of Psyc 509-3 History and Systems of Psychology. A review of conceptual and empirical antecedents of modern psychology. Students research and summarize topics on 20th Century systematic developments. Restricted to graduate status in Psychology.

PSYC511 - Human Learning & Memory 511-3 Human Learning and Memory. Reviews principles of learning and memory. Covers both human and animal research literature from experimental and theoretical perspectives.

PSYC512 - Sensory Processing 512-3 Sensory Processing. A study of the structure and functions of the sense organs. Emphasizes the psychological data, which describe the function of these organs.

PSYC513 - Human Psychophysiology 513-3 Human Psychophysiology. Physiology, instrumentation, and methodology of psychophysiological measurements including both autonomic and central nervous systems. Attention will be given to basic and applied research. Restricted to graduate standing.

PSYC514 - Neurobiological Bases Behavior 514-4 Neurobiological Bases of Behavior. An advanced study of neuroanatomical and neuropsychological principles underlying behavior. Topics covered include structure and function of neurons, synaptic transmission, sensory processing, motor control, development and plasticity of the nervous system and other current topics in neurobiology. Prerequisite: PSYC 302 or equivalent. Special approval needed from the instructor.


PSYC516 - Human Clinical Neuroanatomy 516-4 Human Clinical Neuroanatomy. Basic functioning of the nervous system, detailed gross anatomy and dissection of the human brain, functional disorders following brain damage, noninvasive cranial nerve examination. The course includes a lab component. Restricted to graduate standing.

PSYC517 - Aging, Memory & Cognition 517-3 Aging, Memory and Cognition. (Same as GRON 517) A detailed survey of current methodology, research and theory dealing with cognitive and memory processes in later adulthood. Topics covered include attention, memory, reasoning and problem solving, language processing and inference and age-associated pathologies affecting cognition and memory. Special approval needed from the instructor.

PSYC518 - Psychopharmacology & Behavior 518-4 Psychopharmacology and Behavior. A detailed survey of the effects of drugs on the normal and abnormal behaviors of humans and animals. A primary focus is upon understanding drug influences on behavior in relation to actions on the nervous system, endocrine system and behavior pathology. Students review and summarize original research in the area. Restricted to graduate status in psychology or permission of instructor.

PSYC519 - Research on Indiv Differences 519-3 Research on Individual Differences. Reviews the reliable and theoretically significant individual and group differences that have been revealed by research in the behavioral sciences. Examines difference in general intelligence, specific verbal and spatial abilities, stylistic and personality characteristics, as well as such group differences as gender, race and socioeconomic status. Students review and summarize original research in the area and lecture on that topic. Restricted to graduate status in psychology or permission of instructor.
PSYC520 - Apps Psyc Learning & Memory 520-3 Applications of the Psychology of Learning and Memory. A survey of the theories and methods of training that have resulted from research in the areas of learning and memory. Students will review some of the very recent methods as well as those that are better developed. Practice will be provided. Prerequisite: PSYC 309 or consent of instructor.

PSYC522 - Experimental Design & Analysis 522-4 Experimental Design and Analysis. (Same as QUAN 508) In-depth coverage of the rationale underlying the design and analysis of complex experimental designs used in psychological research. Restricted to Psychology graduate students.

PSYC523 - Res Methods: Appl & Prof Psy x 523-3 Research Methods in Applied & Professional Psychology. Discussion of problems in experimental and quasi-experimental design, control and analysis that are encountered by researchers and professional psychologists. The course covers critical evaluation of internal, construct, and external validity and the application of randomized and non-randomized designs for causal inference. Passive-observational and qualitative designs are covered at the instructor's discretion. Examples of current research practice from applied, counseling and clinical psychology are reviewed. Restricted to graduate status in psychology or consent of instructor.

PSYC524 - Multivariate Methods Psych 524-4 Multivariate Methods of Psychology. Detailed treatment of multiple-factor analysis and multiple regression analysis. Also includes introduction to other multivariate methods such as discriminant analysis and cluster analysis. Prerequisite: PSYC 522. Restricted to Psychology graduate students.

