

Psychology

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Psychology is concerned with all aspects of the study of behavioral, developmental and cognitive processes, and employs a broad spectrum of approaches, from the social to the biological, to understand them. The Hunter College psychology program reflects the diversity of psychology as a science and a profession. Its course offerings range from clinical, social and developmental psychology to experimental psychology, ethology, biopsychology and behavioral neuroscience.

Although Psychology is a large department, students have personal contact with faculty members through an extensive advisement system, involvement in departmental activities and committees, supervised field placement, and participation in research laboratories under the guidance of faculty mentors as part of our independent study, honors, COR (Career Opportunities in Research and Education) and MBRS-RISE (Minority Biomedical Research Support) programs.

A broad range of applied and research opportunities are available within the department in developmental psychology, social psychology, human adjustment, animal behavior, physiological psychology, and abnormal psychology. Departmental affiliations with mental health and community organizations make it possible for students to integrate their academic studies of personality, abnormal, and child psychology with supervised practical experience by means of field placements and opportunities for applied research.

The faculty and facilities of the CUNY doctoral program in biopsychology are an integral part of the Hunter College psychology program. Our doctoral program in biopsychology and our master's program in general psychology provide course concentrations in a number of different areas within psychology, and offer our undergraduate students research and other opportunities to interact with graduate students. Qualified students in their last semester may be admitted to graduate courses with the approval of the instructor and the department's graduate advisor.

The psychology major, as part of the bachelor's degree program, prepares the student for many career possibilities in psychology, education, social and welfare services, health services, and industry, and fulfills the course requirements for entering most psychology graduate programs. A background in psychology combined with special training in other disciplines within the College may be especially useful in preparing for careers in human resources, nursing, speech pathology, social work, special education, counseling, and music, art, and dance therapy. Our Undergraduate Psychology Advising Resource Library (on reserve, 2nd floor,

Hunter's main library at the 68th Street campus, under "PSYCH ADV"), and our undergraduate and graduate advisors provide students with additional guidance and information regarding career opportunities and graduate study.

Special Programs

The COR Program (Career Opportunities in Research and Education)

The departments of psychology, anthropology, and sociology jointly offer a program called COR (Career Opportunities in Research and Education). This interdisciplinary research training program for academically talented minority juniors and seniors is funded by the National Institute of Mental Health. Participants receive a monthly stipend, and are granted tuition and fee remission. Students take a special curriculum and get individualized research training in a variety of areas under the supervision of a faculty mentor. The program has several levels of participation, and underrepresented minority students, especially sophomores, intending to pursue a research-related career in the participating disciplines are urged to apply to the program. Additional details and descriptive literature are available from the COR program director, Professor Vanya Quiñones-Jenab (jenab@genectr.hunter.cuny.edu, 772-4640), or Carlotta Stephens, program manager (cstephe@hunter.cuny.edu, 772-4562).

Field Placement Program

Offered for one semester (PSYCH 306) or as a 2-semester sequence, Psychological Services I and II (PSYCH 306 and 307) give enrolled students practical supervised career experience one day per week in an approved mental health or community service setting in conjunction with a class that meets once each week. Students may also gain field experience in conjunction with academic work through Independent Study (PSYCH 201) with a faculty sponsor and through Peer Advising in Psychology (PSYCH 295). Permission of the instructor is required for these courses, and students should start making arrangements by the middle of the term before they plan to take the course (e.g., mid-spring for the fall term). They should meet with the College Internship Coordinator (by appointment in Career Development, E 805) and with prospective faculty sponsors.

General Education Requirement (GER) PSYCH 100, 140, 150, 160, 170, 180, 190 and 195 may be used to fulfill Broad Exposure/Stage 2, Group B.

Distribution Requirement See Appendix A for the Distribution Requirement, which was replaced by the General Education Requirement in fall 2001 and which may be binding on students who matriculated prior to fall 2001.

