Poultry Science

PSYCHIATRY

College of Human Medicine
College of Osteopathic Medicine

590. Special Problems in Psychiatry
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Human Medicine students; graduate students with approval of department. Each student will work under direction of a staff member on an experimental, theoretical or applied problem.

608. Psychiatry Clerkship
Fall, Winter, Spring. 1 to 17 credits. May re-enroll for a maximum of 43 credits. Approval of department. A program designed to permit the student to become familiar with and participate in the contemporary practice of psychiatry utilizing supervisory in-patient, out-patient, emergency and community mental health services.

161. Topics in Introductory Psychology: Social-Personality
Fall, Winter, Spring, Summer. 2(3-0) 100 must be elected concurrently. A small-enrollment discussion class for students enrolled in 160 who are interested in discussing a particular psychological topic in depth. A number of different sections will be offered, each discussing a different topic.

170. Introductory Psychology: General
Fall, Winter, Spring, Summer. 4(4-0) Principles underlying the behavior of humans and animals. Topics include: cognition, emotion, motivation, learning, sensation, and perception. Students may participate in psychological experiments outside of class.

215. Introduction to Psychological Measurement
Fall, Winter, Spring, Summer. 4(3-2) 100 or 170. Psychology as a quantitative discipline; graphical presentation and interpretation; psychological data in various content fields; methods of summarizing behavioral data; samples, populations and probability in psychological research; hypothesis testing.

225. Psychology of Personality
Fall, Winter, Spring, Summer. 3(3-0) 100 or ED 200 or Sophomores with approval of department. Application of psychological principles to an introductory understanding of personality and interpersonal adjustments; social motivation, frustration, conflicts, and adjustment mechanisms; theories of adjustment, the assessment of personality, problems of mental hygiene and some theories of psychotherapy.

245. Introduction to Child Psychology
(345.) Fall, Winter, Spring, Summer. 4(4-0) 160 or 170 or ED 200. Psychological development of the child; genetic, prenatal and postnatal influences; infancy, preschool and school age periods; relations with parents and peers; social, emotional and intellectual development.

246. Sensitivity to Children I
Fall, Winter, Spring, Summer. 3(3-0) Sophomores and three credits in psychology; not open to Seniors. Three-term sequence emphasizes supervised weekly play with a child and analysis of videotaped recordings. Readings and discussions cover problems faced by child therapists, teachers and parents.

247. Sensitivity to Children II
Winter. 3(2-2) 246. Continuation of 246.

248. Sensitivity to Children III
Spring. 3(2-2) 247. Continuation of 247.

255. Organizational and Personnel Psychology
Fall, Winter, Spring, Summer. 3(3-0) Introductory course in psychology. The psychology of managing and leading, personnel operations, and the humanizing of work organizations.
290. Human Sexuality
Winter, Spring. 3(2-0) Credit may not be earned in both FCS 495 and PSY 290. Sophomores.
Lecture and discussion of the fundamental principles of human sexuality focusing on such topics as psychology, psychological development, cultural perspectives, gender roles, premarital standards, values and human interactions.

301. Human Learning and Memory
Fall, Winter, Spring. 4(4-0) 170 or 215.
Concepts, procedures, issues, and principles involved in the acquisition, retention, transfer and execution of verbal learning, identification learning, and perceptual-motor skills.

302. Human Learning and Performance
Fall. 3(0-4) 215. 301.
Represents demonstrations, exercises, and experiments concerned with the acquisition, retention, transfer, and execution of verbal learning, identification learning, and perceptual-motor skills.

304. Psychological Psychology
Fall, Spring. 3(3-0) One course in experimental psychology and one elementary course in zoology, biology or psychology.
Physiological mechanisms underlying basic behavioral processes, including sensation, emotion, motivation and learning.

308. Psychology of Thinking
Winter. 3(3-0) 170, or ED 200, 215; one additional course in experimental psychology recommended.
Principal concepts, theories and research on cognitive process and thinking, including problem solving, creative and critical thinking, reasoning, and concept formation. Experimental analysis, individual differences and information-processing approaches.

