964. Selected Topics in International Relations
Winter. 4(3-0) May re-enroll for a maximum of 12 credits. Approval of department.

971. Classical and Medieval Political Thought
Spring of odd-numbered years. 4(3-0) Systematic analysis of selected works of such classical philosophers as Plato, Aristotle, and others whose work provides both an understanding of the premodern political perspective of the Western World and the philosophical underpinnings of modern political thought.

972. Modern Political Thought
Spring of even-numbered years. 4(3-0) Systematic analysis of selected works of such writers as Machiavelli, Hobbes, Locke, Montesquieu, Hume, Rousseau, Burke, Mill, Marx or other political philosophers. Special attention is given to those writers works relevant to understanding the philosophical foundations of contemporary social science and ideology.

973. American Political Thought
Fall of odd-numbered years. 4(3-0) Study of the thinkers and social forces which have shaped American political ideology.

974. Contemporary Political Ideas in Selected Areas
Fall of even-numbered years. 4(3-0) May re-enroll for a maximum of 12 credits. Approval of department.

980. Seminar
Fall, Winter, Spring. 5 to 15 credits. May re-enroll for a maximum of 45 credits. Intensive training in individual or group research. Section of the seminar may involve one or more doctoral fellows and the credit earned will vary accordingly.

993. Readings in Political Science
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 10 credits.

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

864. Selected Topics in International Relations
Winter. 4(3-0) May re-enroll for a maximum of 12 credits. Approval of department.

411. Poultry Seminar
Fall, 1(2-0) May re-enroll for a maximum of 3 credits. Special articles and reports.

413. Avian Nutrition
Fall. 4(3-3) ANS 325. Factors affecting digestion and utilization of dietary ingredients, and factors involved in the hatching of eggs.

424. Poultry Breeding and Incubation
Winter of even-numbered years. 4(3-2) ANS 461. Genetic and biological factors affecting economic characteristics including egg production, egg size, hatchability, growth and viability, and factors involved in the hatching of eggs.

435. Poultry Industry-Management and Marketing
Spring of even-numbered years. 5(4-2) 224 or approval of department. Practical application of economic and management principles to commercial poultry enterprises.

440. Avian Physiology
Spring of odd-numbered years. 4(3-3) Approval of department. Interdepartmental and administered jointly with the Physiology Department. A survey of the systemic physiology of birds emphasizing digestion, metabolism, the endocrines, and reproduction.

454. Avian Disease Prevention and Treatment
Winter of even-numbered years. 4(3-3) MPH 200 or B 5 212 or approval of department. Microbiological concepts; causes, preventive and therapeutic methods for poultry diseases, laboratory diagnosis, and experiments.

Winter. 3(4-0) For course description, see Interdisciplinary Courses.

800. Advanced Poultry—Special Problems
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

801. Advanced Poultry Seminar
Fall, Winter, Spring. 2 credits. May re-enroll for a maximum of 6 credits. Approval of department.

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

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

PSYCHOLOGY

107. Motivation and University Life
Fall, Winter, Spring. 2(3-0) For Freshmen and Sophomores with a 2.5 grade point average or lower; approval of department. Interdepartmental and administered jointly with the Psychology Department. Seminars on topics of current interest relating psychological principles to problems of university life. Topics include behavior motivation, attitudes and values, perception of self and others, and learning processes.

160. Introductory Psychology: Social-Personality
Fall, Winter, Spring, Summer. 3(3-0) The complex functioning of the individual in his social environment will be considered. Topics include: socialisation, interpersonal perception, group processes, motives, emotions, attitudes, and values. Students may participate in psychological experiments outside of class.

161. Topics in Introductory Psychology: Social-Personality
Fall, Winter, Spring. 2(2-0) 160 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 Method Fall, Winter, Spring, Summer. 4(4-0)
Principles underlying the behavior of humans and animals. Topics include: cognizance, 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(3-3)
Psycho 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(0-3)
160 or 170 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, conflict, 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. 4(4-0)
160 or ED 200 or Sophomores with approval of department.
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. 2(2-1) Sophomores and three credits in psychology.
Three-term sequence emphasizing 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. 2(3-1) 246.
Continuation of 246.

249. Sensitivity to Children III Spring. 2(2-1) 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 Fall, Winter, Spring. 3(3-0) Credit may not be earned in both FCS 485 and PSY 390, Sophomores.
Lecture and discussion of the fundamental principles of human sexuality focusing on such topics as physiology, psychological development, cultural perspectives, gender roles, procreative, 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, Winter, Spring, Summer. 3(0-4) 170, 215; 301 concurrently.
Representative demonstrations, exercises, and experiments concerned with the acquisition, retention, transfer, and execution of verbal learning, identification learning, and perceptual-motor skills.

