911. Theories of Administrative Organization
Winter, 4(3-0) Majors or approval of department.
Analysis of some recent contributions by the behavioral sciences to formal organization theory.

914. Comparative Public Administration
Winter, 4(3-0) Majors or approval of department.
Comparative study of the administrative systems of major nations. Analysis of the manner in which these patterns have been transmitted into independent and developing countries and of the subsequent modifications of these patterns. Social and cultural setting of a administration.

921. Judicial Systems
Winter of even-numbered years, 4(1-0)
Structure and functions of judicial systems, including both American state and federal courts and those of other countries. Interrelationships between courts, administration of judicial bureaus (supporting administrative personnel as well as judges) and analysis of judicial decision-making processes.

922. Judicial Behavior
Fall of even-numbered years, 4(3-0)
Design and execution of research in judicial decision making. Projects include both individual and group work, and field as well as library research. Critical evaluation of results of other research investigations with which seminar projects articulate.

931. Political Groups and Movements
Fall of even-numbered years, 4(3-0)
Operation of interest groups, sociopolitical movements, cliques, and juntas. Interests and ideologies underlying these groups and channels of their demands into the political system. Flux, growth, and internal politics of political groups and movements and their relation to formation of public policy and governmental institutions.

932. Legislative Process
Spring of even-numbered years, 4(3-0)
Behavior of legislative bodies in the context of the political (state) system, including other governmental institutions. Selection and legislative roles of legislators, and legislative decision making.

933. Political Parties
Fall of odd-numbered years, 4(3-0)
Operation of political parties in the political system. Relationship between party organization, electoral system, and the recruitment and advancement of political leaders. Interaction between parties and other political groups.

934. Voting Behavior, Political Attitudes and Public Opinion
Spring of odd-numbered years, 4(3-0)
Study of the voting behavior of electorates and decision-making bodies; of political attitudes and opinions and of the relationships among political attitudes, popular voting, and public policies.

935. Seminar in Political Socialization
Fall, Winter, Spring, 4(3-0)
Processes and agents of political socialization; mechanisms of learning and differential influence of various age groups; socialization; subgroup and comparative political socialization; socialization to new political roles.

941. Metropolitan Area Government and Politics
Fall of odd-numbered years, 4(3-0)
Core city and suburban issues and policies resulting from rapid urbanization, causes and effects of suburban-central city frictions; the search for decision-making machinery in metropolitan areas.

942. Federalism and Intergovernmental Relations
Winter of odd-numbered years, 4(3-0)
How federal systems originate and are maintained; patterns in allocations of power between national and state levels; the social processes involved in intergovernmental relations, cooperative federalism; trends in American federalism.

943. Community Decision Making
Winter of even-numbered years, 4(3-0)
Discussion and critique of the power structure literature, emphasis on methods of studying community elites.

944. State Government and Politics Seminar
Spring of odd-numbered years, 4(3-0)
Comparative study of state governments based on resources and other aggregate characteristics, political organization and behavior. Models of political process, governmental structure variables and their relation to policy output.

953. The Politics of Selected Areas
Winter of even-numbered years, 4(3-0)
May reenroll for a maximum of 12 credits. Approval of department.

964. Selected Topics in International Relations
Winter, 4(3-0) May reenroll for a maximum of 12 credits. Approval of department.
Intensive analysis of special problems and issues such as international political and economic development and intercultural communications, international violence, etc.

971. Classical and Medieval Political Thought
Spring of odd-numbered years, 4(3-0)
Systematic analysis of selected works of such classical political 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 or 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.

981. Selected Topics in General Political Theory
Fall, Winter, Spring, 4(3-0) May reenroll for a maximum of 12 credits. PLS 850 or approval of department.
Analysis in depth of such topics as individual political choice, collective choice and decision making, political coalitions, political leadership, political communication and diffusion processes, political integration and differentiation, equality and inequality, and interaction models of conflict.

990. Seminar
Fall, Winter, Spring, 4 to 12 credits. May reenroll for a maximum of 36 credits.
Intensive training in individual or group research. Sections of the seminar may involve one or more dual field theses and the credit earned will vary accordingly.

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

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

PORTUGUESE
See Romance and Classical Languages.

POULTRY SCIENCE PS
College of Agriculture and Natural Resources

224. Poultry Science and Practice
Winter, Spring, 4(3-3)
Poultry in the agricultural economy, fundamental principles of anatomy, physiology and body systems; diseases, their prevention and control, management practices and procedures in producing poultry meat and eggs.

301. Special Problems
Fall, Winter, Spring, Summer.
Variable credit. May reenroll for a maximum of 6 credits. Approval of department.
Studies in any of the following: avian genetics, management, nutrition, physiology, other areas of poultry science.