310. Sensation and Perception
Fall, Winter, Spring. Summer of even-numbered years. 3(3-0) 170, 215; 311 concurrently.
Concepts, issues and principles in the areas of sensation and perception.

311. Experimental Psychology: Sensation and Perception
Fall, Winter, Spring. Summer of even-numbered years. 3(0-4) 170, 215; 310 concurrently.
Representative experiments and demonstrations in the areas of sensation and perception.

312. Learning and Motivation
Fall, Winter, Spring. Summer of odd-numbered years. 3(3-0) 170, 215; 313 concurrently.
Detailed analysis of basic conditioning processes such as reinforcement, discrimination, generalization, punishment, aversive behavior, and theories of learning. Emphasis on intrahuman data, but applications to human behavioral modification are considered.

313. Experimental Psychology: Learning and Motivation
Fall, Winter, Spring. Summer of odd-numbered years. 3(0-4) 170, 215; 312 concurrently.
Representative experiments in operand behavior, including an individual project selected by the student, using the pigeon as the laboratory animal.

315. Psychometric Methods
Fall, Winter, Spring, Summer. 3(2-2) 215 or approval of department.
Applications of statistical methods and techniques to psychological data in relation to theories, hypotheses, assumptions and interpretation.

325. Traits and Abilities
Spring. 3(3-0) 215.
Ways in which individuals differ in personality: theories, methods and techniques for understanding and studying personality organization and structure in relation to causation and prediction.

335. Principles of Social Psychology
Fall, Winter, Spring. Summer. 4(4-0) 160.
Students may not earn credit in both 335 and SOC 251.
A critical survey of social psychology with emphasis on psychological principles underlying social behavior. Topics include social perception; motivation; attitudes and attitude change; social interaction in small groups and in large-scale organizations.

336. Psychology of Social Movements
Fall, Spring. 3(3-0).
Psychology of political, religious, and other social movements; group identifications and affiliation, socialization, conversion, and defection; the perception of social movements by members; influences of motivation and personality on ideologies and social movements.

337. Legal and Criminal Psychology
Fall, Winter, Spring. 3(3-0) 160 or ED 200.
Application of psychological principles, methods and techniques to legal and criminal problems and procedures, including the formation, detection, prevention, and rehabilitation of criminal behavior, testimony, legal arguments, trial tactics and the other courtroom procedures.

345. Adolescence Psychology
Winter, Spring, Summer. 3(3-0) 245.
Continuation of 245 covering development and maturation during adolescence, with emphasis on problems of the adolescent's adjustment to his personal and social environment.

355. Psychology of Human Relations in Work Setting
Fall, Winter, Spring. 3(3-0).
Preventing and solving problems among individuals and groups in work organizations; psychological and legalistic approaches compared; illustrations mainly from United States but also from other cultures as appropriate.

357. Psychology of Advertising and Selling
Winter, Spring. 3(3-0) An introductory course in psychology.
Psychology underlying techniques of effective advertising, selling, and marketing and, at the same time, psychology relevant to living in a marketing-oriented culture.

370. Psychology and Social Innovation
Winter. 2(2-0) A social science research methods course or approval of department.
Planning, implementing and evaluating experimental approaches to social problems. Topics include: adoption of innovations; field research problems; science and policy formation; parameters of program evaluations.

390H. Honors Seminar
Fall. 3(3-0) Juniors or approval of department.
Review of research areas in psychology to focus students' interests. Preparation for the senior project.

400H. Honors Work
Fall, Winter, Spring, Summer. 3 to 5 credits. May be re-earmarked for 4 terms. Approval of department.
Seminars in advanced psychological topics, including both factual data and theoretical concepts. Topics include perception, learning, motivation and personality.

401. Experimental Psychology: Perception
Water. 4(3-4) 215, 310, 311.
Critical examination of problems, principles, methods, techniques, materials, results and conclusions in relation to theory in studies of perception, including experimentation and demonstrations.

403. Experimental Psychology: Human Learning
Fall, Winter, Spring. 4(3-2) 215; 308 or approval of department.
Critical examination of problems, principles, methods, techniques, materials, results and conclusions in relation to theory in studies of human learning, including experimentation and demonstrations.

