

Test (MCAT) and apply for admission to medical schools, usually in the summer between the junior and senior year. Most people complete an undergraduate degree and major before entering medical school.

Medical schooling is four years of graduate-level, professional education and training, followed by a three-to-five-year residency program. The only medical school in Kansas is the KU School of Medicine.

Most medical schools require two semesters each of English (ENGL 101 and ENGL 102), chemistry (CHEM 184 and CHEM 188), organic chemistry (CHEM 624, CHEM 625, CHEM 626, and CHEM 627), biology (BIOL 150 and BIOL 152) and physics (PHSX 114 and PHSX 115). Some require one or two semesters of calculus, and/or additional biology courses.

Call (785) 864-3500 to schedule an orientation or application meeting with the premedical adviser, and see [www.medadvising.ku.edu/medicine](http://www.medadvising.ku.edu/medicine).

### Preoptometry

Preoptometry is a career interest rather than a major or formal program. Students prepare by taking courses to meet optometry school admission requirements and shadowing or working in optometry practices. They take the Optometry Admission Test (OAT) and apply for admission to optometry schools, usually in the summer between the junior and senior year. Most people complete an undergraduate degree and major before entering optometry school.

Optometry schooling is four years of graduate-level, professional education and training. There is no optometry school in Kansas, but there are agreements for some seats for Kansas residents at the University of Missouri—St. Louis School of Optometry, Northeastern State University of Oklahoma College of Optometry, and Southern College of Optometry in Tennessee.

Most optometry schools require two semesters each of English (ENGL 101 and ENGL 102), chemistry (CHEM 184 and CHEM 188), biology (BIOL 150 and BIOL 152) and physics (PHSX 114 and PHSX 115), and one semester each of calculus (MATH 115 or MATH 121), microbiology with lab (BIOL 400 and BIOL 402), psychology (PSYC 104), statistics (PSYC 300, MATH 365, or BIOL 570), and organic chemistry with lab (CHEM 622 and CHEM 625). Most also require or recommend one semester of anatomy with lab (BIOL 240 and BIOL 241 or BIOL 510), biochemistry with lab (BIOL 600 and BIOL 637), and physiology with lab (BIOL 246 and BIOL 247 or BIOL 646 and BIOL 647). Some require additional mathematics, psychology, and/or other courses.

Call (785) 864-3500 to schedule an orientation or application meeting with the premedical adviser, and see [www.medadvising.ku.edu/optometry](http://www.medadvising.ku.edu/optometry).

### Preveterinary Medicine

Preveterinary medicine is a career interest rather than a major or formal program. Students prepare by taking courses to meet veterinary school admission requirements and shadowing or working in veterinary practices. They take the Graduate Record Examination (GRE) and apply for admission to veterinary schools, usually in the summer between the junior and senior year. Most people complete an undergraduate degree and major before entering veterinary school.

Veterinary schooling is four years of graduate-level, professional education and training. The only veterinary school in Kansas is the Kansas State College of Veterinary Medicine.

The Kansas State College of Veterinary Medicine requires expository writing I and II (ENGL 101 and ENGL 102), public speaking (COMS 130), chemistry I and II (CHEM 184 and CHEM 188), organic chemistry with lab (CHEM 622 and CHEM 625), general biochemistry with lab (BIOL 600 and BIOL 637), physics I and II (PHSX 114 and PHSX 115), biology (BIOL 150),

microbiology with lab (BIOL 400 and BIOL 402), genetics (BIOL 350), 12 credit hours of social sciences and/or humanities, and enough electives to reach a total of 64 credit hours.

Call (785) 864-3500 to schedule an orientation or application meeting with the premedical adviser, and see [www.medadvising.ku.edu/om](http://www.medadvising.ku.edu/om).

### Prenursing

See the School of Nursing chapter of this catalog.

### Preoptometry

See Premedical Professions in this chapter of the catalog.

### Preveterinary Science

See Premedical Professions in this chapter of the catalog.

## Psychology

Chair: Gregory Simpson, [gsimpson@ku.edu](mailto:gsimpson@ku.edu)  
Fraser Hall, 1415 Jayhawk Blvd., Room 426  
Lawrence, KS 66045-7556, [www.psych.ku.edu](http://www.psych.ku.edu), (785) 864-4131

Advising Specialist: Tricia Zerger, 441 Fraser Hall,  
(785) 864-9834, [triciaz@ku.edu](mailto:triciaz@ku.edu)

Degrees offered: B.A., B.G.S., B.S., M.A., Ph.D.

**Why study psychology?** Because the understanding of mind, behavior, and the human experience is best achieved through the rigorous application of the scientific method.

Undergraduate courses are designed as part of a general education, for students preparing for careers in professional fields, and for students majoring in psychology, including those anticipating graduate work. See the department Web site for the most current information on requirements and policies.

### Majors

#### First- and Second-year Preparation for the B.A. and B.G.S.

**Major.** The first- and second-year survey courses are PSYC 104 or PSYC 105 and PSYC 120 or PSYC 121. Both fulfill the College principal course requirement in the social sciences area of individual behavior. Prospective majors should complete PSYC 104 or PSYC 105, because it is a prerequisite for most other courses in psychology. They may complete PSYC 120 or PSYC 121 as an elective. Prospective majors are encouraged to take PSYC 102, PSYC 300, and PSYC 310 early in their preparation to major in psychology. Students may substitute PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625 for PSYC 310. For more information on majoring in psychology, contact the department's advising specialist. Four-year sample plans for a major in psychology and other information about the major are available at [www.psych.ku.edu/psych\\_programs/sample\\_plan.shtml](http://www.psych.ku.edu/psych_programs/sample_plan.shtml).

**Admission to the B.A. and B.G.S. Major.** Students are strongly urged to apply to the major as soon as they meet the requirements. Applications may be submitted during the first two weeks of September, February, or June each year. Students may apply to the major online at [www.psych.ku.edu/psych\\_resources/admissions\\_application.shtml](http://www.psych.ku.edu/psych_resources/admissions_application.shtml). Students are permitted to major in psychology if, at the time they apply, they meet these criteria:

1. Have completed at least 30 credit hours of college course work.
2. Have completed one semester (at least 9 hours) of courses at KU.
3. Have an overall grade-point average of at least 2.0 (C average).
4. Have satisfactorily completed PSYC 102.
5. Have completed PSYC 104, PSYC 300, or PSYC 310 (or PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625), and at least one but not more than three of the psychology core courses (PSYC 318, PSYC 333, PSYC 350, PSYC 360, PSYC 370, PSYC 380) or their equivalents. Transfer students with more than 9 hours in psychology should consult the undergraduate coordinator to determine eligibility for PSYC 102.
6. Have a grade-point average of at least 2.5 based on grades in PSYC 104, PSYC 300, and/or PSYC 310 (or PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625),

and all psychology core courses completed at the time of application. PSYC 102 is graded satisfactory/unsatisfactory and not computed in the grade-point average.

