

**Descriptions – Political Science
of
Courses**

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.

961. History and Contemporary Theory of General International Relations and of World Order
Winter of even-numbered years. 4(3-0)

Examination of substantive problems of politics and public order in the world as a whole.

962. Contemporary International Organizations
Spring of odd-numbered years. 4(3-0)

Examination of the functions of international law and organizations in international politics.

963. Foreign Policies of the Major Nations and Decision-Making Processes
Spring of even-numbered years. 4(3-0)

Examination of foreign policies and decision-making processes of selected nations—the role of ideology, national interest, and institutions.

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, 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. 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.

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.

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(3-2) 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. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

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

PSYCHIATRY PSC

**College of Human Medicine
College of Osteopathic Medicine**

520. Introduction to Psychiatry
Spring. 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. 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, 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.
 A program designed to permit the student to become familiar with and participate in the contemporary practice of psychiatry utilizing supervised in-patient, out-patient, emergency and community mental health services.

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.

161. Topics in Introductory Psychology: Social-Personality
Fall, Winter, Spring, Summer. 2(2-0) PSY 160 must be elected concurrently.
 A small-enrollment discussion class for students enrolled in PSY 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.

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, 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; 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 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.

290. Human Sexuality
Winter, Spring. 3(3-0) Credit may not be earned in both FCS 445 and PSY 290. Sophomores.
 Lecture and discussion of the fundamental principles of human sexuality focusing on such topics as physiology, psychological development, cultural perspectives, gender roles, premarital standards, values and human interactions.

301. Human Learning and Memory
Winter, Spring, Summer. 4(4-0) PSY 170 or PSY 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, Spring. 2(0-4) PSY 215; PSY 301.
 Representative demonstrations, exercises, and experiments concerned with the acquisition, retention, transfer, and execution of verbal learning, identification learning, and perceptual-motor skills.

308. Psychology of Thinking
Winter. 3(3-0) PSY 170, or ED 200, ED 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.

309. Physiological Psychology
(304.) Fall, Winter, Spring. 3(3-0) PSY 209 or an elementary course in zoology, biology or physiology.
 Physiological mechanisms underlying basic behavioral processes, including sensation, emotion, motivation and learning.

310. Sensation and Perception
Fall, Winter, Spring, Summer of even-numbered years. 3(3-0) PSY 170, PSY 215; PSY 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) PSY 170, PSY 215; PSY 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) PSY 170, PSY 215; PSY 313 concurrently.
 Detailed analysis of basic conditioning processes such as reinforcement, discrimination, generalization, punishment, adverse behavior, and theories of learning. Emphasis on infrahuman 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) PSY 170, PSY 215; PSY 312 concurrently.
 Representative experiments in operant behavior, including an individual project selected by the student, using the pigeon as the laboratory animal.

335. Principles of Social Psychology
Fall, Winter, Spring, Summer. 4(4-0) PSY 160. Students may not earn credit in both PSY 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) PSY 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.