

# Department of Psychology

Larry W. Morris, Chair  
Jones Hall 103

Bauer, Belsky, Bernstein, Boyer-Pennington, Brinthaupt, Brissie, Burke, Carlson, Compton, Dansby, Davis, Fromuth, Fuller, Hamilton, Hein, Heritage, Johnson, Jones, Kelly, Kendrick, Kim, Kramer, Langston, Littlepage, McCarthy, Moffett, Musicant, Pennington, Pleas, Quarto, Royal, Rust, G. Schmidt, S. Schmidt, Slicker, Sobel, Tate, Traugher, Ujcich, Van Hein, Vermillion, West, Whiteside

The Psychology major is designed for students with a variety of career goals and interests and leads to a Bachelor of Science degree. The Pre-Graduate School concentration is designed for students intending to apply for Ph.D. or masters programs. A minor in Psychology is also available. In addition, the Department of Psychology offers a major and a minor in Industrial/Organizational Psychology. The Industrial/Organizational Psychology major leads to a Bachelor of Science degree.

*A student whose major(s) and/or minor(s) include both Psychology and Industrial/Organizational Psychology cannot use the same coursework for both programs. Some courses may be used in either program, but in no case can a single course be used to satisfy requirements in both programs.*

Consultation with the assigned advisor is recommended before each registration.

**In all curricular listings, (Area \_\_ ) refers to the General Studies requirements as outlined on pages 59-61.**

## Major in Psychology

A common set of core courses is required of all Psychology majors. The specific interests and career goals of each student determine the remainder of the program. The curriculum is arranged to provide familiarity with scientific bases of psychology for students preparing for careers in a variety of professions; the knowledge and skills necessary for graduate work in psychology; and the academic preparation and technical skills for students who plan to work in health-related, business and/or research settings after completing their undergraduate work.

The major in Psychology requires a minimum of 38 semester hours including a course in each of the nine following core areas (with a grade of C- or above), plus 12 additional hours of psychology electives (at least 9 hours upper division). To meet the Mathematics General Studies requirement (Area IV-B), Psychology majors must take MATH 1710 or 1730.

## Core Area, Required Courses

General, PSY 1410  
Seminar on Careers in Psychology, PSY 2000  
Social, PSY 2210  
Developmental, PSY 2300  
Statistics, PSY 3020  
Research Methods, PSY 3070  
Abnormal/Personality, PSY 3230 or 3590  
Biopsychology, PSY 4030 or 4240  
Cognition/Learning, PSY 4040 or 4480

## Recommended Curriculum

### FRESHMAN

#### FIRST SEMESTER

English (Area I-A) 3  
BIOL 1030 (Area IV-A) 4  
CSCI 1000 or equivalent 1  
PHED (Area V) 1  
PSY 1410 (Area III-B) 3  
MATH 1710 or 1730 (Area IV-B) 3-4

#### SECOND SEMESTER

English (Area I-A) 3  
PHED (Area V) 1  
Gen. Studies (Area II-B) 3  
PSY 2210 and 2300 6  
Minor 3  
**16**

### SOPHOMORE YEAR

English (Area II-A) 6  
Physical Science or Geology (Area IV-A) 4  
HIST 2010, 2020 (Area III-A) 6  
PHED (Area V) 2  
PSY 2000 1  
PSY 3020 3  
PSY 3070 4  
ENGL 3500 or 3520\* 0-3  
Minor 3  
Gen. Studies (Area I-B) 3

### JUNIOR AND SENIOR YEARS

Psychology 21  
Minors 30  
Electives 15-18  
**66-69**

**32-35**

\*Students who do not receive a grade of B- or higher in **both** English composition courses (ENGL 1010 and 1020) will be required to take either ENGL 3520 or ENGL 3500.

Two 18 hour minors are required. Minors must be approved by the advisor. It is recommended that at least one minor be carefully chosen to support career plans.

## Minor in Psychology

The minor in Psychology, except as required for the major in I/O Psychology, requires 18 semester hours including PSY 1410; PSY 1420 or a 2000-level course; and four elective courses, at least two of which must be upper division.