The undergraduate advisory committee evaluates applications. Students providing documentation of meeting the criteria are admitted when they apply. Notification is made no later than October 15, March 15, or July 15 for fall, spring, or summer terms respectively. Unsuccessful applicants may reapply during the next application period. Faculty members are aware of the dangers associated with relying solely on grade-point average in selecting students. The department is committed to promoting cultural diversity in its programs, and the undergraduate advisory committee is guided by principles of affirmative action.

**Requirements for the B.A. and B.G.S. Major.** A minimum of 37 hours is required. At least 27 of these hours must be in courses numbered 300 and higher. No more than 3 hours of PSYC 480 Independent Study may be counted toward the 37-hour requirement.

**Required Courses** (25 hours or 28 hours if PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625 is taken)

PSYC 102 Orientation Seminar in Psychology .....	1
PSYC 104 or PSYC 105 General Psychology .....	3
PSYC 300 or PSYC 301 Statistics in Psychological Research .....	3
PSYC 310 Research Methods in Psychology (3) or PSYC 618, PSYC 620, PSYC 622, PSYC 624, or PSYC 625 Experimental Psychology: _____ (6) .....	3-6
Cognitive Psychology: PSYC 318 or PSYC 319 Cognitive Psychology, honors ...	3
Child Psychology: PSYC 333 or PSYC 334 Child Psychology, honors .....	3
Abnormal Psychology: PSYC 350 or PSYC 351 Abnormal Psychology, honors ...	3
Social Psychology: PSYC 360 or PSYC 361 Social Psychology, honors .....	3
Biological Psychology: PSYC 370 or PSYC 371 Brain and Behavior, honors (3) or PSYC 380 or PSYC 381 Brain and Pathology, honors (3) .....	3

A student may not take more than 3 of the core courses before being admitted to the major. If a student enrolls in a fourth core course before being admitted to the major, the student is notified and administratively dropped from the course.

**Elective Courses** (12 hours minimum). At least 6 of these hours must be completed with courses numbered 300 and higher.

**Emphasis.** For interested students, the department offers five areas of emphasis: cognitive psychology; child and family psychology; personality, health and abnormal psychology; social psychology, and neurological psychology. For more information, visit [www.psych.ku.edu/psych\\_programs/undergrad\\_emphasis.shtml](http://www.psych.ku.edu/psych_programs/undergrad_emphasis.shtml).

**Requirements for the Bachelor of Science Degree in Cognitive Psychology.** This degree offers training in human sensation, perception, memory, and language processes and associated quantitative methods. The curriculum includes core courses in cognitive psychology and statistics and two laboratory courses in experimental psychology. Consult a cognitive psychology faculty member to arrange for an adviser.

**Requirements for the B.A. or B.G.S. Degree in Developmental Psychology (Edwards Campus).** This degree, developed primarily with the KU Edwards Campus, offers training in the science of human development across the life span. The curriculum includes core courses in statistics, research methods, and cognitive and social development. Information about specific courses and credit-hour requirements is available on the KU Edwards campus Web site, from the Department of Psychology, or from Dan Mueller, KU Edwards Campus, (913) 897-8659, [dmueller@ku.edu](mailto:dmueller@ku.edu).

Standards for admission to the developmental psychology program are consistent with those for admission to the psychology major on the Lawrence campus. Students may apply to the major after completing 30 semester hours of college course work with an overall grade-point average of at least 2.0. Students must have completed PSYC 104 General Psychology (or

equivalent) and PSYC 333 Child Psychology (or equivalent), and must take either PSYC 300 Statistics in Psychological Research or PSYC 310 Research Methods in Psychology with a grade-point average of at least 2.5 in these courses.

**Required Courses.** A total of 30 hours is required.

**Level I** (9 hours). PSYC 300 Statistics in Psychological Research, PSYC 310 Research Methods in Psychology, and PSYC 333 Child Psychology

**Level II** (6 hours). PSYC 430 Cognitive Development and PSYC 435 Social and Personality Development

**Level III** (9 hours, any three of the following courses). PSYC 480 Independent Study\*, PSYC 490 Theories and Concepts of Child Development, PSYC 510 Infant Behavior and Development, PSYC 520 Memory and Eyewitness Testimony in Children, PSYC 531 Language Development, PSYC 535 Developmental Psychopathology, PSYC 626 Psychology of Adolescence, PSYC 642 The Psychology of Families, PSYC 691 The Psychology of Aging

\*No more than 3 credit hours of PSYC 480 may be applied toward the first 30 hours of the major.

**Elective Courses** (6 hours). Any 6 hours of psychology courses numbered higher than 300 meet the elective course requirement.

**Preparation for Graduate Study.** Students who plan to apply for graduate work in psychology should supplement their beginning course in statistics (PSYC 300 or PSYC 301) and methodology course (PSYC 310) with a laboratory course (e.g., PSYC 618, PSYC 620, PSYC 622, or PSYC 624). Statistics (PSYC 300) and methods (PSYC 310) should be taken as early as possible in the undergraduate education. The laboratory course should be completed during the junior or senior year.

**Honors.** Students may inquire about admission to the honors program as soon as they are admitted to the major. Participation usually begins in the junior year. Normally a 3.25 grade-point average overall and a 3.5 grade-point average in psychology courses are required. Students follow individualized courses of study arranged through the director. Students who complete PSYC 460, individual research, and a paper under the direction of an instructor graduate with honors.

### Social and Behavioral Sciences Methodology Minor

The minor in social and behavioral sciences methodology gives undergraduate students a broadened and coordinated platform for advanced training in research methodology and practical research experience. Students minoring in SBSM have an opportunity to receive advanced training in quantitative and qualitative methods as applied in the behavioral and social sciences. This minor allows students to develop graduate-level expertise in applied statistical methods. Students who graduate with this minor acquire skills that significantly enhance their career opportunities in areas related to their primary major (e.g., sociology, political science, psychology, a foreign language).

**Prerequisites for the Minor.** Because of the structure of the requirements, students should begin the minor at the end of the sophomore year or the beginning of the junior year. A minimum grade-point average of 3.0 is recommended for admission, but this is not required.