404. Experimental Psychology: Problem Solving
Spring. 4(2-4) 215 and 308, or approval of department.
Investigations of problem solving, concept formation and judgement; class and individual experiments.

405. Modern Viewpoints in Psychology
Fall, Winter, Spring. 4(4-0) 310 or 311.
Survey of psychological systems in the modern era including behaviorism, Gestalt psychology, psychosynthesis, neo-behaviorism in relation to other selected disciplines.

406. Psycho-ethology
Spring. 4(4-0) Six credits of psychology or ZOL 412 or 413.
Comparative and ethological methods and their application to behavior with emphasis on animals other than humans. Review of research on animal behavior, early experience, learning, motivation, and physiological processes.

409. Advanced Concepts in Psychological Psychology
Fall, Winter, Spring. 4(4-0) 304 or approval of department.
Detailed analysis of advanced concepts in psychological psychology, such as vision, audition, somatic sensation, chemical senses, motivation, emotion, perception, arousal, learning, and the influence of hormones on behavior.

414. Psycholinguistics
Fall, Winter, Spring. 4(4-0) 310 or 312.
Psychological processes underlying meaning, control of verbal behavior, language learning in children and adults, bilingualism, verbal aptitude, and verbal habits in learning and perception.
415. Psychological Tests and Measurements
Fall, Winter, Spring. 5(4-0) 215.
Survey of methods, techniques and instruments for measuring individual differences in behavior: some representative methods of test construction, a critical analysis of representative test criteria for evaluating and selecting tests, values and limitations of tests, laboratory experience with tests.

425. Abnormal Psychology
Fall, Winter, Spring, Summer. 4(4-0) 225.
Nature of abnormal behavior and its social significance: description of symptoms and dynamics of psychological disorders; the neuroses and psychosomatic reactions, sociopathic behavior and character disorders, functional and somatogenic psychoses; some consideration of therapies and theories of prevention.

426. Survey of Clinical Psychology
Fall, Winter, Spring. 3(3-0) 226.
Clinical psychology: types of problems; diagnostic instruments, methods and techniques, individual and group therapeutic theories, methods and techniques; professional roles for clinical psychologist.

427. Personality: Dynamic Theories
Fall, Winter, Spring. 3(2-0) 425.
Survey of personality theories of development, structure, and dynamics related to learning, determinants, cultural influences, behavioral disorders and assessment methods.

428. Psychology of Physical Disability
Spring. 3(0-3) 429.
Psychological problems, principles and practices in physical disabilities and handicaps; psychological assessment and diagnosis; counseling and placement; re-education and retraining; attitudes, motivations, and emotion; psychological rehabilitation and adjustment.

430. Experimental Psychology: Personality
Fall, Winter. Spring. 3(3-0) 215;
310 or 313; 430 concurrently.
Critical survey of experimental investigations of personality dynamics and the effects of individual differences on social interaction; consideration of stress and anxiety, response set, cognitive styles, risk taking and subjective probabilities, and aggression. Emphasizes experimental techniques most relevant for those with clinical and social psychological interests.

431. Experimental Psychology: Personality
Fall, Winter, Spring. 2(0-4) 215;
311 or 313; 430 concurrently.
A laboratory course coordinated with PSY 430, with laboratory demonstration and experiments, conducted by the students, designed to clarify issues in the experimental study of personality, and to provide experience with a variety of investigatory techniques.

432. Psychology of Communication and Persuasion
Fall, Spring. 3(3-0) 335 or SOC 251.
Psychological processes underlying communication and persuasion; learning and using communication in interpersonal relations; effects of communication themes, techniques, symbols, and formats on thought, attitude, and personality of audiences.

437. Psychology of Political Behavior
Fall, Winter, Spring. 3(3-0) 335 or SOC 251; 6 or 6 credits in sociology or political science. Interdepartmental with the Department of Political Science.
Psychological theories, principles, methods and techniques applied to political behavior; belief systems; personality influences; decision making, psychological patterns in legislative voting, political leadership, interpersonal and international relations and tensions.