## Concentration: Pre-Graduate School

Students who select the Pre-Graduate School concentration should be those who will be competitive applicants for Ph.D. or competitive masters programs. GPA is an important consideration for admission to these programs. A sub-committee of the Undergraduate Studies Committee will screen students applying for the concentration.

To graduate with this concentration, students must achieve an overall GPA of 3.25. It is recommended that students apply for this concentration between the completion of 45 and 60 hours.

**Core Area, Required Courses**

PSY 1410 General Psychology  
 PSY 2210 Psychology of Social Behavior  
 PSY 2300 Developmental Psychology  
 PSY 3020 Basic Statistics for Behavioral Science  
 PSY 3070 Research Methods  
 PSY 3230 Abnormal Psychology OR  
   PSY 3590 Personality  
 PSY 4030 Psychology of Sensation and Perception OR  
   PSY 4240 Behavioral Neuroscience  
 PSY 4040 Introduction to Cognitive Psychology OR  
   PSY 4480 Learning Theories  
 PSY 2000 Seminar on Careers in Psychology  
 PSY 4070 Advanced Statistics for the Behavioral Sciences  
 PSY 4080 Advanced Research Methods OR  
   U H 4950 Honors Independent Research OR  
   PSY 3990 Research in Psychology with approval  
 Plus 9 additional hours of psychology electives (at least 6 upper  
 division)  
 ENGL 3500 Advanced Composition OR  
   ENGL 3520 Professional Writing

**Recommended Curriculum****FRESHMAN**

FIRST SEMESTER		SECOND SEMESTER	
English (Area I-A)	3	English (Area I-A)	3
BIOL 1030 (Area IV-A)	4	PHED (Area V)	1
CSCI 1000 or equivalent	1	Gen. Studies (Area II-B)	3
PHED (Area V)	1	PSY 2210 and 2300	6
PSY 1410 (Area III-B)	3	Minor	3
MATH 1710 or 1730 (Area IV-B)	3-4		<b>16</b>
	<b>15-16</b>		

**SOPHOMORE YEAR**

English (Area II-A)	6	PSY 4070	3
Physical Science or Geology (Area IV-A)	4	PSY 4080	3
HIST 2010, 2020 (Area III-A)	6	Psychology*	18
PHED (Area V)	2	Minor	12
PSY 2000	1	Electives	30
PSY 3020	3		<b>66</b>
PSY 3070	4		
ENGL 3500 or 3520	3		
Minor	3		
General Studies (Area I-B)	3		
	<b>35</b>		

\*Students must have at least 28 psychology credit hours at 3000-4000 level.

One 18-hour minor is required (no restrictions on choice of minor.)

**Major in Industrial/Organizational Psychology**

Industrial/Organizational Psychology deals with a variety of personnel and organizational issues, such as employee selection, training, job analysis, and employee motivation. The major in Industrial/Organizational Psychology is designed to a) prepare students for entry-level positions in personnel departments of business and industries, and b) provide a background for students wishing to pursue graduate work in psychology, industrial/organizational psychology, or related fields.

The major consists of 24 hours of required courses (which must be completed with a grade of C- or above in each course), and 12 hours selected from a list of additional I/O

psychology courses. A minor in Psychology (which consists of 19 hours from six core areas of psychology) and a second minor\* (in a related human resource field) are required. To meet the Mathematics General Studies requirement (Area IV-B), Industrial/Organizational Psychology majors must take MATH 1710 or 1730.