Students must have completed a course in elementary statistics before beginning the SBSM minor (e.g., COMS 356; MATH 365, MATH 526; POLS 306; PSYC 300; PUAD 332; SOC 510). Any equivalent course may be approved with the consent of the program director, Todd D. Little, [yhat@ku.edu](mailto:yhat@ku.edu).

**Requirements for the Minor.** Students must complete a minimum of 18 hours of course work and research experience (minimum 3 hours of directed reading/independent study and/or research practicum). The sum of these credit hours is realized when the following requirements are fulfilled:

1. A year-long required sequence in the fundamentals of statistical analysis: PSYC 650 and PSYC 651.
2. A minimum of 3 hours of guided research units within the context of a faculty mentor's research program.

**The Lied Center season presents the Concert Series, Swarthout Music Series, New Directions Series, Broadway Series, Lied Family Series, and World Series, bringing outstanding performers to KU each year.**

**It is the responsibility of each student to meet degree requirements.**



3. At least one additional 600-level course on a more specialized methodological topic (3 credit hours, minimum). The specific course(s) to be taken are determined based on the student's research needs (point 2 above) and overall career objectives.

Only one course taken to fulfill the requirements of the minor may be used to fulfill requirements of the student's major.

### ■ Psychology Courses

**PSYC 102 Orientation Seminar in Psychology** (1). S Provides an overview of the discipline of psychology. Emphasizes developing an understanding of opportunities in psychology at the University of Kansas, exploring service-learning options related to the major, and helping students plan goals for their education through an understanding of their personal values and options within and outside the discipline. Open to KU-degree-seeking students only. Contact the Psychology Department to enroll in the course. Non-degree-seeking and non-KU students may enroll in the course by signing up with KU Continuing Education. Graded on a satisfactory/unsatisfactory basis. LEC

**PSYC 104 General Psychology** (3). SI S A basic introduction to the science of psychology. LEC

**PSYC 105 General Psychology, Honors** (3). SI S Open to students in College or Departmental Honors programs or by permission of instructor. LEC

**PSYC 120 Personality** (3). SI S An introductory survey of personality theories, development, assessment and current research. LEC

**PSYC 121 Personality, Honors** (3). SI S Open to students in College or Departmental Honors programs or by permission of instructor. LEC

**PSYC 202 Study Abroad Topics in:** \_\_\_\_ (1-4). S This course is designed for the study of special topics in Psychology. Course work must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC

**PSYC 299 Conceptual Issues in Psychology** (3). S This course examines classic issues in psychology—free-will and determinism, nature and nurture, the mind-body problem, approaches to human action, cultural influences on psychological theories, the evolution of intellectual paradigms, and inductive and deductive approaches to social scientific research—from multiple perspectives within psychology and related social sciences. Prerequisite: PSYC 104 or equivalent. LEC

**PSYC 300 Statistics in Psychological Research** (3). S An introduction to statistical concepts and methods as they relate to analysis and interpretation of psychological data. All majors in psychology are required to complete this course (or PSYC 301) and must do so before applying for admission to the major. Students should complete this course as early as possible in their undergraduate training. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC

**PSYC 301 Statistics in Psychological Research, Honors** (3). S Open to students in College and Departmental Honors programs or by permission of instructor. Not open to students who have taken PSYC 300. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC

**PSYC 310 Research Methods in Psychology** (3). S An examination of the scientific "ways of knowing" employed by psychologists to discover the laws governing human behavior across a wide domain. The focus of the course is upon these methods and the statistical techniques that support them. This course is strongly recommended for students planning to continue their study of psychology in graduate school. All majors in psychology are required to complete this course. Students should complete this course as early as possible in their undergraduate training. LEC

**PSYC 318 Cognitive Psychology** (3). S An introduction to contemporary research and theory in human learning and memory, relevant perceptual processes, and higher functions such as language. Prerequisite: PSYC 104. LEC

**PSYC 319 Cognitive Psychology, Honors** (3). S Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104. LEC

**PSYC 333 Child Psychology** (3). S Psychological development of the child from conception to adolescence; emphasis upon social and cognitive changes as these relate to intrapersonal changes and to environmental conditions. Prerequisite: PSYC 104. LEC

**PSYC 334 Child Psychology, Honors** (3). S Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104. LEC

**PSYC 350 Abnormal Psychology** (3). S An examination of psychopathology including anxiety disorders, psycho-physiological disorders, affective disorders, and schizophrenic disorders. Disorders are considered from psychodynamic, behavioral, cognitive, and biological perspectives. Prerequisite: PSYC 104. LEC

**PSYC 351 Abnormal Psychology, Honors** (3). S Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104. LEC

**PSYC 360 Social Psychology** (3). S An introduction to the psychology of social behavior. Systematic consideration of such concepts as social influence, conformity and deviation, social attitudes and prejudice, socialization and personality, communication and propaganda, morale, and leadership. Prerequisite: PSYC 104. LEC

**PSYC 361 Social Psychology Honors** (3). S Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104. LEC

**PSYC 370 Brain and Behavior** (3). N A survey of basic topics relating to the biological bases of behavior, including the physiology of neuronal and synaptic transmission, neurochemistry, and neuropharmacology. This survey will be followed by lectures on selected topics within the area of brain and behavior such as motivation, appetite, reward, language, and left-right hemispheric differences. Prerequisite: An introductory course in Psychology and an introductory course in Biology. LEC

**PSYC 371 Brain and Behavior, Honors** (3). N Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: An introductory course in psychology and an introductory course in biology. LEC

**PSYC 380 Brain and Pathology** (3). N The organization and function of the nervous system as it relates to topics of interest to psychologists, including pain, anxiety, stress, sleep, depression, schizophrenia, akinetic and dyskinetic movement disorders, and senile dementia. Prerequisite: An introductory course in psychology and an introductory course in biology. LEC

**PSYC 381 Brain and Pathology, Honors** (3). N Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: An introductory course in psychology and an introductory course in biology. LEC

**PSYC 402 Study Abroad Topics in:** \_\_\_\_ (1-4). S This course is designed for the study of special topics in Psychology equivalent to courses at the 300 to 600 level at KU. Course work must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC

**PSYC 405 Children and Media** (3). U The applied study of child development theories and research methods on the influences and effects of television and related visual media on childhood in the contexts of families, schools, and society. (Same as ABSC 405 and TH&F 405.) LEC

**PSYC 406 Individual Differences** (3). S A survey of the nature and sources of differences in human behavior and a consideration of the consequences of these differences for society. Prerequisite: PSYC 104. LEC