438. Research Methods in Social Psychology
Fall, Winter, Spring. 4(2-4) 315; 335 or SOC 251; 1 course in experimental psychology.
Critical examination of problems, principles, methods and techniques; directions and trends in social psychology; selected topics in social psychology, including understanding social behavior, the psychology of social influences, and social psychologists as researchers.

439. Selected Topics in the Psychology of Women
Fall, Spring. 3(3-0) 439. May enroll for a maximum of 6 credits when different topics are offered. Nine credits in psychology may be counted as approval of department.
Selected topics: e.g., achievement and affiliation behavior; sex-typed behavior and identity; psychological socialization of women; personality perspectives; psychology of women; professional and traditional orientations; third world women.

444. Selected Topics in Developmental Psychology
Fall, Spring. 4(4-0) 444. May enroll for a maximum of 12 credits when different topics are taken. 160, 170, 215, 345 or approval of department.
Selected topics in developmental psychology: e.g., perceptual-cognitive development; language development; moral development; attention and learning; socialization, play, peer relations.

445. Psychology of Exceptional Children
Fall, Summer. 3(3-0) 445. Nine credits in psychology or education including at least 2 courses in child behavior.
Psychological problems of children having superior or inferior intellectual ability; evaluation of research studies. Identifying such persons, assessing their potentials and limitations, planning their education and social adjustment.

446. Developmental Psychology: Research Methods
Fall, Spring. 4(2-4) 311 or 313; 348, 444.
Methods of research in developmental psychology including methods used with both human and infra-human organisms.

455. Personnel Research Techniques
Fall, Spring. 4(3-2) 215, 335.
Quantitative psychological research techniques applied to typical personnel problems in industry and government.

456. Personnel Training and Development
Spring. 4(4-0) 336 or MGT 414.
Each student develops skills called for in interview training, work-related employee supervision, and management of industry, business, and government—all in an organization development frame of reference. Relevant research reviewed.

457. Personnel Interviewing
Winter. 4(4-0) 356 or MGT 414.
Each student develops skills called for in interview training, work-related employee supervision, and management of industry, business, and government—all in an organization development frame of reference. Relevant research reviewed.

485. Psychology of Music
Fall, Winter, Summer. 3(3-0) Approval of department. Interdepartmental with the Music Department.
Musical behavior with emphasis on psychological aspects of perception, learning, affective response, and ability. Emphasis on social and cultural influences in forming musical tastes, including mass media music.

487. Psychology of Love and Maturity
Fall, Winter, Summer. 3(2-2) 487. Interdepartmental with the Music Department.
Basic research concepts and experimental methods in psychology of music research. Practical training in conducting experimental research of musical behavior.

489. Humanistic Psychology
Fall, Spring. 4(4-0) 489.
Subject matter is drawn from the psychology of personality in its various forms. The usual approaches of the behavioral sciences are subject to critical analysis. One goal is to derive some elements of a philosophy of life for man as a potentially rational and ethical being.

490. Special Problems in Psychology
Fall, Winter, Spring. Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Combined credits in 490 and 491 may not exceed 12. Approval of department.
Each student will work under direction of a staff member on an experimental, theoretical, or applied problem.

491. Participation in Psychological Projects
Fall, Winter, Spring. Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Combined credits in 490 and 491 may not exceed 12. Approval of department.
Each student will participate in a psychological project under direction of a staff member.

499H. Senior Project
Fall, Winter, Spring. 3(0-8) May re-enroll for a maximum of 6 credits. 390H or approval of department.
Independent research involving literature survey, naturalistic observation, or experimental investigation with staff supervision. Preparation of the Senior paper.

500. Conditioning and Learning
Fall, 4(2-0)
Detailed stimulus-response analysis of the basic operations of conditioning and learning, including such variables as reinforcement, motivation, and inhibitory effects, with an emphasis on infra-human data.
801. Perception  
Fall. 4(3-0) Majors or approval of department.  
Consideration in depth of selected topics in perception. Integration of theoretical and empirical material.

802. Advanced Experimental Psychology: Comparative  
Spring. 4(2-4) One course in experimental psychology and 315.  
Critical examination of theories and data relating particularly to behaviors of sub-humans. The comparative method as applied to innate behavior and behavior modification.