**Required Courses (24 hours)**

PSY 3020 Basic Statistics for Behavioral Sciences  
 PSY 3320 Introduction to Industrial and Organizational Psychology  
 PSY 4260 Introduction to Psychological Testing  
 PSY 4270 Personnel Selection and Placement  
 PSY 4290 Wage and Salary Administration  
 PSY 4330 Industrial/Organizational Training and Development  
 PSY 4360 Organizational Psychology  
 PSY 4370 Motivation and Work Attitudes

**Additional I/O Courses****(Select 12 hours from the following courses):**

PSY 2000 Seminar on Careers in Psychology  
 PSY 3990 Research in Psychology  
 PSY 4660 Psychology Seminar: Industrial-Social  
 PSY 4070 Advanced Statistics for the Behavioral Sciences  
 PSY 4080 Advanced Research Methods  
 PSY 4730 Apprenticeship: Industrial  
 PSY 4340 Human Factors Psychology  
 PSY 4350 Safety Psychology  
 PSY 4380 Group Dynamics  
 PSY 4390 Persuasion  
 PSY 4420 Experimental Social Psychology  
 PSY 4610 Adult Psychology and Aging  
 PSY 4720 Multicultural Perspectives in Psychology and Education

**Psychology Minor (for Industrial/Organizational)**

PSY 1410 General Psychology  
 PSY 2210 Psychology of Social Behavior  
 PSY 2300 Developmental Psychology OR  
   PSY 4030 Psychology of Sensation and Perception OR  
   PSY 4240 Behavioral Neuroscience  
 PSY 3070 Research Methods  
 PSY 3230 Abnormal Psychology OR  
   PSY 3590 Personality  
 PSY 4040 Introduction to Cognitive Psychology OR  
   PSY 4480 Learning Theories

Students who do not receive a grade of B- or higher in **both** English composition courses (ENGL 1010 and 1020) are required to take either ENGL 3500 or ENGL 3520.

\*Students must complete a second minor in one of the following fields: *Business Administration, Business Law, Industrial Relations, Information Systems, Industrial Technology (Industrial Facilities and Management or Safety courses only), Management, Mass Communication, Political Science (Public Administration), Sociology, Speech, Statistics.* Other minors may be approved by the major advisor.

**Recommended Curriculum****FRESHMAN**

FIRST SEMESTER		SECOND SEMESTER	
English (Area I-A)	3	English (Area I-A)	3
HIST 2010 (Area III-A)	3	Elective	3
INFS 2200 (computer)	3	HIST 2020 (Area III-A)	3
Gen. Studies (Area I-B)	3	PSY 2210 (minor)	3
PSY 1410 (minor) (Area III-B)	3	MATH 1710 or 1730 (Area IV-B)	3-4
PHED (Area V)	1	PHED (Area V)	1
	<b>16</b>		<b>16-17</b>

SOPHOMORE YEAR		JUNIOR YEAR	
English (Area II-A)	6	PSY 3070, 4040 (minor)	7
BIOL 1030 (Area IV-A)	4	PSY 4260, 4360 (I/O)	6
Physical Science or Geology (Area IV-A)	4	I/O electives	9
PSY 2300, 3230 (minor)	6	Minor	6
PHED (Area V)	2	Electives	6
Minor	3		<b>34</b>
PSY 3020, 3320 (I/O)	6	SENIOR YEAR	
Gen. Studies (Area II-B)	3	PSY 4270, 4290, 4330, and 4370 (I/O)	12
<b>34</b>		I/O electives	3
		Minor	9
		Electives including additional courses in major and minors	10
			<b>34</b>

### Minor in Industrial/Organizational Psychology

The minor in Industrial/Organizational Psychology requires 18 semester hours and a course in statistics (PSY 3020 recommended). Students who are also pursuing a Bachelor of Science degree in Psychology may select Industrial/Organizational Psychology as one of their two minors. *Courses may not count toward both a major and minor.*

#### Required Courses (9 hours)

PSY 3020 Basic Statistics for Behavioral Science or the equivalent  
 PSY 3320 Introduction to Industrial and Organizational Psychology  
 PSY 4360 Organizational Psychology

#### Elective Courses (9 hours)\*

PSY 4260 Introduction to Psychological Testing  
 PSY 4270 Personnel Selection and Placement  
 PSY 4290 Wage and Salary Administration  
 PSY 4330 Industrial/Organizational Training and Development  
 PSY 4340 Human Factors Psychology  
 PSY 4350 Safety Psychology  
 PSY 4370 Motivation and Work Attitudes  
 PSY 4380 Group Dynamics