**PSYC 410 Intimate Relationships** (3). S A social psychological perspective on adult intimate relationships, examining friendship, dating, committed relationships, and the dissolution of committed relationships. Topics include romance, jealousy, self-disclosure, power, loneliness, and social support. Discussion of heterosexual and homosexual relationships, traditional forms (e.g., marriage) of relationships as well as alternative lifestyles (e.g. cohabitation) and gender-linked differences in relationships. Prerequisite: PSYC 104. LEC

**PSYC 412 Introduction to Motivation and Emotion** (3). S An examination of contemporary concepts, theories, and research in motivation. Prerequisite: PSYC 360, 361, 370 or 371, or consent of instructor. LEC

**PSYC 415 Social and Cultural Sources of Self** (3). S An interdisciplinary exploration of the social and cultural sources of self-experience. The first part of the course emphasizes a general process: how the development and experience of self, though it might seem essentially personal, is shaped by social interaction. The second part of the course highlights particular cases: how self-experience may be constructed differently depending on the particular social and cultural settings a person inhabits. Cases include influences of gender, socioeconomic status, and age group on the construction of self-experience within societies from around the world, and ethnic-identity groups within the U.S.A.. Prerequisite: PSYC 104. LEC

**PSYC 418 Introduction to Cognitive Science** (3). S Examines the data and methodologies of the disciplines that comprise Cognitive Science, an interdisciplinary approach to studying the mind and brain. Topics may include: consciousness, artificial intelligence, linguistics, education and instruction, neural networks, philosophy, psychology, anthropology, evolutionary theory, cognitive neuroscience, human-computer interaction, and robotics. (Same as LING 418, PHIL 418, and SPLH 418.) Prerequisite: Consent of instructor. LEC

**PSYC 420 Fundamentals of Personality** (3). S Clinical application of personality theories; personality development and assessment research. Prerequisite: PSYC 104. LEC

**PSYC 422 Intelligence and Cognition** (3). S A survey of the relationship of individual variation in intelligence to contemporary cognitive theory. Discussion is included of procedures for identifying measurable aspects of intelligence and for measuring individual cognitive variation. Prerequisite: PSYC 104. LEC

**PSYC 427 Introduction to Psychological Measurement** (3). S An introduction to the basic methods used in measuring psychological variables, constructs, traits, and attitudes via item inventories. Concepts to be covered include reliability, validity, and item analysis. As part of the course requirements, students will have the opportunity to create and critique an original psychological inventory. Prerequisite: PSYC 104 or equivalent, and PSYC 300 or equivalent. LEC

**PSYC 430 Cognitive Development** (3). S A basic survey course in the development of thinking and understanding in normal children. The course will cover Piaget's theory and information processing theories at the advanced undergraduate level. Topics include perception, attention, learning, memory, language, problem solving, and individual differences from birth to the mid-teens. Prerequisite: PSYC 104 or ABSC/HD/DFL 160. LEC

**B.A. and B.G.S. degree programs in Developmental Psychology are offered on KU's Edwards Campus in Overland Park. Call the CLAS undergraduate adviser at 864-8659 (from Lawrence) or (913) 897-8659 (outside of Lawrence) for information.**

**For information about the KU Edwards Campus, 12600 Quivira Rd., Overland Park, KS 66213-2402, call (from Lawrence): 864-8400 or (913) 897-8400, <http://edwardscampus.ku.edu>.**

**PSYC 432 Human Behavioral Genetics** (3). S A survey of human behavioral genetics for upper division undergraduates. Emphasis is on how the methods and theories of quantitative, population, medical, and molecular genetics can be applied to individual and group differences in humans. Both normal and abnormal behaviors are covered, including intelligence, mental retardation, language and language disorders, communication, learning, personality, and psychopathology. (Same as ANTH 447, BIOL 432, SPLH 432.) Prerequisite: Introductory courses in biology/genetics or biological anthropology and psychology are recommended. LEC

**PSYC 435 Social and Personality Development** (3). S An introduction to social and personality development with consideration of both classic and contemporary theoretical viewpoints. The role of social contexts is considered (e.g., family, peers, communities), as well as biological influences (e.g., behavioral genetics). Topics include parent-infant attachment, peer relationships, aggression, etc. Prerequisite: PSYC 104. LEC

**PSYC 440 The Afro-American Family: A Psychological Approach** (3). S The examination of the structure, values, and behavior patterns of the contemporary Afro-American family as influenced by African cultures and kinship systems and the institution of slavery in association with other factors. Social and psychological forces that have enhanced or blocked family survival, stability, and advancement will be explored. The orientation to black family life will emphasize its strengths, weaknesses, adaptations, strong kinship bonds, and egalitarian family roles. (Same as AAAS 440.) LEC

**PSYC 449 Laboratory/Field Work in Human Biology** (1-3). N Faculty supervised laboratory or field research for Human Biology majors. Students design and complete a research project in collaboration with a Human Biology faculty member. (Same as ANTH 449, BIOL 449, and SPLH 449.) Prerequisite: Consent of instructor and Human Biology major. FLD

**PSYC 453 Psychological Foundations of Musical Behavior** (3). S Study of human musical behavior, including basic psychoacoustic phenomena, musical taste, functional music, musical ability, cultural organization of musical sounds, and the affective response. Prerequisite: General Psychology, MEMT 370, or consent of instructor. LEC

**PSYC 460 Honors in Psychology** (1-2). S A seminar for juniors and seniors in the Honors Program in Psychology. Students who have been admitted to the Honors Program in Psychology may enroll for one credit for one or both semesters of their junior year and are required to enroll for two credits for both semesters in their senior year. IND

**PSYC 465 Stereotyping and Prejudice Across Cultures** (3). S This course will cover a variety of theoretical views concerning the origins of stereotypes, the factors that maintain them, as well as how and when the revision of such beliefs take place. Analysis of various stereotypes (including gender and race) and the experience of prejudice across a variety of cultural contexts will be examined. Many difficult social issues will be discussed in depth. Prerequisite: PSYC 360 or 361; or consent of instructor. LEC

**PSYC 468 Psychology of Women** (3). S A survey of the psychological theories about women; similarities and differences in behavior of women and men; the effects of biological and social factors on the behavior of women and men; and issues of concern to women of different races, sexual orientations, ages, and so forth. (Same as WS 468.) Prerequisite: PSYC 104 or WS 201. LEC

**PSYC 470 Introduction to Contemporary Psychotherapies** (3). S Review of current psychotherapies with special references to their underlying philosophies, theories of personality, techniques, and effectiveness. Issues concerning the use of drugs in the treatment of mental disorders are also reviewed. Prerequisite: PSYC 104. LEC