PSYC525 - Psychological Measurement 525-3 Psychological Measurement. (Same as QUAN 531) Intensive coverage of such topics in test theory as item analysis, reliability, validity, problems of weighting in differential prediction, and problems in selection and classification. Prerequisite: PSYC 421 or consent of instructor.

PSYC526 - Research in Counseling Psy x 526-3 Research in Counseling Psychology. This course provides a basic foundation of research skills. The course includes extensive reading in counseling psychology research and coverage of research design, specific research techniques, technical writing and research ethics.

PSYC527 - Theory & Methods Scaling 527-3 Theory and Methods of Scaling. The theory of measurement, by which observed behavioral events can be translated into quantitative scales of psychological constructs. The course will cover several axiom systems that form the foundation for psychological measurement, including representation in more than one dimension. Prerequisite: PSYC 522. Restricted to graduate standing.

PSYC528 - Decision Analysis Techniques 528-3 Decision Analysis: Techniques for Aiding Decisions. A survey of formal methods for making decisions, based on subjective probability and multiattribute utility assessments. Students will be given practice in using methods of decision analysis for solving decision problems. Special approval needed from the instructor.

PSYC529 - Advanced Multivariate Stats 529-3 Advanced Applied Multivariate Statistics. This course will introduce multivariate analyses such as structural equation modeling, hierarchical linear modeling and latent curve analysis, with additional topics addressed dependent upon student interest (e.g., missing data, categorical and/or dyadic data analysis). After presenting conceptual information on latent variable analysis, the course will focus on the application of advanced analytic techniques. Understanding of correlation and regression is essential for this course. Prerequisite: graduate level multivariate statistics course.

PSYC530 - Theories of Couns/Psytherap y 530-3 Theories of Counseling and Psychotherapy. A survey of the major theories of personality and systems of counseling and psychotherapy. Stresses relationship between theory and application. Special approval needed from the instructor.

PSYC531 - Commun & Inst Field Placement 531-3 to 6 Community and Institutional Field Placement. Introduction to a variety of area agencies with each student affiliating with two agencies at least two days per week. Individual and group supervision with special attention to the variety of clinically related problems and approaches to treatment encountered in the course of their activities. Required for clinical students. Restricted to psychology graduate students in clinical or counseling.
PSYC532 - Devel Pers & Psychopathology 532-3 Development, Personality & Psychopathology. An extensive review and systematic evaluation of theories and research pertaining to developmental processes as they influence temperament, personality and psychopathology with emphasis on normal and disordered pathways. Restricted to graduate status or consent of instructor.

PSYC533 - Exper Apprs: Psychopathology 533-2 Experimental Approaches to Psychopathology. An examination of the research literature on several issues in clinical psychopathology. Restricted to psychology graduate or consent of instructor.

PSYC534 - Cogn & Behavior Therapy 534-3 Cognitive and Behavior Therapy. An extensive review and systematic evaluation of clinical methods including desensitization, assertion training, cognitive restructuring, and conditioning strategies. Restricted to graduate status (clinical/counseling) or consent of instructor.

PSYC535 - Psychopathology 535-3 Psychopathology. Surveys the following issues and content areas in psychopathology: categorical and dimensional models and definitions of psychopathology, anxiety and related disorders, depressive disorders, schizophrenia spectrum and psychotic disorders, substance-related disorders, and personality disorders. Also reviews diagnostic procedures, including differential diagnosis. This course is required for all clinical students within their first two years. Restricted to psychology graduate students or consent of instructor.

PSYC536 - Fundamentals of Counseling 536-4 Fundamentals of Counseling. An introduction to counseling psychology as a professional specialty. Professional and ethical issues in the training and work of counseling psychologists are examined. Basic counseling skills are acquired through practice interviewing. Restricted to psychology graduate students or consent of instructor.