**\*NOTE:** 12 elective hours will be needed if PSY 3020 is used to fulfill requirements for a major or if a student has had statistics in another department (e.g. Q M 2610). *Courses may not count toward both a major and a minor.*

## Courses in Psychology [PSY]

- 1410 (141) General Psychology.** Three credits. Introductory survey course. Includes biological foundations, perception, principles of learning, intelligence, motivation, emotion, human development, personality, social psychology, behavior disorders, and psychotherapy.
- 1420 (142) Psychology of Adjustment.** Three credits. Processes of human adjustment, adaptation, and environmental influences. Development of self-understanding, constructive management of emotion and stress, and healthy interpersonal relationships.
- 2000 (200) Seminar on Careers in Psychology.** One credit. Prerequisite: PSY 1410. Required for Psychology majors in the first 21 hours of psychology courses. Requirements needed for success in jobs or graduate school. Interest exploration and development of a career timeline and a resume/vita. Students who choose to complete assessment inventories will pay the Counseling and Testing Center an assessment fee of approximately \$20.
- 2180 (218) Thinking: Intelligence and Creativity.** Three credits. Psychological approaches to the study of information processing, thinking, and knowing, with emphasis on cognitive style, problem solving, and creative thinking.
- 2190 (219) Human Brain, Behavior, and Consciousness.** Three credits. Introduction to the involvement of the brain in behavior and conscious experiences. Altered states of consciousness, mental illness, drug-induced states, sleep, learning, memory, and language. No biology background required.
- 2210 (221) Psychology of Social Behavior.** Three credits. Prerequisite: PSY 1410 recommended but not required. Systematic study of social behavior. Includes interaction between people, perception of others, interpersonal attraction, aggression, altruism, conformity, attitudes, and group behavior.
- 2300 (230) Developmental Psychology.** Three credits. Broad survey of the biological and environmental factors influencing physical, cognitive, and social development from conception until death. Emphasis on current research and theory. Will not substitute for SOC 3150, S W 3150, or CDFS 3340.
- 3020 (302) Basic Statistics for Behavioral Science.** Three credits. Prerequisite: 3 credit hours of college-level mathematics. PSY 3030 may be required. (See schedule book.) Elementary descriptive and inferential statistics and their applications.
- 3030 (302L) Laboratory in Psychology.** One credit.
- 3070 (307) Research Methods.** Four credits. Prerequisite: PSY 3020. Analysis of methodological issues in psychological research. Designed to teach skills in the formulation, execution, interpretation, and presentation of psychological investigations. Three hours lecture and one one-hour laboratory.
- 3230 (323) Abnormal Psychology.** Three credits. Prerequisite: PSY 1410. Patterns of maladaptive behavior, including anxiety, depression, schizophrenia, and antisocial behavior.
- 3240 (324) Abnormal Child Psychology.** Three credits. Prerequisite: PSY 1410. Emotional and behavioral disorders in childhood and adolescence including autism and depression and child maltreatment.
- 3250 (325) Perspectives on Black Psychology.** Three credits. Application of psychological principles to the personality development and behavior patterns of African Americans, in light of cultural heritage and contemporary events. Implications for assessment and counseling.
- 3320 (332) Introduction to Industrial and Organizational Psychology.** Three credits. Applications of psychology to business and industry. Topics include employee selection, performance appraisal, training, leadership, motivation, work environment, job design, safety, and work stress.
- 3590 (359) Personality.** Three credits. Historical and contemporary personality theory and research, including the trait, cognitive, and motivational approaches. Topics include personality development, the unconscious, the self, goals, emotions, coping, disorders, and personality change.
- 3750 (375) Introduction to Clinical Psychology.** Three credits. Reviews the historical background, roles, and responsibilities of clinical psychologists and differentiates their duties from other mental health professionals. Introduction to assessment and clinical interventions.