806. Advanced Comparative Psychology  
Fall. 4(3-0) Majors or approval of department.  
Behavior of infrahuman organisms with emphasis on general behavior processes as seen in a variety of animal forms. The comparative method as applied to innate behavior and behavior modification.

808. Cognitive Processes  
Fall. Spring. 4(3-0) A course in experimental psychology. Critical survey of theories and research on such topics as problem solving, creative thinking, reasoning, judgement, decision making, formation and use of concepts and principles.

810. Human Learning and Performance  
Spring. 4(3-0) Majors or approval of department.  
Experimental findings and theoretical analyses of the acquisition, retention, transfer, and execution of verbal materials and perceptual-motor skills. Selected demonstrations of major phenomena.

811. Advanced Physiological Psychology  
Spring. 4(3-0) Majors or approval of department.  
Psychology as a biological science. Consideration of physiological events underlying organism-environment interaction.

814. Psychology of Language  
Spring. 4(3-0) Critical survey of research on language acquisition, utilization, and modification; psycholinguistic considerations in study of learning, perception, motivation, and cognitive processes.

815. Advanced Psychometrics  
Fall. Winter. 4(4-0) 315.  
Theory and practice in analysis and interpretation of psychological data.

816. Advanced Psychometrics  
Winter. Spring. 4(4-0) 815.  
Continuation of 815.

817. Advanced Psychometrics  
Spring. 4(4-0) Multivariate methods of test analysis: multiple and partial correlation, factor and pattern analysis.

818. Test Construction  
Winter. 4(4-0) 816.  
Theory, methods, and techniques in the preparation and development of psychological test items and tests.

820. Mathematical Models in Psychology I  
Fall. 4(4-0) MTH 111 and STT 201 or approval of department.  
Discussion of the relationship between mathematical and psychological theory. Examination of the concepts of structure and change in qualitative psychological systems. Application of algebraic techniques to psychological theory.

821. Mathematical Models in Psychology II  
Winter. 4(4-0) 820 or approval of department.  
Representative mathematical models in psychology, attending particularly to stochastic models and the relationship between models and data. Advantages of various models for different psychological problems.

822. Computer Models in Psychology  
Spring. 4(3-2) An undergraduate mathematics course and approval of department.  
Use of an electronic computer as a tool in theory construction. Simulation of complex psychological processes. Computerized models in several psychological content areas.

827. Personality Theory I  
Fall. 4(3-0) Majors or approval of department.  
Freudian and neo-Freudian conceptualizations of personality and psychopathology. Examination of basic constructs, theory of psychosocial development; psychotherapeutic implications.

828. Clinical Assessment I  
Fall. 2(0-4) Majors or approval of department.  
Assessment of psychodynamics and psychopathology. Individual case studies based on interviews and psychological tests. Behavioral correlates of psychodynamic problems.

829. Personality Theory II  
Winter. 4(3-0) Majors or approval of department.  
Developmental and social-learning approaches to personality and psychopathology; social learning and psychodynamics, socialization, maturational theories, applications of classical and operant conditioning. Psychotherapeutic implications.

830. Clinical Assessment II  
Winter. 2(2-4) 828 or approval of department.  
Clinical assessment of children. Individual case studies making systematic use of behavior observations, interviews, and standardized tests. Integration of data and principles of development of new assessment procedures.

831. Personality Theory III  
Spring. 4(3-0) Majors or approval of department.  
Interpersonal and phenomenological approaches to personality theory. Survey of major conceptualizations and principles relating to the presentation of self in individual and group settings. Psychotherapeutic implications.

832. Clinical Assessment III  
Spring. 2(0-4) 830 or approval of department.  
Self-appraisal and investigation of interpersonal transactions in two-person and larger groups. Standardized techniques, individual case studies, and principles of development of new methods.

835. Experimental Psychology: Social  
Fall. 4(3-4) One course in experimental psychology and 315.  
Intensive experience in designing, executing, reporting and evaluating research in social psychology, including an individual research project.