413. Avian Nutrition
Fall, 4(3-3) ANS 325.

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.
A-178

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

440. Avian Physiology
Spring. 4(3-3) Approval of department. Interdepartmental and administered jointly with the Department of Physiology. Systemic physiology of birds emphasizing respiration, circulation, temperature regulation, the endocrine, and reproduction.

454. Avian Disease Prevention and Treatment
Winter of even-numbered years. 4(3-2) MPH 200 or B S 212 or approval of department. Microbiological concepts; causes, preventive and therapeutic methods for poultry diseases, laboratory diagnosis and experiments.

For course description, see Interdisciplinary Courses.

800. Advanced Poultry—Special Problems
Fall, Winter, Spring, Summer. Variable credit. Approval of department. Studies in any of the following: avian genetics, poultry science, nutrition, physiology, other areas of poultry science.

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

PSYCHIATRY

College of Human Medicine
College of Osteopathic Medicine
College of Social Science

520. Introduction to Psychiatry
Fall. 2(2-0) Admission to a college of medicine or approval of instructor. Discrimination between various concepts of normality, understanding of psychological mechanisms, making observations and inference generation, recognition of normative crises and the psychiatric examination will be taught through lectures and discussions.

521. Psychopathology
Spring, Summer. 3(3-0) PSC 520 or concurrently. Recognition, description, and treatment of most psychopathologic states will be taught using lectures, audio-visual presentations, and group discussions.

533. Fundamentals of Personality Dysfunction
Winter. 2(2-0) Admission to a college of medicine and approval of department: H M 314 concurrently. Characteristic patterns of behavior, symptomatology, treatment and prognosis of common psychiatric disorders and disturbed patterns of personality function.

540. Families in Crisis: A Clinical View
Winter, Spring. 1 to 4 credits. May enroll for a maximum of 6 credits. Student in medicine, nursing, graduate student in psychology, counseling, social work or related field. Interdepartmental with and administered by the Department of Family Practice. Dynamics of family crises as might be experienced in health care settings. Videotapes, readings and small group discussions to illustrate family dynamics.

550. Special Problems in Psychiatry
Fall, Winter, Spring, Summer. 1 to 6 credits. May enroll for a maximum of 12 credits. Medical 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 and Behavioral Science Clerkship
Fall, Winter, Spring, Summer. 2 to 12 credits. Admission to a college of medicine: grades P in all courses in terms 1 through 8 for College of Osteopathic Medicine students. Contemporary practice of psychiatry utilizing supervised in-patient, out-patient, emergency and community mental health services.

609. Sub-Specialty Clerkship
Fall, Winter, Spring, Summer. 4 to 16 credits. May enroll for a maximum of 16 credits. PSC 608. Sub-specialty experiences in Psychiatry in clinical settings.

PSYCHOLOGY

PSY

College of Human Medicine
College of Osteopathic Medicine
College of Social Science

139. Psychology of Women
Winter, Spring. 3(3-0) Primarily for Freshmen and Sophomores. Psychological development of sex-typed behavior and sex differences in cognitive and personality functioning; reproductive behavior; impact of social expectations on self-concept, achievement and affiliation orientations, and life decisions.

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: socialization, interpersonal perception, group processes, motives, emotions, attitudes, and values. Students may participate in psychological experiments outside of class.

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.

209. Elements of Physiological Psychology
Fall, Winter. 3(3-0) PSY 160 or PSY 170. Fundamentals of modern biological psychology. Emphasis on information essential for study of physiology: correlative to perception, motivation, learning, emotion and development.

215. Introduction to Psychological Measurement
Fall, Winter. Spring. 4(3-2) PSY 160 or PSY 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. 3(3-0) PSY 160 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.

244. Developmental Psychology: Infancy Through Childhood
(245) Fall, Winter, Spring. 4(4-0) PSY 160 or PSY 170. Developmental psychology of the infant and child including biological, social, cognitive, moral, perceptual and cultural development: relations with care givers and peers as well as development of individual characteristics.

246. Sensitivity to Children I
Fall. 3(2-2) To receive credit PSY 246, PSY 247. PSY 248 must be completed satisfactorily except by prior arrangement with instructor. Sophomores and 3 credits in psychology. Three-term sequence emphasizes supervised weekly play with a child and analysis of videotaped recordings. Readings and discussions cover problems faced by child therapist, teachers and parents.

247. Sensitivity to Children II
Winter. 3(2-2) To receive credit PSY 246, PSY 247. PSY 248 must be completed satisfactorily except by prior arrangement with instructor. PSY 246. Continuation of PSY 246.

248. Sensitivity to Children III
Spring. 3(2-2) To receive credit PSY 246, PSY 247. PSY 248 must be completed satisfactorily. PSY 247. Continuation of PSY 247.

255. Organizational and Personal 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.