Note: MATH 125 and STAT 113 each fulfill the Quantitative Reasoning Requirement (GER/Academic Foundations, Group B). If completed with a minimum grade of C, each also meets the mathematics prerequisite for Psychological Statistics (PSYCH 248). For the Natural Science Requirement (GER/Broad Exposure, Group E), the student must take at least one semester of an acceptable laboratory science. One semester of an acceptable laboratory science also fulfills a prerequisite for Experimental Psychology (PSYCH 249 and 250). By taking the second semester of the same sequence, the student will meet the major requirement of a two-semester sequence of a single laboratory science.

Since the Psychological Statistics and Experimental Psychology courses have mathematics and laboratory-science prerequisites, respectively, it is advised that students considering psychology plan their programs to meet these requirements in a timely fashion. Taking the second semester of the laboratory-science sequence should also be planned, since it is required for completion of the major.

Exemptions

A student may be exempt from PSYCH 100 by earning a score of 4 or 5 on the Advanced Placement Test taken in conjunction with a high school course in psychology or by passing the CLEP examination (College Level Education Program). Exemption from Child Psychology (Psych 210) may be earned by a passing grade on the CLEP examination in Developmental Psychology. CLEP examinations are given at various testing centers. Interested students can obtain information and application forms at collegeboard.com/clep or by contacting the Office of Student Services. A passing grade on either CLEP examination provides 3 credits. Exemption from the mathematics prerequisites for Psychological Statistics (PSYCH 248) may be earned by passing scores on Parts 3, 4, and 5 of the CUNY Mathematics Skills Assessment Test. Information and test administration schedule are available at xena.hunter.cuny.edu/advising/placement_test.html or the Dolciani Mathematics Learning Center, 300 North.)

The Psychology Major: Preparation and Course of Study

The psychology major is designed to provide students with training in both the evaluation and the generation of research data. For this reason, the core sequence of Psychological Statistics (PSYCH 248) and Experimental Psychology (PSYCH 249 or 250) is central to the program and is a prerequisite for all upper-level psychology courses. Performance in the Psychological Statistics/Experimental Psychology sequence will be greatly facilitated by proper preparation in mathematics and laboratory science, and the development of excellent writing skills.

Declaration of Major To declare a psychology major, the student must have completed any 100-level psychology course with a minimum grade of B, a required mathematics course with a minimum grade of C or CR, and have a minimum GPA of 2.00. The mathematics requirement may be satisfied by STAT 113 or MATH 125, or by passing scores on Parts 3, 4, and 5 of the CUNY Mathematics Skills Assessment Test. Information and the test administration schedule are available at xena.hunter.cuny.edu/advising/placement_test.html or the Dolciani Mathematics Learning Center, North 300.

The major must be declared in person with an undergraduate psychology advisor. (Call 772-5568 for schedule.) The student must bring his/her Hunter transcript (and where relevant, transcripts from all other colleges attended) when meeting with the undergraduate psychology advisor to declare a psychology major.

Psychology Major The major consists of 26 credits in psychology above the 100 level, including Statistical Methods in Psychology (PSYCH 248) and Experimental Social Psychology (PSYCH 249) or General Experimental Psychology (PSYCH 250). The major also requires at least one course in each of the following content areas: applications of psychology, biopsychology, cognitive processes, and developmental/social psychology. (If a course meets requirements for more than one content area, the student may apply the course to only one of them.) All of the content-area courses must be at or above the 200 level, and at least 6 of the content-area

credits must be at or above the 300 level. Two additional (elective) courses in psychology, at the 200 level or higher, must be completed. PSYCH 100 and one additional 100-level psychology course are required, but not included in the major.

A two-semester sequence in a single laboratory science must also be completed. (See the Science Requirement for Graduation below.)