837. Psychological Aspects of Politics  
Fall, Winter, Spring. 4(3-0) Interdepartmental with and administered by the Political Science Department.  
Relevance of psychological concepts, theories and methods for the study of political institutions, organizations, and behavior.

840. Advanced Social Psychology: Cognitive Approaches  
Winter. 4(3-0) 815; 20 credits in the social sciences.  
Contemporary theory and research in social psychology dealing with attitudes, organization and cognition, values, attitudes and behavior, attitudes change and balance theories.

841. Advanced Social Psychology: Group Processes  
Spring. 4(4-0) 815; 20 credits in social sciences.  
Contemporary theory and research dealing with the individual in a group context.

845. Infancy and Early Childhood  
Spring. 4(3-1) Majors or approval of department.  
Human infancy: conception to three years. Developmental study of: prenatal life, personality, learning, perception, sensory stimulation and deprivation, neurophysiology, psychophysiology, language and cognition.

846. Advanced Child Psychology  
Fall, Spring. 4(3-0) Psychological theories and research methods and findings related to the intellectual, emotional, perceptual, social, and personality development of the child.

855. Engineering Psychology: Individual Man-Machine Behavior  
Winter. 4(3-0) Behavior of individuals operating equipment; effects of control and display design, cockpit layout, legibility, physical dimensions; principles for reducing errors; applications to aerospace, military, highway, industrial, and other problems.

859. Personnel Development  
Spring. 4(2-2) Fifteen graduate credits. Psychological principles in the training and development of personnel at all organizational levels with special attention devoted to managerial leadership.

860. Advanced Industrial Psychology  
Fall. 4(3-0) Twenty credits in the behavioral sciences or organizational behavior, and a course in statistics. Industrial and organizational psychology as a science and as a profession.
862. Organizational Psychology
Winter. 4(2-0) Fifteen graduate credits.
Survey of current theories of individual behavior in complex organizations. Examples from research in industry, government, and other complex organizations.

865. Advanced Neurobiology
Winter of odd-numbered years. 3(2-0)
BYF 885. Interdepartmental with the departments of Biophysics, Biomechanics, Physiology and Zoology and administered by the Department of Biomechanics.
Basic organization, structure and function of neural networks comprising sensory, motor, and autonomic systems including examples from invertebrates and vertebrates.

866. Personnel Selection and Evaluation
Fall. 4(2-0) Fifteen graduate credits.
Critical treatment of research methods and instruments in personnel selection and evaluation as applied to governmental, business and industrial situations.

867. Field Training in Industrial Psychology
Fall, Winter, Spring. Variable credit.
Fifteen graduate credits in organizational behavior courses and approval of instructor.
Field experience in selected companies to provide students with training in consulting and research on organizational problems.

868. Psychological Theory and Research in Advertising
Winter. 4(2-0) Ten graduate credits.
Psychological theory and supporting research in advertising and in closely related efforts to persuade and influence marketing situations.

870. Introduction to Research Methods in Ecological Psychology
Spring. 4(4-0) 815, 816, 817 or approval of department.
What and why of experimental ecological psychology: planning, action, evaluation, dissemination of information. Researchable problems, balancing the needs of research trainees, identifying ecological variables. Class work and community research.

871. Advanced Research Methods in Ecological Psychology
Fall. 4(4-0) 870.
Applications of ecological psychology: measurement; hypotheses and research plans; initiating, maintaining, terminating naturalistic psychological research; evaluating and publishing results. Review of selected experiments. Class work plus research in community.

872. Experimental Production of Social Change
Winter. 4(4-0) 870, 871.
Use of psychological research to produce social change. Creation of acceptance of social change. Examination of effectiveness of experimental interventions with social systems. Class work plus community research.

885. Vertebrate Neural Systems I
Fall of even-numbered years. 5(3-4)
Approval of department; ANT 815 and BYF 823 recommended. Interdepartmental with the Zoology, Biophysics, and Physiology Departments.
Structure and function of major component systems of vertebrate brains, their evolution, ontogeny, quantitative analysis in mammals, birds, reptiles, amphibians and fish. Interrelation of behavioral, anatomical, and physiological studies.