PSYC537 - Adv Treatment Planning 537-3 Advanced Treatment Planning and Implementation. An advanced level course designed to help students grapple with the more complex issues of psychological practice in today's health care system. Students will practice comprehensive treatment planning and outcome management that is theoretically driven and evidence-based. Students will also gain specific knowledge and skills related to delivering therapy in a culturally relevant and time-limited manner. Restricted to psychology graduate status.

PSYC538 - Theory/Practice Group Facilitatn 538-3 Theory and Practice of Group Facilitation. Didactic presentation of group dynamics and group counseling/therapy. Restricted to Psychology graduate status.

PSYC539 - Experimental Psychotherapy 539-3 Experimental Approaches to Psychotherapy. A review and evaluation of empirical research related to the amelioration of maladjustment. Emphasis is on measurement and methodological problems. Prerequisite: PSYC 530 or consent of instructor.

PSYC540 - Psychological Assessment 540-4 Psychological Assessment. Basic theory, practice and research on psychological assessment with emphasis on objective, validated measures of intelligence and personality. Includes one hour laboratory section. Restricted to psychology graduate status. Course fee: $100.

PSYC542 - Prin & Prob-Personality Assmt 542-3 Principles and Problems in Personality Assessment. Critical review of research related to such topics as scale construction strategies, response styles, trait attribution, judgmental accuracy, and judgmental processes. Special approval needed from the instructor.


PSYC544 - Adv Adult Assessment 544-3 Advanced Adult Assessment. Practical experience at conceptualizing psychopathology from a standard clinical test battery and in writing clinically meaningful test reports. Prerequisite: PSYC 540. Restricted to Psychology graduate standing. Special approval needed from the instructor.

PSYC545 - Intro Neuropsyc Assessment 545-3 Introduction to Neuropsychological Assessment. Overview of the development of neuropsychology from signs to test batteries and methodology.
PSYC546 - Human Clinical Neuropsychology 546-3 Human Clinical Neuropsychology. This course will familiarize students with the basic concepts, empirical foundations, and clinical applications of human clinical neuropsychology. The neurobehavioral manifestations of both acute and chronic conditions will be covered. Prerequisite: PSYC 540. Restricted to psychology graduate status. Special approval needed from the instructor.

PSYC548 - Vocational Psyc & Career Dev 548-3 Vocational Psychology and Career Development. Introduces students to vocational psychology as an area of academic inquiry. Topics include theories of career development, occupational information, career assessment, research issues, and career counseling techniques. Restricted to graduate standing.

PSYC549 - Behavioral Assessment 549-3 Behavioral Assessment. A didactic and practicum course concerned with principles and methods of behavioral assessment including behavioral interviewing, questionnaires, self-monitoring, naturalistic and structured observation and psychophysiological assessment.

PSYC550 - Psych Construction of Gender 550-3 The Psychological Construction of Gender. (See WGSS 550)

PSYC552 - Social Development 552-3 Social Development. Advanced consideration of current methods, research, and theory in development psychology with emphasis on infancy through adolescence. Includes integration of social, developmental, and biological aspects of child development, with particular attention paid to social and personality development and parent-child relations. Special approval needed from the instructor.

PSYC553 - Cross-Cultural Psychology 553-3 Cross-Cultural Psychology. This course helps students increase their awareness of the importance of cross-cultural differences in psychology. The course also integrates theory and research from different fields of psychology (e.g., biological, social, developmental, cognitive, psychopathology) from the cross-cultural perspective. Special approval needed from the instructor.

PSYC554 - Life-Span Developmental Psych 554-3 Life-Span Developmental Psychology. Theories of human development, as well as current research trends and methodologies, will be examined from a life-span perspective.

PSYC555 - Language and Cognition 555-3 Language and Cognition. Current theoretical problems in language and cognitive developments are investigated from the perspective of psychology, physiology, linguistics and computer simulations. Special approval needed from the instructor.