304. Physiological Psychology Fall, Spring. 3(3-0) One course in experiential psychology and one elementary course in zoology, biology or physiology. 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.
Principals, concepts, theories and research on cognitive processes 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(0-4) 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 odd-numbered years. 3(3-0) 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, aversibe behavior, and theories of learning. Emphasis on inference, but applications to human behavioral modification are considered.

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

315. Psychometric Methods Fall, Winter, Spring. Summer. 3(2-3)
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 352.

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 affiliations, 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.

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

356. Psychology of Human Relations in Work Setting Fall, Winter, Spring. 3(3-0) 255.
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. 3(3-0) 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.
History, theory and current research in selected areas for the preparation of a senior honors paper.

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

401. Experimental Psychology: Perception Winter. 3(2-4) 215, 310, 311.
Critical examination of problems, principles, methods, techniques, models, results and conclusions in relation to theory in studies of perception, including experimentation and demonstrations.
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. Experimentation on selected topics in the area.

803. Seminar in Industrial Relations  
For course description, see Interdisciplinary Courses.

806. Advanced Comparative Psychology  
Fall. 4(3-0) Majors or approval of department.  
Behavior of infra-human 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, judgment, 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 material 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) 816.  
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 III and STT 201 or approval of department.  
Discussion of the relationship between mathematics 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) 520 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(3-0) An undergraduate mathematics course and approval of department.  
Use of an electronic computer as a tool in theory construction. Simulation of complex psychological processes. Computer-based models in several psychological content areas.

826. Advanced Personality Research  
Fall, Winter. 4(4-0) May re-enroll for a maximum of 5 credits if different topics are taken. Majors or approval of department.  
Review of current research in selected areas. A minimum of four topics will be covered each term.

827. Personality Theory I  
Fall. 4(3-0) Majors or approval of department.  
Freudian and neo-Freudian conceptualizations of personality and psychotherapy. 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 psychotherapy. 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 psychotherapy, social learning and psychodynamics, socialization, motivational theories, application of classical and operant conditioning. Psychotherapeutic implications.

830. Clinical Assessment II  
Winter. 2(0-4) 828 or approval of department.  
Clinical assessment of children. Individual case studies making systematic use of behavior observation, 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 Psychology  
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(5-0) 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 attitude organization and cognition, values, attitudes and behavior, attitude 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(4-0)  
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(2-0)  
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(2-8) Fifteen graduate credits.  
Psychological principles and methods in the training and development of personnel at all levels of supervision and leadership.

860. Advanced Industrial Psychology  
Fall. 4(3-0) A course in statistics and 20 credits in the social sciences.  
Industrial psychology, including such sub-areas as personnel psychology, human factors, and industrial social psychology.

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.

886. Personnel Selection and Evaluation  
Fall. 4(3-0) 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.
Provides field experience in selected companies to familiarize students with problems and to give training in consulting and research.

868. Psychological Theory and Research in Advertising
Winter. 4(2-0) Ten graduate credits. Survey and integration of psychological theory and research in advertising in such areas as motivation, perception, psychophysiology.

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, methods, dynamics of research teams; 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 intervention into socio-cultural systems. Class work plus community research.

885. Vertebrate Neural Systems I
Fall of odd-numbered years. 5(3-4) Approval of department; ANT 815 and BFI 925 recommended. Interdepartmental with the Zoology, Biophysics, and Physiology Departments.
Structure and function of 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.

886. Vertebrate Neural Systems II
Winter of even-numbered years. 5(3-4) 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
Winter, Spring. 3(3-0) May re-enroll for a maximum of 6 credits. 485 and approval of instructor.
Identification and critical evaluation of social and philosophical issues tacitly embedded 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 credit. Approval of department.

891. Psychological Research Methods
Fall. 3(2-0) One graduate course in experimental psychology and 816. Nature, design and critique of research; meaning and interpretation of results; analysis of published research and student results.

892. 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.

892A. Laboratory in Advanced Physiological Psychology I
Fall. 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.

892B. Laboratory in Advanced Physiological Psychology II
Winter. 5(3-4) 892A.
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 persistent issues.

914. Seminar in Advanced General Psychology
Fall, Winter, Spring. 1 to 4 credits. May re-enroll in different areas for a maximum of 24 credits. Thirty graduate credits in psychology or approval of department.
Critical study of a selected area such as sensation, perception, motivation, emotions, learning, psychological, comparative, thought and language.