**PSYC 472 Psychology of Sleep and Dreaming** (3). S This course reviews recent evidence on the roles of dreaming and dreamless sleep. Psychological, developmental, personality, and social psychological aspects are considered. Prerequisite: PSYC 104. LEC

**PSYC 475 Cognitive Neuroscience** (3). S The neurobiology of higher mental processes such as perception, attention, learning, memory, thinking, and language, as studied by techniques such as recording from individual neurons, electrical brain stimulation, brain damage, and brain scans and measurements of regional cerebral blood flow in conscious people. Emphasis will be placed on in-class analysis of original research articles. Prerequisite: One of the following courses—PSYC 318, 319, 370, 371, 380, or 381; or consent of instructor. LEC

**PSYC 480 Independent Study** (1-5). U Investigation of a special research problem or directed reading in an area not covered in regular courses. No more than 3 hours of PSYC 480 may be counted toward the 30 hours required for the major. Prerequisite: Consent of instructor. IND

**PSYC 481 Research Practicum** (1-5). Guided participation in ongoing research programs to augment quantitative skills through direct practicum experience. No more than 3 hours of PSYC 481 may be counted toward the 33 hours required for the major. Prerequisite: PSYC 300 or PSYC 310 or consent of instructor. RSH

**PSYC 482 Sensation and Perception** (3). S Introduction to human sensory and perceptual capabilities. Topics include: sensory systems, perceptual development, and perceiving color, objects, space, movement, sound, speech, touch, smell, and taste as well as various perceptual illusions. Prerequisite: PSYC 104. LEC

**PSYC 483 Undergraduate Internship in Psychology** (1-3). U Students conduct psychology focused fieldwork in an organization related to their professional/career goals. Credit hours are determined on the basis of 3 hours per week in internship related activities for 16 weeks for each credit hour earned, or the equivalent total number of hours (48 hours). An internship plan (contract) is developed by the student in conjunction with the student's academic adviser and signed off by the academic adviser and an authorized agent of the internship site. At the conclusion of the internship experience, the authorized agent of the internship site writes the academic adviser indicating that the student has met the goals of the internship plan and the hours required. Prerequisite: Admission to the Psychology major. FLD

**PSYC 490 Theories and Concepts of Child Development** (3). S An advanced course in the theories and basic concepts of child development. Coverage includes: (a) analyses of the general logic, assumptions, and principles of the five major approaches: normative-maturation, psychoanalytic, social learning theory, cognitive-

developmental, and behavior analysis; (b) historical background of developmental theory; (c) social-cultural influences on theory construction; and (d) some cross-cultural perspectives. Not open to students previously enrolled in HDL 290. Prerequisite: PSYC 104, or HDL 160, HDL 161, HDL 432, or consent of instructor. LEC

**PSYC 492 Psychology and Social Issues** (3). S A study of psychological aspects of selected social issues in contemporary American society. Race relations and the civil rights movement. Political extremism. Public opinion and social change. Social psychological approaches to a variety of social problems. Prerequisite: PSYC 360 or 361, or consent of instructor. LEC

**PSYC 500 Intermediate Statistics in Psychological Research** (3). U A second course in statistics with emphasis on applications. Analysis of variance, regression, analysis, analysis of contingency tables; possibly selected further topics. Prerequisite: Grade of B or better in PSYC 300. LEC

**PSYC 502 Human Sexuality** (3). S An introduction to the field of human sexuality. Topics to be covered include sexual anatomy and physiology, fertilization, pregnancy, birth and lactation, contraception, human sexual response, sexuality across the life cycle, love, marriage, alternatives to marriage, sexual orientation, sex differences in behavior, parenthood, sexually transmitted diseases, sex and the law, and sex education. Prerequisite: PSYC 104. LEC

**PSYC 506 Psychology and the Actor** (3). H The relationship of psychological theory and empirical data to the actor's craft. Topics include theatrical and psychological motivation, social psychology of the actor, application of psychodynamics to character analysis, psychology of the act of acting, and personality of the actor. (Same as TH&F 506.) Prerequisite: PSYC 104 and TH&F 106, or permission of instructor. LEC

**PSYC 510 Infant Behavior and Development** (3). S General lecture course to survey the growing literature on factors that affect behavior and development of the human infant. Course will review current theoretical orientations to explain infant development. It will include the following: behavior of the newborn; normal behavioral repertoire that develops over the first two years; assessment of infant behavior by traditional testing as well as in laboratory settings; current knowledge and issues with regard to visual, auditory, receptive language, learning, and social behavior in infants. There will be discussions of the effects of intervention programs and of ethical issues. Prerequisite: ABSC/HDFL 160 or ABSC/HDFL 432 or PSYC 602. LEC

**PSYC 511 Laboratory Research in Infant Behavior** (3). S Optional course for students currently enrolled in PSYC 510 or may be taken after completion of PSYC 510. Will offer students practical experience in an infant research laboratory. Students must spend a minimum of nine hours a week (on three different half days) in laboratory. They will learn to observe and record infant behavior, to handle data from experiments and participate in the planning and discussion of laboratory research. Acquaintance with and involvement in the issues of obtaining informed consent and ethical aspects of infant research will be included. Prerequisite: Current enrollment or previous enrollment in PSYC 510 and consent of instructor. LAB

**PSYC 518 Human Memory** (3). S In-depth coverage of human memory phenomena, including phenomena concerning acquisition, storage and retrieval, unconscious forms of memory, memory monitoring and control, and practical aspects of memory such as autobiographical memory, mnemonic techniques and eyewitness memory. Prerequisite: PSYC 104. LEC

**PSYC 520 Memory and Eyewitness Testimony in Children** (3). S A review of the literature on the development of memory in young children, and the implications of this research for understanding children's eyewitness testimony. The course will present current research on children's long-term memory abilities, the impact of stress on recall performance, the effectiveness of various types of interviewing techniques, and the suggestibility of children's recollections. Policy issues and potential guidelines for the elicitation and evaluation of children's memory reports in both clinical and legal arenas will be discussed. Prerequisite: PSYC 104 or ABSC/HDFL 160, or consent of instructor. LEC

**PSYC 531 Language Development** (3). S Introduction to the study of language development; emphasis on the psychological processes underlying syntactic, semantic, and pragmatic aspects of language development in children. Prerequisite: One of the following courses—PSYC 318, 319, 333, or 334; or consent of instructor. LEC