PSYC556 - Child Psychotherapy 556-3 Child Psychotherapy. Survey and analysis of traditional and contemporary approaches to individual child psychotherapy. Includes psychodynamic, humanistic-nondirective, hypnotherapy-imagery and other perspectives as well as therapy outcome research. Restricted to psychology graduate status. Special approval needed from the instructor.

PSYC557 - Family Psychotherapy 557-3 Family Psychotherapy. Investigation of the psychosocial interior of the family. Evolution and dynamics of interaction in families. Study of the methods of therapeutic intervention with families. Restricted to psychology graduate status. Special approval needed from the instructor.

PSYC558 - Personality & Soci Dev Adults 558-3 Personality and Social Development of Adults. A lecture-discussion course which presents the major theoretical and empirical literature in the area of adult personality and social development. Students are encouraged to apply normal developmental constructs to understand individual adults, as well as to gain competence in research methods in this area. Restricted to psychology graduate students or consent of instructor.

PSYC559 - Behavioral Child Therapy 559-3 Behavioral Child Therapy. Survey and analysis of behavioral and cognitive-behavioral approaches to the treatment of child psychopathology. Restricted to psychology graduate status. Special approval needed from the instructor.
PSYC560 - Couples/Marital Therapy 560-3 Couples and Marital Therapy. This course is designed to provide doctoral level psychology students the basic theoretical and technical background necessary before beginning to work in supervised marital/couples therapy clinical practica. Restricted to psychology graduate status or consent of instructor.

PSYC561 - Supervision of Psychotherapy 561-3 Supervision of Psychotherapy. Presentation of the theories and techniques of psychotherapy supervision, as well as cultural, ethical and legal issues in supervision. Students will also provide individual supervision to beginning counselors and receive supervision of their supervision. Restricted to psychology graduate status.

PSYC562 - Adolescent Clinical Psychology 562-3 Adolescent Clinical Psychology. Discusses specific characteristics of adolescent psychopathology, techniques for psychological assessment, common and empirically supported treatment approaches. Restricted to psychology graduate students or consent of instructor.

PSYC563 - Resrch Attitudes & Persuasion 563-3 Research in Attitudes and Persuasion. Detailed review of current theory and research in social psychology of attitude formation and change and of persuasion techniques. Students will develop literature reviews and conduct original research. Restricted to graduate status in psychology or consent of instructor.

PSYC564 - Prog Eval:Exper & Quasi Apprch 564-3 Program Evaluation: Experimental and Quasi-Experimental Approaches. Review of experimental and quasi-experimental designs for assessment of program impact. Discussion of design, logistic, and political implementation problems. Detailed examination of a number of attempts at program evaluation. Prerequisite: 500-level statistics course.

PSYC565 - Research Organizational Psych 565-3 Research in Organizational Psychology. In-depth examination of theoretical and research literature in organizational psychology. Topics include, but are not limited to, theory and research literature on work motivation, job attitudes, leadership, group processes, organizational stress and women and minorities in the work place. Restricted to graduate status in psychology or permission of instructor.

PSYC566 - Health Psychology 566-3 Health Psychology. This course will explore the interface between psychological theory and research and health issues including health behavior, prevention and intervention, stress and coping, management of chronic and terminal illness, health care service utilization, and patient/provider interaction. Graduate standing required.

PSYC569 - Applied Research Consultants 569-1 to 3 Applied Research Consultants. Consulting firm which provides applied research experiences for advanced graduate students on planning, data gathering, evaluation, and decision making projects for units of university and area agencies and businesses. Students exercise decision making power in all aspects of the firm: project solicitation, fee setting, expenditures. Graded S/U only. Prerequisite: PSYC 571 or consent of instructor.

PSYC570 - Early Cognitive Development 570-3 Early Cognitive Development. Surveys the major theories, methods, and data in the field of human cognitive development, with a particular emphasis on the qualitative changes that occur during infancy and early childhood. Special approval needed from the instructor.

PSYC571 - Prosem in Applied Exper Psych 571-6 (2,2,2) Proseminar in Applied Experimental Psychology. A survey of the problem areas to which applied experimental psychology is applicable and of the principal methods employed by applied experimental psychologists. Integration of these approaches within a comprehensive metatheory. Case studies apply the information to actual and simulated application problems. Graded S/U.