Qualified undergraduates in their last semester may register for graduate-level psychology courses with the permission of the instructor and the graduate advisor. Most psychology majors intending to attend graduate school take more than the minimum 26 credits in psychology and design their course of study in close consultation with a faculty mentor. Students should obtain a copy of "Psychology Major Requirements and Policies" from the undergraduate advising office, as soon as they declare the major, for up-to-date information on department resources, activities, and faculty research interests.

Beginning in the spring 1998 semester, psychology courses taken on a Credit/No Credit basis may not be applied toward the major; PSYCH 248, 249 and 250 may not be taken on a Credit/No Credit basis.

Courses Taken on Permit and Courses Transferred into Hunter

Once the psychology major is declared, students may not take any psychology course that they wish to count toward the major on permit at another college. In contrast, psychology courses that were taken before the student enrolled at Hunter and that are deemed equivalent to a Hunter College course may count toward the major. The assessment of course equivalency is made by the Office of Admissions and by the undergraduate psychology advising office.

Course Prerequisites are strictly enforced. Students are responsible for meeting all course prerequisites, including satisfactory completion of courses in progress at the time of enrollment. Students enrolling in courses without necessary prerequisites will be dropped from the class by the registrar. The department screens for prerequisites, and students may be dropped after the course begins. (See specific prerequisites for each course in Course Listings section, which follows.)

Before enrolling in PSYCH 248 (Statistical Methods in Psychological Research), all students must have received at least a C or CR in STAT 113 or MATH 125 or have passed Parts 3, 4, and 5 of the CUNY Mathematics Skills Assessment Test, and must have declared psychology as their major in the Psychology Department Advising Office at Hunter.

Science Requirement for Graduation In order to graduate, psychology majors must have completed a two-semester sequence in one laboratory science approved by the department. Students must take at least one semester of the two-semester laboratory science sequence before taking PSYCH 249 or 250. Students may complete the laboratory science sequence at any point in their studies. The science requirement may be met by any of the following specific course sequences: ANTHP 101 and 102; or BIOL 100 and 102; or BIOL 120 and 122; or CHEM 100/101 or CHEM 102/103 and CHEM 120/121 or CHEM 104/105; or CHEM 130 and CHEM 131, both with corequisites; or GEOL 101 and 102; or PGEOL 130 and 231; or PHYS 110 and 120; or SCI 101 and 102. For CHEM, both the lecture and corresponding lab must be passed.

Note: Students who declared a psychology major before January 1, 1998 are exempt from the science requirement within the Department of Psychology.

For transfer students, the laboratory science requirement may be met by courses taken at previous institutions *only* if they have been assigned the Hunter College course numbers in the above list. Transfer students should check with the psychology advisor after their courses have been formally evaluated by Hunter College to determine whether the science requirement has been met.

Minor All psychology majors must complete a minor. The choice of minor depends on individual goals, interests, and skills. Students are encouraged to discuss their choice of minor with the psychology advisor and with faculty mentors.

For most subjects, the minor is a minimum of four courses and 12 credits. For foreign-language, laboratory-science, and English minors, there are specific requirements for which students should consult the psychology advisor.

Course of Study Completion of ENGL 120 prior to declaration of the major in psychology is strongly recommended. Until it is completed, a student may not enroll in any course numbered above PSYCH 248. Students whose career goals include professional work in psychology, social work, or counseling should take PSYCH 201 (Independent Study), PSYCH 295 (Peer Advising), PSYCH 306/307 (Seminar in Psychological Services), PSYCH 395 (Independent Research), or PSYCH 396/398 (Honors in Psychology), as appropriate. Note that each may be used only once to satisfy major requirements.

We recommend that all prospective majors see an undergraduate advisor for assistance in program planning, and that the major be declared as soon as possible. Majors are encouraged to discuss their program of study and their plans regularly with the advisor and with faculty in their respective areas of interest. The courses selected to fulfill the major requirements will vary with the student's career objectives.

COURSE LISTINGS

Note: Letters in parentheses after course names refer to content areas: (A) = Applications of Psychology; (B) = Biopsychology; (C) = Cognitive Processes; (D/S) = Developmental/Social.