886. Vertebrate Neural Systems II
Winter of even-numbered years. 5(3-4)
885. Interdepartmental with the Biophysics, Physiology and Zoology Departments and administered by the Zoology Department.
Continuation of 885. Major component systems of vertebrate brains, their evolution, ontogeny, and comparative analysis in mammals, birds, reptiles, amphibians and fish. Interrelation of behavioral, anatomical, and physiological studies.

889. Advanced Issues in Humanistic Psychology
Spring. 4(3-1) May re-enroll for a maximum of 6 credits. Approval of instructor.
Identification and critical evaluation of social and philosophical issues tacitly imbedded in psychology, e.g., the specificity of the nature of man, human versus physical reality; freedom; modes of knowledge; ethical values.

890. Special Problems
Fall, Winter, Spring, Summer. Variable credits. Approval of department.

899. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

902. Special Research Techniques
Fall, Winter, Spring. 1 to 4 credits. May re-enroll for a maximum of 12 credits. Graduate students and approval of department.

902A. Laboratory in Advanced Physiological Psychology I
Fall, Winter, Spring. 5(3-4) Graduate students and approval of department.
Physiological mechanisms underlying behavior. Development of skills in the methods, techniques, and instrumentation necessary for research in a variety of areas concerned with physiology and behavior with special emphasis on ablative procedures.

902B. Laboratory in Advanced Physiological Psychology II
Winter. 5(3-4) 902A.
Detailed examination of the physiological mechanisms underlying behavior. Development of skills in the methods, techniques, and instrumentation necessary for research in a variety of areas concerned with physiology and behavior with special emphasis on electrical stimulation and recording.

905. History and Systems
Winter. 4(3-0) Thirty graduate credits in psychology.
Major scientific, cultural, philosophical, and personal influences in the development of psychology. Analysis of persisting issues.

914. Seminar in Advanced General Psychology
Fall, Winter. Spring. 1 to 4 credits. May re-enroll in different areas for maximum of 16 credits. Thirty graduate credits with 15 of them in psychology.

926. Personality Measurement I: Free Response Techniques
Fall. 4(3-1) Thirty graduate credits in psychology, including 815.
Development, validation, and other characteristics of selected free response measures; use in current personality research.

927. Personality Measurement II: Structured Measures and Measures of Overt Behavior
Fall, Winter, Spring. 5(4-1) Thirty graduate credits in psychology, including 815.
Structured questionnaires and behavioral measures as tools in personality research. Development and characteristics of existing and new instruments.

928. Practicum: Psychological Clinic I
Fall. 3(2-3) Approval of department.
Introduction to clinical evaluation and treatment. Supervised experience in psychodiagnosis and psychotherapy of adults and children in the Psychological Clinic. Primary focus on work with families. Didactic seminars in related theory and research.

930. Practicum: Psychological Clinic II
Winter. 3(2-2) 928.
Continuation of 928.

932. Practicum: Psychological Clinic III
Spring. 3(0-6) 930.
Continuation of 930.

934. Seminar in Personality
Fall, Winter, Spring. 1 to 4 credits.
May re-enroll in different areas for a maximum of 16 credits. Thirty graduate credits with 15 of them in psychology.
Clinical study of a selected area such as theory, assessment, dynamics, structure, the self and determinants.

935. Contemporary Theory and Research in Social Psychology
Fall. 3(2-0) Thirty graduate credits in psychology.
An intensive analysis of contemporary social psychological research, monographs illustrating theoretical and methodological positions.

936. Attitudes and Personality
Winter. 3(2-0) Thirty graduate credits.
Review and analysis of research on attitudes, beliefs and opinions, authoritarianism, pseudo-autoritarianism, and democratic personality; functions, resistance to change and relation to value systems and ideology.

937. Individual Behavior and Complex Groups
Spring. 3(2-0) Thirty graduate credits.
Problems of research design and experimental method in the study of the relationship of the individual to the complex organization.