PSYC572 - Prosem Brain & Cognitive Sci 572-1 Proseminar in Brain and Cognitive Sciences. Discussions of various research topics within the brain and cognitive sciences. Presentations of current research by faculty and graduate students.

PSYC573 - Personnel Psychology 573-3 Personnel Psychology. This course will give an in-depth treatment of modern theories and practice of personnel selection. Students will learn about the psychological variables used in personnel selection as well as how to apply these findings in modern organizations. Course content will include individual difference traits related to subsequent job
performance, methods used to select employees, personnel selection practices, adverse impact, and other related topics. Restricted to graduate students in Psychology or instructor's permission.

**PSYC574 - Groups and Teams** 574-3 The Psychology of Groups and Teams. This course examines the good, the bad and the ugly with groups and teams, with an emphasis on group dynamics and performance. Topics include: leadership, group composition and performance, group decision-making, ostracism, minority influence, groups and technology, and creativity. Restricted to graduate students in psychology or permission of instructor.

**PSYC575 - Computational Modeling** 575-3 Computational Modeling. Introduction to computational modeling of cognitive processes. Covers theoretical and methodological issues in computational simulations of psychological behavior. Lectures and practical simulation assignments. Special approval needed from the instructor.

**PSYC577 - Second Language Acquisition** 577-3 Second Language Acquisition. (Same as LING 541) Introduction to key concepts and major theoretical and methodological issues in second language acquisition. Major developments in SLA in the areas of phonology, morphology, lexis, syntax, semantics and discourse and provides students with hands-on experience in describing and accounting for second language data. Prerequisite: Introduction to linguistics or consent of instructor.

**PSYC578 - Bilingualism** 578-3 Bilingualism. (Same as LING 543) A comprehensive introduction to the study of bilingualism. Course will examine the linguistics, psycholinguistic, sociolinguistic and educational aspects of bilingualism, particularly as pertaining to the care and education of bilingual children. Prerequisite: one previous course in linguistics or consent of instructor.

**PSYC580 - Cognition Affect & Behavior** 580-3 Cognition, Affect and Behavior. Provides an integrative exploration of the relations among cognition, affect and behavior (CAB). Foundations of this integration are provided, including examination of basic principles, experimental evidence, and biological bases. Emphases will be placed on learning, stability, self-regulation, and change of CAB, and relationships to individual differences, personality, psychopathology, and genetically influenced temperaments. Restricted to psychology graduate student status or instructor permission.

**PSYC581 - Developmental Psychopathology** 581-3 Developmental Psychopathology. An extensive review and systematic evaluation of theories and research pertaining to developmental psychopathology. Emphasis will be on empirical data and the implications of these data for the classification and treatment of disorders. Restricted to graduate status. Special approval needed from the instructor.

**PSYC584 - Pediatric Psychology** 584-3 Pediatric Psychology. This course is an introduction to pediatric psychology. Clinical and research applications to working with youth and their families in medical settings will be covered. Topics include clinical roles and settings in pediatric psychology, pediatric medical and developmental conditions and role of the pediatric psychologist, consultation-liaison in the pediatric medical setting, assessment and intervention approaches for children with medical conditions, and ethical issues in pediatric psychology. Prerequisite: PSYC 556 or PSYC 559. Restricted to psychology graduate student status or instructor permission.

**PSYC585 - Advanced Seminar** 585-1 to 18 Advanced Seminar. Seminars of varied content for advanced students. Special approval needed from the instructor.

**PSYC586 - Proseminar Clinical Psychology** 586-1 Proseminar in Clinical Psychology. Required seminar for first-year graduate students enrolled in the Clinical Psychology program. Graded S/U. Restricted to psychology graduate status.