**PSYC 535 Developmental Psychopathology** (3). S A review of the literature on contemporary psychological and developmental disorders of children and youth. Course will present current models of psychopathology, classification systems, assessment methods, and treatment approaches designed for the individual, the family, and the community. Specific attention will be given to age, gender, and cultural differences and similarities. Topics include: anxiety disorders, oppositional behavior disorders, physical/sexual abuse, learning disabilities, and autism. (Same as ABSC 535.) Prerequisite: ABSC/HDFL 160, PSYC 333, or consent of instructor. LEC

**PSYC 536 The Psychology of Language** (3). S A survey of recent research on psycholinguistics covering the perception, production, and comprehension of language. Topics include: the biological basis for language, the nature of comprehension processes, and memory for the syntactic, semantic, and pragmatic components of language. Prerequisite: One of the following courses—PSYC 318, 319, 333, or 334; or consent of instructor. LEC

**PSYC 545 Culture and Psychology** (3). S The course considers the relationship between culture and psyche. One theme throughout the course involves revealing the cultural grounding of psychological functioning. The second and complementary theme involves identifying the psychological processes involved in the phenomenon of culture. Prerequisite: PSYC 333, 334, 360 or 361 or consent of instructor. LEC

**PSYC 550 Psychology of Reading** (3). S A survey of psychological processes relevant to normal, adult reading, learning to read, and specific reading disabilities. These include visual perception and information processing, the structure of knowledge within the human memory system, and linguistic competence. Prerequisite: PSYC 318 or 319, or consent of instructor. LEC

**PSYC 555 Evolutionary Psychology** (3). S A review of evolutionary theory and its application to human personality, cognition, interpersonal relationships, family dynamics, and development. Prerequisite: PSYC 104 and at least 3 additional hours in Psychology, or consent of instructor. LEC

**PSYC 565 Applied Developmental Psychology** (3). S An advanced study of the application of theories and concepts of developmental and behavioral psychology to a range of specific issues and problems of childhood and adolescence. This course will rely heavily upon the empirical research literature. Topics include contemporary social issues and child development, research in applied settings, assessment, intervention, and prevention, as well as program evaluation. (Same as ABSC 565.) Prerequisite: ABSC/HDFL 160 or PSYC 333, and ABSC/HDFL/ PSYC 535. LEC

**PSYC 566 Psychology and the Law** (3). S An application of psychological processes and concepts to the American legal system. Among the topics covered are the socialization of legal attitudes, opinions about the purposes of the criminal justice system and especially of prisons, the concept of "dangerousness," the nature of jury decision making, and the rights of prisoners, patients, and children. LEC

**PSYC 570 Group Dynamics** (3). S A study of the processes underlying the dynamics of the group, including the observation of group phenomena and a consideration of their relation to research findings. Prerequisite: PSYC 360 or 361, or consent of instructor. LEC

**PSYC 572 Psychology and International Conflict** (3). S A study of psychological approaches to analysis and intervention in the field of international conflict and peace-making. Focus on major contributions and important paradigms for explanation and action. Prerequisite: PSYC 360 or consent of instructor. Background study in international relations or recent world history desirable. LEC

**PSYC 575 Psychology of HIV/AIDS** (3). S This course examines psychological issues related to HIV and AIDS, with special emphasis on the past, current, and potential roles of psychology in the HIV epidemic. Course material is drawn from subdisciplines of psychology and related fields. Prerequisite: PSYC 104 and PSYC 300, or consent of instructor. LEC

**PSYC 578 Social Attitudes** (3). S An introduction to the study of attitudes focusing on problems of measurement and on empirical findings and theories of attitude acquisition and change. Prerequisite: PSYC 360, 361, or consent of instructor. LEC

**PSYC 581 Psychology of Religion** (3). S Consideration of the psychological antecedents of religious experience, the nature of religious experience, and the behavioral consequences of religion. Focus will be on psychological theory and research relevant to religious thought, feeling, belief, and behavior. (Same as REL 581.) Prerequisite: PSYC 104. LEC

**PSYC 590 Nonverbal Communication** (3). S Examination of non-linguistic behavior in human communication, including proxemics (spacing), kinesics (movement and expression), and paralinguistics (voice quality). Includes phylogenetic and developmental perspectives, methods of analysis, applications to interpersonal problems. (Same as COMS 590.) Prerequisite: COMS 356 or PSYC 300. LEC

**PSYC 592 Psychological Significance of Physical Illness and Disability** (3). S A lecture course to help students become more aware of and responsive to the psychological needs of persons with physical illnesses or disabilities. Emphasis is upon the meanings of such conditions in individuals' lives and the effects of treatment and rehabilitation settings on psychological adaptation. Prerequisite: PSYC 104. LEC

**PSYC 598 Positive Psychology** (3). S An introduction to the core assumptions and research findings associated with human strengths and positive emotions. Also an exploration of interventions and applications informed by positive psychology in counseling and psychotherapy, and its application to school, work, family and other close relationships. Prerequisite: PSYC 104 or consent of instructor. LEC

**PSYC 602 Basis and Nature of Individuality** (3). S Individuality in cognitive and personality attributes is surveyed, and analyzed by current psychological theory. The course includes topics on the structure of intellect and personality, cognitive theory, brain research and behavior genetics as relevant to the understanding of individuality. Prerequisite: An introductory course in psychology. LEC

**PSYC 604 Psychological Tests** (3). S A survey of psychological tests and testing methods. Critical evaluation in the light of history and theory of psychology. Prerequisite: PSYC 104. LEC

**PSYC 605 Health Psychology** (3). S Review of research and theory concerning the role of psychological factors in the development of physical illness and the contribution of psychologists to the treatment and prevention of physical illness. Prerequisite: PSYC 104. LEC

**PSYC 608 Sex Role Development** (3). S An examination of the theory and literature on sex role development in childhood, adolescence, and adulthood. Particular attention is given to approaches stressing androgyny and variations on traditional roles. Processes of socialization into both traditional and non-traditional roles are stressed. Literature on females is emphasized, but male sex role development is also covered. Prerequisite: PSYC 104 or HDFL 160. LEC

**PSYC 610 Advanced Personality** (3). S A survey of selected topics in the area of personality (e.g., defense mechanisms, aggression, interpersonal relations). Prerequisite: PSYC 120 or PSYC 420 or consent of instructor. LEC

**PSYC 613 History and Systems in Psychology** (3). S A survey of the historical development of modern theoretical systems in psychology. Prerequisite: PSYC 104, plus twelve hours in psychology. LEC

**PSYC 614 Basic Processes of Visual Perception** (3). S An examination of current theories and experimentation in perception, with some historical perspective. Prerequisite: PSYC 104. LEC

**PSYC 616 Foundations of Learning** (3). S A consideration of experimental findings and theories concerning classical and instrumental conditioning. Prerequisite: PSYC 104. LEC