PSYCH 100 Introduction to Psychology 3 hrs, 3 cr; GER/2/B. An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

PSYCH 140 Psychology of Adjustment 3 hrs, 3 cr. Prereq: PSYCH 100; GER/2/B. Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment.

PSYCH 150 Human Development 3 hrs, 3 cr. Prereq: PSYCH 100; GER/2/B. Development from conception to death; biological, physiological, and social factors and their interactions at each stage.

PSYCH 160 Evolution and Behavior 3 hrs, 3 cr. Prereq: PSYCH 100; GER/2/B. Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.

PSYCH 170 Psychology of Human Sexuality 3 hrs, 3 cr. Prereq: PSYCH 100; GER/2/B; PD/C. Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

PSYCH 180 Brain and Behavior 3 hrs, 3 cr. Prereq: PSYCH 100; GER/2/B. Brain structure, function, and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.

PSYCH 190 (WOMST 190) Development of Gender Roles 3 hrs, 3 cr; GER/2/B; PD/C. Social, cognitive, hormonal, and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.

PSYCH 195 Special Topics in Psychology I 3 hrs, 3 cr. Prereq: PSYCH 100; GER/2/B. Readings and discussions on a selected problem or topic area. Topics vary from semester to semester.

PSYCH 201 Independent Study in Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses and perm instr. *May be applied to major once.* This course is designed to meet the needs of individual students under the direction of a particular faculty sponsor. The course may involve independent readings, tutorials, work as an advising assistant or peer counselor, field placement, an individual research project, or participation in ongoing faculty research, any of these culminating in a written report.

***PSYCH 205 The Profession of Psychology** 3 hrs, 3 cr. Prereq: 6 cr in psychology and declared psychology major; Internet access and perm dept. Introduction to and critical analysis of the profession of psychology; examination of theories and career options in major subfields of psychology.

PSYCH 210 Child Psychology (D/S) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Emotional, social, motor, and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. **(May not be taken for credit by students who have a collateral major, or a minor, in education)**

PSYCH 212 Psychology of Exceptional Children (D/S) 3 hrs, 3 cr. Prereq: PSYCH 150 or 210 or EDU 209. Special problems of adjustment and training of exceptional children, including the gifted as well as the intellectually, emotionally, and physically handicapped.

PSYCH 215 Introduction to Research Methods in Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.

PSYCH 220 Personality (D/S) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Review of the contributions to the understanding of normal personality in the theories of the Freudian and other analytical schools; of Allport, of representative behaviorist groups, and of constitutional typologists; also, methods of assessing and understanding individual personality.

PSYCH 221 Psychoanalytic Theories (A; D/S) 3 hrs, 3 cr. Prereq: PSYCH 220. Historical, theoretical, and empirical approaches from Freud to the present; empirical evaluation and integration of these theories with learning and ethological theory.

PSYCH 223 Abnormal Psychology (A; D/S) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures, and therapy.

PSYCH 225 Ethology: Animal Behavior (B) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses or perm instr. Adaptation, survival, reproduction, and evolution of behavior, emphasizing development and species-comparison.

PSYCH 230 Social Psychology (D/S) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.

PSYCH 235 The Psychology of Women (D/S) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses; PD/C. Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.

PSYCH 240 Applications of Psychology (A) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Psychological issues in business, law, and medicine; consumer research, personnel selection and training, motivation and morale in industry, safety programs, testimony, lie detection, and psychological issues in coping with physical illness.

PSYCH 242 Health Psychology (A) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction, and eating disorders.

PSYCH 245 History of Psychology 3 hrs, 3 cr. Prereq: 6 cr. in PSYCH courses. Introspective, behavioristic, gestalt, psychoanalytic, and related viewpoints developed from early philosophic roots of psychology.