**PSYC587 - Systems, Admin, & Advocacy** 587-1 Advanced Professional Seminar in Psychology: Systems, Administration, and Advocacy. The purpose of this professional seminar is to provide students with an opportunity to consider and consolidate their various training, experiences related to interdisciplinary systems, management and administration, and advocacy. These core competencies are relevant to all professional psychology work settings. Students will bring in case examples from their applied work, professional meetings, and personal reading. Learning will be facilitated via readings, case examples, and discussion. Restricted to Doctoral Student in Counseling or Clinical Psychology.
PSYC590 - Readings in Psychology 590-1 to 12 Readings in Psychology. Readings in selected topics in psychology under staff supervision. Graded S/U only. Special approval needed from the instructor.

PSYC591 - Readings on Culture/Diversity 591-3 Readings on Culture and Diversity. Readings on multicultural and diversity issues in Clinical Psychology, which may include, but not necessarily be limited to issues of racial and ethnic differences, gender, sexual orientation, socioeconomic status, religious affiliation, and disability, as they impact the assessment and treatment of psychopathology. Restricted to Classified Status, Graduate Students in Psychology. Special approval needed from the instructor.

PSYC593 - Research in Psychology 593-1 to 24 Research in Psychology. Research under staff supervision in selected areas of psychology. Graded S/U only. Special approval needed from the instructor.

PSYC594A - Pract-Applied Exper Psyc 594A-1 to 16 Practicum in Psychology-Applied Experimental Psychology. Practicum experience in a professional setting is offered under staff supervision. Graded S/U only. Special approval needed from the instructor.

PSYC594C - Practicum-Clinical Skills 594C-1 to 16 Practicum in Psychology-Clinical Skills. Practicum experience in a professional setting is offered under staff supervision. Introduction to the professional skills and issues of clinical psychology, including ethics, interviewing, change processes, diversity issues. Special approval needed from the instructor.

PSYC594E - Practicum-Clinical Psychology 594E-1 to 16 Practicum in Psychology-Clinical Psychology. Practicum experience in a professional setting is offered under staff supervision. Graded S/U only. Special approval needed from the instructor.

PSYC594F - Practicum-Counseling Psychology 594F-1 to 16 Practicum in Psychology-Counseling Psychology. Practicum experience in a professional setting is offered under staff supervision. Graded S/U only. Special approval needed from the instructor.

PSYC594L - Practicum-Teaching of Psyc 594L-1 to 16 Practicum in Psychology-Teaching of Psychology. Practicum experience in a professional setting is offered under staff supervision. Graded S/U only. Special approval needed from the instructor.

PSYC595 - Internship 595-1 to 12 Internship. Placement in an approved setting required of all students in clinical, bioclinical, and counseling psychology. Graded S/U only. Restricted to psychology graduate students.

PSYC597 - Preprofessional Training 597-1 to 15 Preprofessional Training. Experience given in research, teaching, or clinical or counseling activities. One hour required each semester of residence. Graded S/U only. Restricted to psychology graduate students.

PSYC598 - Ethical & Professional Probs 598-3 Ethical and Professional Problems in Psychology. The code of ethics in professional practice, in teaching and research; problems and issues of the field are discussed; and relations to other professions and the public are considered. Special approval needed from the instructor.


PSYC600 - Dissertation 600-1 to 16 Dissertation.

PSYC601 - Continuing Enrollment 601-1 per semester Continuing Enrollment. For those graduate students who have not finished their degree programs and who are in the process of working on their dissertation, thesis, or research paper. The student must have completed a minimum of 24 hours of dissertation research, or the minimum thesis, or research hours before being eligible to register for this course. Concurrent enrollment in any other course is not permitted. Graded S/U or DEF only.