944. Seminar in Social Psychology
Fall, Winter, Spring. 1 to 4 credits.
May re-enroll in different areas for maximum of 16 credits. Thirty graduate credits or approval of department.
Critical study of a selected area such as roles, communication and persuasion, individual interaction within small and large groups, behavior in relation to norms and interpersonal distance.
980. Practicum: Individual Counseling and Psychotherapy
Winter. 3(2-3) 979 and approval of department.
Detailed study of psychotherapeutic interviews aimed at developing skill as a psychotherapist. Therapeutic and assessment techniques, interview dynamics and psychotherapeutic movement studied by means of verbalization transcriptions, tape recordings, films, role playing, and observation.

981. Practicum: Counseling and Psychotherapy
Spring. 3(2-2) 980 and approval of department.
Counseling with a variety of clients at the University Counseling Center. Group and individual discussions of problems, processes, counselor-client interaction, and professional ethics.

982. Advanced Practicum: Counseling and Psychotherapy
Fall, Winter, Spring. Variable credit.
981.
Counseling and psychotherapy with a variety of clients at the University Counseling Center.

983. Child Psychotherapy
Winter. 3 to 4 credits. 981.
Dynamic process underlying therapy with children; methods and techniques; the child’s symbolic communications through language, art, and play materials; assessing progress of therapy; review of research. Practicum cases.

984. Group Psychotherapy
Spring. 3(2-2) 981.
Research-oriented treatment of the theories, principles and techniques in group psychotherapy. Role of the leader, problems of member selection and evaluation of progress. Limited, supervised experience as a group participant.

985. Seminar in Clinical Psychology
Fall, Winter, Spring. 1 to 4 credits. May re-enroll for a maximum of 16 credits. 40% graduate credits in psychology.
Clinical study of a selected area such as theories, diagnosis, projective techniques, psychotherapies, hypnosis, psychopathologies.

999. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

PUBLIC AFFAIRS MANAGEMENT
See Agricultural Economics

RACIAL AND ETHNIC STUDIES

College of Social Science
College of Urban Development

313. Development of American Indians as an Ethnic Minority
Spring. 4(4-0) Majors: Spring 202; others: approval of department. ANP 419 recommended.
The history of the contact between Euro-Americans and American Indians is examined from the perspective of Native Americans.


Racial and Ethnic Studies - Descriptions of Courses

333. Contemporary Problems of American Indians
Spring. 4(4-0) 313.
An overview of contemporary American Indian problems including their background in federal policies, protest movements, and possible solutions.

363. The Formation of the Black Urban Working Class
Fall, Winter, Spring, Summer. 4(4-0) Majors or approval of department.
The historical formation of the urban black working class and the effects of racial and economic oppression on its culture, social institutions and world view.

385. Housing Problems of Minorities in Urban Areas
Fall, Spring. 4(4-0) U D 206. U P 403 recommended. Interdepartmental with the Department of Urban and Metropolitan Studies.
A study of the housing problems of minority groups with special emphasis on low cost housing.

401. Black (African) Diaspora
Fall. 4(4-0) Majors: Juniors and U D 202; others: approval of department.
Critical inquiry and analysis of the dispersion of black people in global perspective. Historical orientation to settlement patterns, economic, social and political change and development.

402. Chicano Dramatic Expression
Spring. 4(4-0) U D 202 for majors; others: approval of department.
An overview of Chicano Dramatic Expression. Focuses on cultural and historical roots of Chicano drama, including Religious Folk-Theatre; contemporary expression, including guerrilla-political and cultural theater.

417. Minorities and Women in the World of Work
Fall, Spring. 4(4-0) Senior majors or approval of department. Interdepartmental with the Department of Management and the School of Social Work and administered by the Department of Management.
Racial, ethnic, sexual and other minority experiences and problems in the world of work. Awareness training approach (what it’s like to be ). Featuring minority guests, subgroup discussions and encounter-type exercises.

480. Independent Study
Fall, Winter, Spring. Summer. 2 to 4 credits. May re-enroll for a maximum of 12 credits. College core or approval of department.
Supervised individual research in a racial or ethnic problem area of interest.

485. Selected Topics in Racial and Ethnic Studies
Fall, Winter, Spring. 4(4-0) May re-enroll for a maximum of 12 credits. College core or approval of department.
Contemporary issues and problems in the minority programs.