PSYCH 248 Statistical Methods in Psychological Research 4 hrs, 4 cr. Prereq: PSYCH 100, and completion of one of the following math requirements: MATH 125, or STAT 113 with a C or CR, or passing score on parts 3, 4, and 5 of the CUNY Mathematics Skills Assessment Test, and declaration of a psychology major. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

PSYCH 249 Experimental Psychology: Social 6 hrs (2 lec, 4 lab), 4 cr. Prereq: Completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and declaration of a psychology major. Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYCH 249 or 250, but not both.)

PSYCH 250 Experimental Psychology: General 6 hrs (2 lec, 4 lab), 4 cr. Prereq: Completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and declaration of a psychology major. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYCH 249 or 250, but not both.)

PSYCH 248 and 249 or 250, and one semester of an acceptable science sequence, ENGL 120, and declaration of a psychology major are the minimum prerequisites for all courses above PSYCH 250. (Students falling under the previous curriculum need not fulfill this science prerequisite.)

PSYCH 270 Cognitive Processes (C) 3 hrs, 3 cr. Prereq: Completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. How input is encoded, transformed, elaborated, stored and retrieved in the human information-processing system, and how these operations provide the basis for more complex forms of human behavior; analyses of theoretical issues and research pertaining to memory, problem solving, language, attention and perception.

PSYCH 295 Special Topics in Psychology II 3 hrs, 3 cr. Prereq: perm instr. and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Readings and discussion on a selected problem or topic area. Topics will vary from semester to semester.

PSYCH 300 Physiological Psychology (B) 3 hrs, 3 cr. Prereq: Completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Neural and endocrine mechanisms involved in learning, emotion, perception, and other psychological processes.

PSYCH 301 Sensation and Perception (B; C) 3 hrs, 3 cr. Prereq: Completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Methods, theories, and empirical data relating to stimulus detection, encoding, and perception as a function of variables including current stimuli and past history.

PSYCH 306 Seminar in Psychological Services I (A) 8 hrs, 4 cr. Prereq: PSYCH 223 or 323, and perm instr. and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. An integration of personality and abnormal psychology, the helping process, and the role of the helper. Seminar and one day per week placement in mental health/community service setting.

PSYCH 307 Seminar in Psychological Services II (A) 3 hrs, 3 cr. Prereq: PSYCH 306, and perm instr. Integration of personality and abnormal psychology. Seminar and one day per week placement in mental health/community service setting.

PSYCH 309 Sex and Behavior (B; D/S) 3 hrs, 3 cr. PD/C. Prereq: 6 cr in PSYCH at or above the 200 level, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250 and declaration of a psychology major; PD/C. Research and attitudes about sex-related behavior in human and non-human animals emphasizing evolutionary and neuroendocrinological processes and social-psychological processes; male-female differences and similarities, therapeutic strategy in sex-behavior pathology, and sexual behavior and the law.

PSYCH 310 Research Methods and Special Problems in Developmental Psychology (D/S) 3 hrs, 3 cr. Prereq: PSYCH 150 or 210, and perm instr. and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Theory and research in selected areas of developmental psychology.

PSYCH 315 Psychological Study of Adult Development (D/S) 3 hrs, 3 cr. Prereq: PSYCH 210 or 150 and 6 additional credits at or above the 200 level, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Theories and research concerning the personal and social development of men and women in adulthood; ongoing changes with age related to physical growth and decline, including marital, parental, and interpersonal relationships, occupational roles, leisure activities, disability, and approaching death.

PSYCH 322 Problems in Psycholinguistics (C) 3 hrs, 3 cr. Prereq: PSYCH 270, or perm instr. and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Psychological and psychophysical basis of language comprehension, production, and acquisition from experimental and theoretical perspectives; the relationship between language and the cognitive processes of perception, memory, and representation.

PSYCH 323 Child Psychopathology (A; D/S) 3 hrs, 3 cr. Prereq: PSYCH 212 or 223, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes, and treatments.

