

**914. Comparative Public Administration***Winter of odd-numbered years. 4(3-0)*

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. 5(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.

**923. Judicial Decision Making***Spring of even-numbered years. 4(3-0)*

Comparative survey of substantive findings of the empirical studies in judicial attitudes, ideologies, values, and decision-making behavior. Contributions of other social sciences to the description of decision-making processes, and to the construction of systematic theories and models.

**924. Judicial Policy Making***Fall of odd-numbered years. 4(3-0)*

Role of the judiciary as policy maker in legislative reapportionment, racial integration, secularism in public education or other issues. Interrelationships among judges and chief executives, legislators, administrators, political party and interest group leaders. Connections between legal concepts of judicial review and of judicial activism and restraint are examined as they relate to theories of representation.

**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.

**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.

**951. Comparative Political Systems***Winter of odd-numbered years. 4(3-0)**May re-enroll for a maximum of 12 credits.*

Comparative analysis of those characteristics of human societies which affect political institutions and activity. Useful analytical methods, the identification of significant variables, the analysis of interaction patterns and the explanation of differences and similarities between political systems.

**952. Political Change***Winter of even-numbered years. 4(3-0)*

Comparative analysis of evolutionary and revolutionary changes of political systems, both modern and developing. Methods of analysis, causes and consequences of change, and typical developmental sequences.

**953. The Politics of Selected Areas***Winter of even-numbered years.**4(3-0) May re-enroll 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.

**954. Comparative Selected Analysis of Institutions and Processes***Fall of odd-numbered years. 4(3-0)**May re-enroll for a maximum of 12 credits. Approval of department.*

Comparative analysis of specific institutions, or processes in different cultures, e.g., comparison of legislatures, political recruitment, types of totalitarian systems, political impact of urbanization in a number of different areas or countries.

**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 re-enroll 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.

**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.*

Extensive analysis of selected aspects of current political thought in selected areas, including the developing nations.

**990. Seminar***Fall, Winter, Spring. 5 to 15 credits.**May re-enroll for a maximum of 45 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 re-enroll for a maximum of 10 credits.***999. Research***Fall, Winter, Spring, Summer. Variable credit.**Approval of department.***PORTUGUESE**

See Romance 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 re-enroll for a maximum of 6 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. 3(3-0) ANS 325.  
Nutrient requirements. Feed ingredients. Factors affecting digestion and utilization of feed. Formulation of practical poultry feeds. Nutritional problems. Systems and practices for feeding poultry.

**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.

**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.

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

**PSYCHIATRY PSC**  
**College of Human Medicine**

**508. Medical Psychopathology**  
Fall, Winter, Spring. 2(1-3) May re-enroll for a maximum of 4 credits. H M 501.

Psychiatric nosology, diagnosis and medical psychopathology. Interview technique, diagnosis of common psychiatric disorders, psychopathology and its behavior disorders encountered in the practice of 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.  
Each student will work under direction of a staff member on an experimental, theoretical or applied problem.

**PSYCHOLOGY PSY**

**College of Human Medicine  
College of Social Science**

**107. Motivation and University Life**  
Fall, Winter, Spring. 2(2-0) Referral by Counseling Center and approval of 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.

**151. General Psychology**  
Fall, Winter, Spring, Summer. 4(4-0)

Survey of psychological topics including learning motivation, emotions, intelligence, personality, and social relations. Students participate in psychological experiments outside of class for up to 3 to 5 hours a term.

**200. Principles of Behavior**  
Fall, Winter, Spring, Summer. 5(5-0) 151 or ED 200 or Sophomores with approval of department.

This course recommended for students planning to take more than 12 credits in psychology. Psychology as a science of behavior with emphasis on experimental findings primarily in the fields of learning, perception and motivation. Students participate in psychological experiments outside of class.

**215. Introduction to Psychological Measurement**  
Fall, Winter, Spring, Summer. 4(3-2) 200.

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) 151 or 200.

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.

**255. Psychology of Business and Personnel**  
Fall, Winter, Spring, Summer. 3(3-0) 151 or 200.

Application of psychological principles and methods to selection, placement, training, supervision, evaluation, and motivation of personnel; worker and manager efficiency; accident prevention. Introduction to problems of human relations in business and industry.

**302. Human Learning and Performance**  
Winter, Spring. 5(3-4) 215.

Concepts, procedures, issues, and principles involved in the acquisition, retention, transfer and execution of verbal learning, identification, learning, concept formation, and perceptual-motor skills. Representative demonstrations and experiments.

**304. Physiological Psychology**  
Fall, Spring. 3(3-0) One course in experimental psychology; N S 193.

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) 200, 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. 2(0-4) 200, 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) 200, 215; 313 concurrently.

Concepts, issues, and principles of learning and motivation.

**313. Experimental Psychology: Learning and Motivation**  
Fall, Winter, Spring, Summer of odd-numbered years. 2(0-4) 200, 215; 312 concurrently.

Representative experiments and demonstrations in learning and motivation.

**315. Psychometric Methods**  
Fall, Winter, Spring, Summer. 3(2-2) 151 or 215 and 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) 200 or 3 credits in psychology beyond 151. Students may not earn credit in both 335 and SOC 351.

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) 200 or 335 or SOC 351.

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) 151 or 200 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. Child Psychology**  
Fall, Winter, Spring, Summer. 4(4-0) 151 or 200 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.