- 3990 (399) Research in Psychology.** One to three credits. Prerequisites: 6 hours of psychology recommended but not required. Supervised research in current topics in psychology. Contact individual faculty members for research possibilities and requirements. May be repeated. (Students majoring in Psychology or the Pre-Graduate School concentration may apply up to 6 hours of credit to the major. Students majoring in I/O Psychology may apply up to 4 hours of credit to the major. Students minoring in Psychology may apply up to 6 hours of credit to the minor.)
- 4000 (400H) Psychology Seminar: Honors.** One credit. Representative and integrative study of scientific journals of field. May be taken for a total of three credits.
- 4010 (401H) Laboratory in Psychology: Honors.** One credit each. May be repeated. Prerequisite: PSY 3020. Supervised laboratory in an area of psychology related to a content course. The laboratory can only be taken during the semester the student is enrolled in the content course.
- 4020 (431H) Apprenticeship: Honors.** One to three credits. Supervised practical experience utilizing psychological principles and tools in an established organization.
- 4030 (403) Psychology of Sensation and Perception.** Three credits. Prerequisite: PSY 1410 or permission of instructor. Perceptual and physiological (sensory) mechanisms involved in vision, hearing, taste, smell, and touch. Perceptual consequences of central nervous system events. Historical perspectives.
- 4040 (404) Introduction to Cognitive Psychology.** Three credits. Information processing approach to the study of cognitive processes: attention, perception, memory, language, reasoning, problem solving, and decision making.
- 4050 (405) Applied Psychopharmacology.** Three credits. Reviews current information on the action and uses of the most important groups of psychoactive drugs. Clinical, legal, and ethical aspects.
- 4060 (406) Sport Psychology.** Three credits. Prerequisite: PSY 1410 or consent of instructor. Application of psychological principles, motivational research, and social/psychological findings to the arena of sports. Theory and application of performance enhancement and teamwork in sports. See ATHC 4060.
- 4070 (407) Advanced Statistics for the Behavioral Sciences.** Three credits. Prerequisites: Grade of B or higher in PSY 3020 or equivalent course. Topics include multiple regression, factorial anova, repeated measures ANOVA, ANCOVA, and categorical data analysis. Offers preparation for graduate-level statistics courses often required in master's and doctoral level programs as well as for employment positions in business and government.
- 4080 (408) Advanced Research Methods.** Three credits. Prerequisites: Grade of B or higher in PSY 3070 or equivalent training (POD), PSY 4070, and ENGL 3500 or 3520. Design, conduct, analyze, and report psychological research. Advanced research conducted individually or in small groups. Offers preparation for graduate-level research required in master's and doctoral programs and for research applications in business and government settings.
- 4100 (410) Counseling and Leadership Seminar in Student Affairs.** Three credits. (Same as SPSE 4100.) Prerequisite: Permission of Student Affairs personnel. Offers student leaders in Student Affairs opportunities to learn and practice skills to help them be more effective leaders. Credit for this class may not be counted toward the student's major or minor.
- 4110 (411) Issues and Ethics in Mental Health Services.** Three credits. Prerequisites: PSY 1410 and 3230. Overview of mental health services that can be provided by the Bachelor's graduate. Offers training necessary for entry-level positions in mental health agencies, emphasizing ethical guidelines and legal issues.
- 4120 (412) Psychology of Criminal Behavior.** Three credits. Survey of theory and research pertaining to criminal behavior, covering topics such as mental illness and crime, criminal homicide, assault, and sex offenses.
- 4130 (403L) Laboratory in Psychology.** One credit.
- 4140 (404L) Laboratory in Psychology.** One credit.
- 4150 (424L) Laboratory in Psychology.** One credit.
- 4170 (442L) Laboratory in Psychology.** One credit.
- 4180 (448L) Laboratory in Psychology.** One credit.
- 4190 (419) Child Psychology.** Three credits. Prerequisite: PSY 2300 recommended but not required. Intensive research-based overview of child development from conception to puberty, including experiences in observation and/or interaction with children. Cognitive development, language development, peer interaction, moral development, and the contexts of child development.
- 4210 (421) Adolescent Psychology.** Three credits. Prerequisite: PSY 2300 recommended but not required. Physiological, emotional, mental, and social characteristics of adolescent development, including primary factors of influence.
- 4220 (422) Correctional Psychology.** Three credits. Legal, law enforcement, delinquency, and criminal psychology, including psychological evaluation, classification, therapy, and rehabilitation. Special classifications. Field problems. Preventive implications.
- 4240 (424) Behavioral Neuroscience.** Three credits. The role of the brain in those areas which are typically considered by psychology, such as sensory and motor functions, motivation, higher mental functions, and mental disorders.
- 4250 (425) Psychology of Exceptional Children.** Three credits. Identification and etiology of patterns of exceptionality, with consideration given to behavioral manifestations and preventive and correctional programs.
- 4260 (426) Introduction to Psychological Testing.** Three credits. Modern practices in test construction, selection, and application to a variety of situations such as schools, clinics, and businesses.
- 4270 (427) Personnel Selection and Placement.** Three credits. Survey of test, interview, and other variables relating to applicant evaluation, placement, and upgrading.
- 4290 (429) Wage and Salary Administration.** Three credits. Analysis of theory and practice in the administration of compensation. Practices and issues related to job analysis, job evaluation, wage and salary administration, incentive plans, and legal considerations.