PSYCH 327 Motivation (B; C) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH at or above the 200 level, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. The problem of how behavior is initiated, maintained, directed, and terminated. Human and non-human research evaluated.

PSYCH 328 States of Consciousness (C) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses at or above the 200 level, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. The subjective and physiological aspects of consciousness; the means by which it may be altered: hypnosis, dreams, drugs, meditation, and mysticism; psychosis.

PSYCH 340 Industrial and Organizational Psychology (A) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH at or above the 200 level, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. A review of research and theories on the effects of leadership, human relations, motivation and organizational structures on behavior in business and industrial settings; applications of personnel psychology, motivational psychology, and human factors engineering in the work place; job analysis, employee selection, leadership, performance appraisal, power and authority, work motivation, and organizational communication.

PSYCH 350 Learning Theory (C) 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses at or above the 200 level, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Theoretical and experimental approaches to human and animal learning; the relationship between systematic theory models and methodology; analysis of the historical and contemporary major contributions to learning theories.

PSYCH 361 Psychological Tests (A) 3 hrs, 3 cr. Prereq: Completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Introduction to the principles of psychological assessment; major methods of measuring general ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.

PSYCH 369 Drugs and Behavior (B) 3 hrs, 3 cr. Prereq: PSYCH 300 or perm instr, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Neurochemical substrate of brain functioning; historical context and social ramifications of drug use.

PSYCH 370 Psychology of Cognitive Development (C; D/S) 3 hrs, 3 cr. Prereq: PSYCH 270 or perm instr, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. A comparative information processing perspective on the development of mental structure and functioning, including perception, memory, problem solving, self-awareness of thinking, intelligence, concept formation and language development.

PSYCH 380 Microcomputers in Psychological Research 3 hrs, 3 cr. Prereq: perm instr, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. An introduction to the fundamentals of microcomputer programming and digital electronics, including the structure of a computer language (BASIC), digital logic, interfacing, and computer memory. Students learn to program psychological experiments, collect data, perform statistical analyses, and control peripheral devices by microcomputer. Designed for advanced undergraduates.

PSYCH 390 Special Topics in Psychology III 3 hrs, 3 cr. Prereq: perm instr, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Readings and discussion on a selected problem or topic area. Topics vary from semester to semester.

PSYCH 395 Independent Research in Psychology 3 hrs, 3 cr. Prereq: perm instr, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. *This course may be applied to the major once.* It is designed to meet the needs and interests of individual students under the direction of a particular instructor at a more advanced level than PSYCH 201. Such study may involve independent reading, tutorials, independent research projects, or participation in ongoing faculty research, any of these culminating in an APA-style research report or literature review. Field Placements (internships) cannot be granted credit as PSYCH 395; however, supervised Field Placement taken in conjunction with PSYCH 361 (Psychological Tests) will be granted credit as PSYCH 395.

PSYCH 396 Honors in Psychology 3 hrs, 3 cr. Prereq: Psychology GPA 3.5, and overall cumulative GPA 3.00, and perm instr, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 396. Honors in Psychology is typically a one-semester course; however, when a PSYCH 396 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 398. If taken, the student must receive a grade of A in both PSYCH 396 and 398 to graduate with departmental honors.

PSYCH 398 Honors in Psychology 3 hrs, 3 cr. Prereq: PSYCH 396 and perm instr. Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 396 and 398 to graduate with departmental honors.

PSYCH 400 Special Topics in Psychology IV 3 hrs, 3 cr. Prereq: perm instr, and completion of ENGL 120 with a minimum grade of C, and completion of one semester of an acceptable laboratory science sequence with a passing grade, and completion of PSYCH 248 (Statistical Methods in Psychological Research) with a minimum grade of C, and completion of PSYCH 249 or 250, and declaration of a psychology major. Readings and discussion on a selected problem or topic area. Topics vary from semester to semester.