**PSYC 618 Experimental Psychology: Human Learning** (6). S Lectures and laboratory research on human information processing as related to theories of word recognition,

reading, and language comprehension. Major emphasis on experimental design, data analysis, interpretation, and scientific writing. Prerequisite: PSYC 104 and PSYC 300. LEC

**PSYC 620 Experimental Psychology: Sensation, Perception, and Cognition** (6). S Lectures and laboratory work on human sensory processes and how they result in perceptions of the environment. Experience is provided in designing and implementing research as well as in the skills necessary for statistical analysis, interpretation of data, and scientific writing. Prerequisite: PSYC 104 and PSYC 300. LEC

**PSYC 622 Experimental Psychology: Social Behavior** (6). S Lectures, laboratory and field work on various issues in research in social psychology (e.g., conformity, attitude change, social processes). Two two-hour periods a week and appointment for research. Prerequisite: PSYC 104, PSYC 360, and PSYC 300. LEC

**PSYC 624 Experimental Psychology: Clinical Psychology** (6). S Lectures and laboratory research on contemporary issues in clinical psychology. Emphasis on experimental design, data analysis, interpretation of data, and scientific writing. Prerequisite: PSYC 104 and PSYC 300. LEC

**PSYC 625 Experimental Psychology: Cognitive Neuropsychology** (6). U Lectures and laboratory work on human cognition and cognitive neuropsychology research methods. Overview of current central and peripheral nervous system psychophysiological tools. Experience in designing and implementing cognitive neuropsychology research. Prerequisite: PSYC 104 or consent of instructor. LEC

**PSYC 626 Psychology of Adolescence** (3). S Impact of factors of social environment and physical growth upon psychological development from puberty to young adulthood. (Same as ABSC 626.) Prerequisite: PSYC 104, PSYC 333, or HDFL/ABSC 160. LEC

**PSYC 630 Clinical Psychology** (3). S The historical and empirical foundations of clinical psychology. Significant trends in theory, research, and social organization which have shaped clinical practice. A review of clinical practice. Prerequisite: PSYC 104. LEC

**PSYC 632 Advanced Child Behavior and Development** (3). S An advanced course in child development that includes a survey of the field's principles and theoretical approaches, and current issues in research and practice. Topics will include: prenatal development, cognition and language, social-emotional development, socialization influences in childhood, developmental psychopathology, and social policies. (Same as ABSC 632.) Prerequisite: ABSC/HDFL 160, PSYC 333, or instructor permission, and senior or graduate status. LEC

**PSYC 642 The Psychology of Families** (3). S Study of the family as a psychosocial system. Emphasis is placed on factors affecting contemporary families including family structures, development, communication patterns, disorders, and treatment approaches. Theory, empirical evidence, and practical principles that may lead to maximizing individual growth in the family unit are discussed. Prerequisite: PSYC 104. LEC

**PSYC 646 Mental Health and Aging** (3). S Reviews recent research and application in the field of mental health and aging. Theoretical perspectives appropriate for understanding mental health issues with increased age are discussed. The epidemiology, assessment, diagnosis, and treatment methods associated with a variety of mental health conditions are surveyed. The community mental health resources available for older adults are discussed as well as practically-related issues such as evaluations of functional independence and competency among older adults. Prerequisite: PSYC 104 or consent of instructor. LEC

**PSYC 650 Statistical Methods in Behavioral and Social Science Research I** (4). S Elementary distribution theory; t-test; simple regression and correlation; multiple regression and multiple correlation; curvilinear regression; logistic regression; general linear model. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 790 will have different course requirements. Prerequisite: A grade of B or better in a beginning course in statistics (e.g., PSYC 300, MATH 365, POLS 306, COMS 356, SOC 510, or equivalent) is recommended, or consent of instructor. LEC

**PSYC 651 Statistical Methods in Behavioral and Social Science Research II** (4). S Continuation of PSYC 650. One-way analysis of variance, linear trends, contrasts, post hoc tests; multi-way analysis of variance for crossed, blocked, nested, and incomplete design; analysis of covariance; repeated measures analysis of variance; general linear model. Applications across the social, educational, and behavior sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 791 will have different course requirements. Prerequisite: A grade of B or better in PSYC 650 or equivalent is recommended, or consent of instructor. LEC

**PSYC 652 Behavior Therapy** (3). S A review of the principal techniques of behavior therapy, exclusive of operant-based therapies. Emphasis upon systematic desensitization, implosion, assertion training, and modeling techniques. Special attention given to outcome research relevant to the effectiveness of these techniques. Recommended: A course in abnormal psychology. Prerequisite: PSYC 104. LEC

**PSYC 660 Values and Caring** (3). S Exploration of the psychological implications of caring for or valuing oneself, experiences, other people, ideas, and causes. Topics include the nature, sources, and consequences of values, as well as their relation to goals, emotions, motives, and behavior. LEC

**PSYC 662 Industrial and Organizational Psychology** (3). S An examination of the psychological aspects of work and organizational life including study of theory and application in areas of motivation, performance, well-being, leadership, group, and organization environments. Special attention to theory and method in selection, training, and organization development. Project work. An introductory course in statistics is recommended. Prerequisite: PSYC 104. LEC

**PSYC 668 Fundamentals of Psychoanalytic Psychology** (3). S A general survey of the principles of psychoanalysis as a psychological system. Prerequisite: PSYC 104. LEC

**PSYC 670 Theories of Personality** (3). S Traces the development of modern approaches to the understanding of personality and examines in detail the major theoretical systems proposed to explain personality structure and dynamics. Prerequisite: PSYC 104. LEC

**PSYC 678 Drugs and Behavior** (3). S A survey of the methods used to study the effects of drugs on behavior, and of the effect of selected drugs on behavior, particularly the narcotics, hallucinogens, and drugs used in the treatment of mental illness. Prerequisite: PSYC 104. LEC

**PSYC 685 Human Factors Psychology** (3). S Research techniques and methods useful in quantifying parameters of human performance that affect system functioning. Special emphasis is placed on modeling visual, auditory, and orienting systems and on human information processing. Prerequisite: PSYC 300 or consent of instructor. LEC

**PSYC 689 Conceptual Issues in Human Sexuality** (3). S An examination of the social construction of sexuality and research methods and issues relevant to sexuality. These concepts are applied to various topics, such as defining and conceptualizing sex and gender, sexual dysfunction, sexual orientation, the social control of sexuality, sexual coercion and abuse, and abstinence-only sex education. The course does not cover anatomical or physiological aspects of sexuality. (Same as WS 689.) Prerequisite: PSYC 104 or WS 201. LEC