PSYC699 - Postdoctoral Research 699-1 Postdoctoral Research. Must be a Postdoctoral Fellow. Concurrent enrollment in any other course is not permitted.
Psychology Faculty

Cashel, Mary Louise, Associate Professor, Ph.D., University of North Texas, 1997.
Chwalisz, Kathleen D., Professor, Ph.D., University of Iowa, 1992.
Clancy Dollinger, Stephanie M., Associate Professor, Ph.D., Syracuse University, 1989.
DiLalla, David Louis, Associate Professor and Associate Provost, Ph.D., University of Virginia, 1989.
DiLalla, Lisabeth F., Professor, Ph.D., University of Virginia, 1987.
Dillon, Ronna, Professor, Emerita, Ph.D., University of California, Riverside, 1978.
Dollinger, Stephen J., Professor, Emeritus, Ph.D., University of Missouri-Columbia, 1977.
Drake, Chad, Assistant Professor, Ph.D., University of Mississippi, 2008.
Fehr, Karla, Assistant Professor, Ph.D., Case Western Reserve University, 2014.
Gannon, Linda, Professor, Emerita, Ph.D., University of Wisconsin, 1975.
Gilbert, Brenda O., Associate Professor, Emerita, Ph.D., University of Florida, 1985.
Gilbert, David G., Professor, Ph.D., Florida State University, 1978.
Greer-Medley, Tawanda M., Associate Professor, Ph.D., Southern Illinois University.
Habib, Reza, Associate Professor, Ph.D., University of Toronto, 2000.
Hoane, Michael R., Professor and Chair, Ph.D., Texas Christian University, 1996.
Hylin, Michael, Assistant Professor, Ph.D., Northern Illinois University, 2010.
Jacobs, Eric, Associate Professor, Ph.D., University of Florida, 1997.
Jensen, Robert A., Professor, Emeritus, Ph.D., Northern Illinois University, 1976.
Kertz, Sarah, Assistant Professor, Ph.D., University of Louisville, 2011.
Kibby, Michelle Y., Associate Professor, Ph.D., The University of Memphis, 1998.
Komarraju, Meera, Professor and CoLA Dean, Ph.D., University of Cincinnati, 1987; Ph.D., Osmania University, 1983.
Knutson, Douglas, Assistant Professor, Ph.D., Oklahoma State University, 2017.
Lakshmanan, Usha, Professor, Ph.D., University of Michigan, Ann Arbor, 1989.
McHose, James H., Professor, Emeritus, Ph.D., University of Iowa, 1961.
McKee, John A., Professor, Emeritus, Ph.D., Loyola University of Chicago, 1974.
O’Donnell, James P., Associate Professor, Emeritus, Ph.D., University of Pittsburgh, 1965.
Peter-Hagene, Liana, Assistant Professor, Ph.D., University of Illinois at Chicago, 2016.
Pitz, Gordon F., Professor, Emeritus, Ph.D., Carnegie Mellon University, 1963.
Radtke, Robert C., Associate Professor, Emeritus, Ph.D., State University of Iowa, 1963.
Ramanaiah, Nerella, Professor, Emeritus, Ph.D., University of Oregon, 1971.
Rodriguez II, Benjamin F., Associate Professor, Ph.D., The Catholic University of America, 2001.
Schill, Thomas R., Professor, Emeritus, Ph.D., Oklahoma State University, 1963.
Schmeck, Ronald R., Professor, Emeritus, Ph.D., Ohio University-Athens, 1969.
Schmitz, Kathleen, Assistant Professor, Ph.D., University of Virginia, 2014.
Snyder, John F., Associate Professor, Emeritus, Ph.D., Loyola University, 1965.
Swanson, Jane L., Professor, Emerita, Ph.D., University of Minnesota, 1986.
Vaux, Alan C., Professor, Emeritus, Ph.D., Trinity College Dublin, 1979; Ph.D., University of California at Irvine, 1981.
Yanico, Barbara, Associate Professor, Emerita, Ph.D., The Ohio State University, 1977.

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Catalog Year Statement:
Students starting their collegiate training during the period of time covered by this catalog (see bottom of this page) are subject to the curricular requirements as specified herein. The requirements herein will extend for a seven calendar-year period from the date of entry for baccalaureate programs and three years for associate programs. Should the University change the course requirements contained herein subsequently, students are assured that necessary adjustments will be made so that no additional time is required of them.