- 4330 (433) Industrial/Organizational Training and Development.** Three credits. Examination of training and development methods for industrial and other organizational use. Includes both managerial and worker training. Includes learning, needs assessment, program development, and program evaluation.
- 4340 (434) Human Factors Psychology.** Three credits. Prerequisite: PSY 3320 or consent of instructor. The process of designing for human use. Considers individual differences, visual, auditory, and tactile displays, anthropometry, illumination, noise, humans in motion, and space and environmental studies.
- 4350 (435) Safety Psychology.** Three credits. Survey of basic theories of accident causation, safety research literature, methods of accident prevention, and industrial hygiene.
- 4360 (436) Organizational Psychology.** Three credits. Application to human interaction, group processes, and leadership.
- 4370 (437) Motivation and Work Attitudes.** Three credits. Understanding and application of motivation theories, particularly in the workplace. Topics include emotions; work attitudes, such as job satisfaction, organizational commitment, and organizational culture; effects on performance; measurement.
- 4380 (438) Group Dynamics.** Three credits. The functioning of groups. Includes development of group structure, group conflict, cohesion, social influence, leadership, group productivity, group decision making, and growth groups.
- 4390 (439) Persuasion.** Three credits. Prerequisite: PSY 1410. Survey and analysis of theory and research on interpersonal influence. Applications of findings to various areas of human experience.
- 4400 (440) Behavioral Modification.** Three credits. The application of behavioral change principles and evaluation strategies to the solution of individual, classroom, institutional, and organizational behavior problems.
- 4420 (442) Experimental Social Psychology.** Three credits. Prerequisites: PSY 1410, 2210, and 3020. Survey of research rationales, strategies, procedures, and methodologies in social psychology. Ethical concerns and special problems in human subject research.
- 4440 (444) Social Psychology of Close Relationships.** Three credits. Prerequisite: PSY 1410. Theoretical and empirical issues in the scientific study of adult, close relationships from a social psychological perspective: initial attraction, relationship formation, maintenance, and dissolution. (Not a course in the broad area of marriage and the family: See CDFS 3320 Family Relationships and SOC 2500 Marriage and Family.)
- 4450 (445) Psychology of the Self.** Three credits. Historical and contemporary theory and research on the self and self-related topics. Definitional and measurement issues, the self as a structure and a process, self-development across the lifespan, and factors affecting self-perception and self-evaluation.
- 4460 (446) Psychology of Happiness and Well-Being.** Three credits. Prerequisite: PSY 1410; PSY 2210 and 3230 recommended. Survey of theoretical and research literature in the areas of subjective well-being, happiness, life satisfaction, stress-resistant personality styles, and self-actualization.
- 4470 (447) Theories of Counseling.** Three credits. Integration of the major theories of counseling and psychotherapy and their application.
- 4480 (448) Learning Theories.** Three credits. Survey of research and major theories of learning with emphasis on classical and instrumental conditioning and related topics.
- 4490 (449) Operant Conditioning.** Three credits. Prerequisite: PSY 1410. Philosophy of B.F. Skinner's behaviorism explored in his writings and those of his followers and critics. Current applications of behaviorism in all areas of psychology (child, marriage and family, animal conditioning, mental health, addictions, etc.) also examined.
- 4600 (460) Psychosexual Adjustment.** Three credits. Psychological, cultural, and biological facets of the human sexual experience. Attitudes and behaviors, variances and dysfunctions, implications and strategies for treatment.
- 4610 (461) Adult Psychology and Aging.** Three credits. Prerequisite: PSY 2300 recommended but not required. A survey of the research on adult development with emphasis on old age. Examines the physical, intellectual, social, vocational, and personality changes during the adult years.
- 4620 (462) Psychology of Women.** Three credits. Psychological impact of the culture on women's attitudes, roles, aspirations, problems, and personality development.
- 4630 (463) Death and Dying.** Three credits. An experiential course covering the folklore of thanatology, the funeral industry, handling grief, counseling the bereaved, and the hospice concept. Objectives include an attempt to view death with equanimity and personal growth from confronting death.
- 4650 (465) Health Psychology.** Three credits. Prerequisite: PSY 1410 or consent of instructor. Psychological factors and principles involved in the study of correlates of health and illness, disease prevention, therapeutic interventions, and rehabilitative strategies.
- 4660-4680 Psychology Seminar.** One credit each. Representative and integrative study of scientific journals of field. May be taken for a total of three credits.
- 4660 (400B) Industrial-Social**  
**4670 (400C) Clinical-Personality**  
**4680 (400D) General-Experimental**
- 4700 (470) History and Systems of Psychology.** Three credits. Prerequisites: Upper-division status; PSY 1410 recommended but not required. A survey of the history of psychology and an intensive study of current systems of psychology.
- 4720 (472) Multicultural Perspectives in Psychology and Education.** Three credits. Theories and research relative to the education of multiethnic/racial minorities. Relation of culture and socialization to learning styles, assessment practices, and counseling considerations.
- 4730-4760 Apprenticeship.** One to three credits. Supervised practical experience utilizing psychological principles and tools in an established organization.
- 4730 (431A) Industrial**  
**4740 (431B) Child**  
**4750 (431C) Pre-clinical**  
**4760 (431D) Adolescent**
- 4780 (478) Human Neuropsychology.** Three credits. Prerequisite: PSY 4240 or consent of instructor. Organization and function of specific brain areas and the behavioral deficits and changes resulting from focal and diffuse brain damage.