924. Seminar in Measurement
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.
Critical study of a selected area such as roles, communicative and persuasive, individual interaction within small and large groups, behavior in relation to norms and interpersonal distances.

930. Practicum: Psychological Clinic I
Fall, Winter, Spring. 3(2-2) Approval of department.
Introduction to clinical evaluation and treatment. Supervised experience in psychodiagnostics and psychotherapy of adults and children in the Psychological Clinic. Primary focus on work with families. Didactic seminar 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, assessments, dynamics, structure, the self and determinants.

935. Contemporary Theory and Research in Social Psychology
Fall, Winter. 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 sentiments, beliefs and opinions, authoritarianism, pseudo-authoritarianism, 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 a 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 distances.

954. Seminar in Developmental Psychology
Fall, Winter, Spring. 1 to 4 credits. May re-enroll for a maximum of 16 credits in different areas. Thirty graduate credits, 3 of which must be in child psychology.
Critical study of a selected area such as theory, techniques and methods of observation, parental attitudes and practices, intellectual, personal and social development, motivational, emotional, perceptual, and intellectual issues.

956. Engineering Psychology: Systems Approach
Spring. 4(2-0) Human factors in "system" operation; subsystems, analysis methods, criteria, information processing, communication, technology, application to aerospace, military, highway, industrial, and other problems.
969. Seminar in Industrial Psychology
Fall, Winter, Spring. 1 to 4 credits.
May re-enroll in different areas for a maximum of 18 credits. Thirty graduate credits including 15 in psychology.
Critical study of a selected area such as inter-personal relations in industry, personnel selection, evaluation and classification, training, leadership, supervision, motivation of workers, safety engineering psychology and contemporary literature.

970. Seminar in Ecological Psychology
Fall, Winter, Spring. 4(4-0) May re-enroll for a maximum of 12 credits. Approval of department.
Critical study of a contemporary ecological psychology issue such as the psychological aspects of over-crowding, the inter-personal and intrapersonal conflicts created by environmental degradation, and similar current topics.

971. Rorschach Method
Winter. 3(3-0) 832.
History and hypotheses of the method. Review of research. Administration and scoring of the test. Introduction to interpretation.

972. Advanced Practicum: Psychological Clinic
Fall, Winter, Spring. Variable credit.
Clinical experience in assuming responsibility for total case integration and interpretation of findings to parents and agencies.

973. Psychopathology: Psychoanalytic Theory, Neuroses and Psychosomatics
Fall. 3(3-0) 427, 838.
Kraepelien, Pavlovian, and Freudian traditions in abnormal psychology and psychiatry. Psychoneuroses and psychosomatics with major emphasis in psychosomatic approaches. Research and problem course. Freician and somatogenic positions in psychopathology.

974. Psychopathology: Psychoses and Developmental Disorders
Winter. 3(3-0) 972.
Behavioral and development disorders such as psychopathy, delinquency, mental deficiencies; selected functional and organic psychotic syndromes; psychosis as distinguished from psychoneurosis; continuity versus discontinuity of normal to abnormal behavior. Research considerations.

975. Counseling and Psychotherapy
Fall. 3(2-2) Approval of department.
Psychotherapy with late adolescents and adults. Various points of view with emphasis on interpersonal relationship and client-centered approaches. Techniques for introducing therapeutic movement. Study of tape recordings and research findings.

976. Practicum: Individual Counseling and Psychotherapy
Winter. 3(2-2) 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. Study of verbatim transcriptions, tape recordings, films, role playing, and observation.

977. 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.
Counseling and psychotherapy with a variety of clients at the University Counseling Center.

983. Child Psychotherapy
Winter. 2 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 in different areas for a maximum of 16 credits. Forty-five graduate credits in psychology.
Critical study of a selected area such as theories, diagnosis, projective techniques, psychotherapy, hypnosis, psychopathologies.

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

PUBLIC AFFAIRS MANAGEMENT
See Agricultural Economics

RACIAL AND ETHNIC STUDIES* RE

College of Urban Development

401. Black (African) Diaspora
Fall. 4(4-0) Majors: Juniors and U D 205; others: Juniors or 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.

RELIGIOUS STUDIES** REL

College of Arts and Letters

150. Understanding Religious Man
Fall, Winter, Summer. 3(3-0)
Nature of religion; character of reality; symbolism, myth, sacred space, sacred time; rationalism and the nature of religious knowledge; religion and morality; psychology of religious experience; societal function of religion.


**Name change effective February 1, 1973.

Formerly Department of Religion.