**PSYC 690 Seminar:** \_\_\_\_\_ (1-5). U Discussion of current problems in psychological theory and research. Prerequisite: PSYC 104 and sophomore status. LEC

**PSYC 691 The Psychology of Aging** (3). S Social, psychological, and economic adjustments required by aging; changes in cognition, role and personality necessitated by advancing age. Prerequisite: PSYC 300 or 301 and one of the following—PSYC 318, 319, 350, 351, 360, 361, 370, 371, 380, or 381; or graduate standing; or consent of instructor. LEC

**PSYC 692 Test Theory** (4). S An introductory course that takes a unified approach (from classical and modern test theory) to the topic of measurement in the behavioral and social sciences. Content covered includes the construction and administration of psychological tests (e.g., intelligence, achievement, and personality; practice in test construction, administration, and validation; and how to assess the reliability and generalizability of an instrument. Applications across the social and behavior sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 892 will have different course requirements. Prerequisite: A grade of B or better in PSYC 650 and PSYC 651 or equivalent is recommended, or consent of instructor. LEC

**PSYC 693 Multivariate Analysis** (4). S Introduction to the central methods used in the analysis of multivariate data. Includes linear transformations, multivariate analysis of variance, multivariate multiple regression, discriminant analysis, canonical correlation, factor analysis, and an introduction to methods for clustering and classification. Applications across the behavior and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 893 will have different course requirements. Prerequisite: A grade of B or better in PSYC 650 and PSYC 651 or equivalent is recommended, or consent of instructor. LEC

**PSYC 694 Multilevel Modeling I** (4). S Introduction to statistical methods for modeling multilevel (hierarchically structured) data. Topics include a review of ordinary least squares regression analysis, random effects ANOVA, intraclass correlation, multilevel regression, testing and probing interactions, maximum likelihood estimation, model assumptions, model evaluation, and the analysis of longitudinal data. Emphasis will be on the theory underlying multilevel modeling techniques and hands-on application using software. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 894 will have different course requirements. Prerequisite: A grade of B or better in PSYC 650 and PSYC 651 or equivalent is recommended, or consent of instructor. LEC

**PSYC 695 Categorical Data Analysis** (4). S Introduction to multivariate analyses of count data, including error models, statistical inference, loglinear models, logit models, logistic regression, homogeneity, symmetry, and selected other topics. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 895 will have different course requirements. Prerequisite: A grade of B or better in PSYC 650 and PSYC 651 or equivalent is recommended, or consent of instructor. LEC

**PSYC 696 Structural Equation Modeling I** (4). S Introduction to statistical methods for modeling latent variables. Topics include a review of latent variables, covariance structures analysis, mean structures analysis, confirmatory factor analysis (CFA), structural equation modeling (SEM), multiple group CFA, longitudinal CFA, longitudinal SEM, and hierarchical CFA. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 896 will have different course requirements. Prerequisite: A grade of B or better in PSYC 650 and PSYC 651 or equivalent is recommended, or consent of instructor. LEC

**PSYC 704 Research Practicum in Clinical Child Psychology** (3).

**PSYC 706 Special Topics in Clinical Child Psychology:** \_\_\_\_\_ (3).

**PSYC 710 Feminist Issues in Psychology** (3).

**PSYC 723 Advanced Cognitive Psychology** (3).

**PSYC 725 Cognitive Neuroscience** (3).

**PSYC 735 Psycholinguistics** (3).

**PSYC 737 Psycholinguistics II** (3).

**PSYC 750 Advanced Seminar in Gender Identity and Sexual Orientation** (3).

**PSYC 757 Theories of Perception** (3).

**PSYC 766 Forensic Psychology** (3).

**PSYC 774 Advanced Social Psychology I** (3).

**PSYC 775 Advanced Social Psychology II** (3).

**PSYC 777 Social Psychology: Theory, Research, and Clinical Applications** (3).

**PSYC 779 Physiological Aspects of Health and Disease** (3).

**PSYC 782 Research Methods in Child Language** (3).

**PSYC 784 Proseminar in Communication and Aging** (1).

**PSYC 787 Gerontology Proseminar** (3).

**PSYC 790 Statistical Methods in Psychology I** (4).

**PSYC 791 Statistical Methods in Psychology II** (4).

**PSYC 792 Computer Analysis of Psychological Data** (3).

**PSYC 795 Computing and Psychology** (3).

**PSYC 796 Computer Models of Brain and Behavior** (3).

**PSYC 797 Advanced Programming Techniques for Psychological Research** (3).

**PSYC 798 Introduction to Mathematical Methods in Psychology** (3).

**PSYC 799 Proseminar in Child Language** (2).

## Public Administration

Chair: Marilu Goodyear

Blake Hall, 1541 Lilac Lane, Room 325

Lawrence, KS 66044-3177, [www2.ku.edu/~kupa](http://www2.ku.edu/~kupa), (785) 864-3527

Degrees offered: B.A., B.G.S., M.P.A., Ph.D.

**Why study public administration?** Because we educate students in the application of the arts and science of administration to good government.

### Majors

The undergraduate program in public administration is offered on KU's Edwards Campus in Overland Park. The public administration major gives students the knowledge necessary to understand how government programs are initiated and carried out. It enables graduates to look at government from the eyes of citizens familiar with both the political and administrative workings of public institutions. It emphasizes leadership, exploration of diverse problems in a diverse world, how public policy is made and implemented, and how programs are created and services are delivered. The program helps liberal arts majors to place the administrative workings of government in a larger picture of political values and community-building. As students learn to think critically and analytically about public policy and program implementation, they better understand the dynamics in their own communities and how to be more effective citizens and public officials.

**First-and Second-year Preparation.** The public administration major is designed for students who have earned an associate's degree or equivalent hours and wish to complete the final two years necessary for a bachelor's degree. The major accommodates both traditional and nontraditional students. Students fulfill their first-year and sophomore hours through general education requirements. Students are encouraged, but not required to take POLS 110

**The Student Records Center is in Strong Hall, 1450 Jayhawk Blvd., Room 151, Lawrence, KS 66045-7535, (785) 864-4423.**

**Principal courses are online at [http://collegesas.ku.edu/advising/principal\\_courses.shtml](http://collegesas.ku.edu/advising/principal_courses.shtml).**

**Non-Western culture courses are online at [http://collegesas.ku.edu/advising/nonwest\\_culture\\_courses.shtml](http://collegesas.ku.edu/advising/nonwest_culture_courses.shtml).**