**4800 (480) Cognition: Thinking and Reasoning.** Three credits. Research and theory on thinking and reasoning and their roles in complex cognitive processes such as comprehension and higher learning, memory encoding and retrieval, mental model construction, hypothesis testing, goal setting and planning, problem solving, judgment and decision making, intelligence, and creativity.

**4820 (482) Psychology of Language.** Three credits. Prerequisite: PSY 1410. A cognitive approach to how people learn and use language to communicate. Covers basic psycholinguistics (production, perception, comprehension, and mental representation), language acquisition, and applied psycholinguistics (bilingualism, language disorders, and machine language).

**4990 (499) Advanced General Psychology.** Three credits. Prerequisite: Senior standing in psychology. Systematic review of general psychology, including history, methods, physiology, sensory

systems and perception, learning and memory, developmental, social, and abnormal.

### Honors College

The Department of Psychology offers periodically the following Honors courses: 1410, 1420, 2180, 2210, 2300, 3020, 3070, 3230, 3320, 4000, 4010, 4020, 4040, 4190, 4210, 4390, 4470, 4600, 4620, 4630, 4650.

### Graduate Study

Requirements for the Master of Education degree in School Counseling, the Specialist in Education with a major in Curriculum and Instruction, the Master of Arts degree in Psychology, and a list of the courses offered for graduate credit are published in the Graduate Catalog.

