

- 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 transplanted into dependent and developing countries and of the subsequent modifications of these patterns. Social and cultural setting of administration.
- 921. Judicial Systems**  
*Winter of even-numbered years. 4(3-0)*  
Structure and functions of judicial systems, including both American state and federal courts and those of other countries. Interrelationships between courts, administration of judicial bureaucracies (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 reports 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 channeling of their demands into the political system. Basis, 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 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 agents of 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 suburbia. Issues and politics 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 political 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 outputs.
- 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.*  
Analysis in depth, using comparative theory and method, of political systems and changes in selected administrative or cultural areas.
- 964. Selected Topics in International Relations**  
*Winter. 4(3-0) May reenroll for a maximum of 12 credits.*  
*Approval of department.*  
Analysis of special problems and issues such as international political and economic development, international 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 880 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 doctoral fields 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 P S****College of Agriculture and Natural Resources**

- 224. Poultry Science and Practice**  
*Winter, Spring. 4(3-2)*  
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.*  
Factors affecting digestion and utilization of dietary ingredients. Nutrient requirements and formulation of practical poultry feeds. Nutritional problems and assay methods. Food and drug laws influencing poultry feeds.
- 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.

## Descriptions - POULTRY SCIENCE

### of Courses

**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 endocrines, 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.

**IDC. The Impact of Animal Resource Management Upon the World's Developing Nations**  
*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, management, nutrition, physiology, other areas of poultry science.

**899. Master's Thesis Research**  
*Fall, Winter, Spring, Summer. Variable credit. Approval of department.*

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

## PSYCHIATRY

## PSC

### College of Human Medicine College of Osteopathic Medicine

**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 514 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 reenroll for a maximum of 4 credits. Student in medicine, nursing or 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.

**590. Special Problems in Psychiatry**  
*Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll 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; grade 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 reenroll 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 physiological correlates of perception, motivation, learning, emotion and development.

**215. Introduction to Psychological Measurement**  
*Fall, Winter, Spring, Summer. 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, Summer. 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, Summer. 4(4-0) PSY 160 or PSY 170 or ED 200.*  
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 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.