SOCIOLOGY

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

150. The Individual in Modern Society
Fall, Spring. 4(4-0)
Recognizing and describing social conditions which lead to individual human development. Exploration of ways in which society facilitates and fails to facilitate individual human development.

160. Contemporary Social Problems
Fall. 4(4-0)
Identification of the factors and issues involved in mankind's fight for survival in our technological society. Relationship of humanism and technology. Examination of suggestions for dealing with problems of warfare, cybernetics, human rights.

IDC. Introduction to Latin America II
For course description, see Interdisciplinary Courses.

235. Criminology
(335.) Winter, Spring. 4(4-0) 241 or CJS 110 or approval of school. Interdepartmental and jointly administered with the School of Criminal Justice.
Crime analyzed from sociological perspectives: meaning of "crime"; crime statistics; and measurement, theories of crime causation; crime typologies, e.g., professional organized, violent, sex, white-collar crimes, juvenile delinquency.

241. Introduction to Sociology
Fall, Winter, Spring, Summer. 4(4-0) Sophomores.
Introduction to nature of sociological inquiry and to concepts and principles of sociology. Analysis focuses on institutional features of modern society and of structure and dynamics of social organization.

251. Social Psychology
(351.) Fall, Winter, Spring, Summer. 5(5-0) 241. Students may not receive credit in both 351 and PSY 335.
Social psychology from a sociological perspective. Relation of the individual to his social environment with special reference to group process and interaction, social structure and personality, mass phenomena, and social attitudes.

310. Social Stratification
(454.) Fall, Winter. 4(4-0) 241.
Survey of literature on the formation and changes in social class systems in modern and traditional societies. Social mobility in class, status and political orders.

311. Development of Sociological Theory
(494.) Winter, Spring. 4(4-0) 310.
Significant theoretical contributions to the development of sociological theory, both European and American.

312. Research Methods in Sociology
(492.) Fall, Spring. 5(5-2) STT 201 or PSY 215.
Elements of scientific logic; procedures and problem formulation; development of concepts, hypotheses, theory; research design; sampling, measurement, data gathering; analysis, interpretation, and reporting research findings.

321. Industrial Sociology
(421.) Winter, Spring. 4(4-0) 241.
Industrialization in Western and non-Western societies; social organization of work; internal dynamics of work plant as a social system; and labor-management relations in various cultural settings.

322. Political Sociology
(422.) Fall, Winter. 4(4-0) 241.
Political action in the United States in relation to theory and practice of democracy. Nature of social pressures, political group, politician and effect of local community situation on political activity will be considered.

323. Sociology of the Family
(423.) Winter. 4(4-0) 241.
Sociological analysis of the family, its development as a social institution, its relationship to society, and its contribution to personality.

329. Urban Sociology
(429.) Fall, Winter, Spring. 4(4-0) 241.
Urban theory and research techniques emphasizing the demography, ecology and social organization of American cities and sociological aspects of urban planning and redevelopment.

332. Behavior of Youth
(432.) Winter, Spring. 4(4-0) 241.
Sociological analysis of normal and deviant behavior of youth. Issues related to the existence and racial groups in terms of prejudice and discrimination with particular concern for the resolution of inequality.

353. Sex Roles
Winter. 4(4-0) 241.
A sociological inquiry into traditional and changing roles of women and men in Western societies; sex roles in economic and family institutions; variations by culture, class, ethnicity; socialization.

IDC. Survey of Sub-Saharan Africa
For course description, see Interdisciplinary Courses.

IDC. Survey of Sub-Saharan Africa
For course description, see Interdisciplinary Courses.

400H. Honors Work
Fall, Winter, Spring. Summer. 1 to 4 credits. May re-enroll for a maximum of 20 credits. Approval of department.

401. Sociology of Education
Winter, Summer. 4(4-0) 241. Interdepartmental with Education.
School as a social institution, school-community relations, social control of education, and structure of school society.

420. Dynamics of Population
Fall, Winter. 4(4-0) One 300 level sociology course.
General demographic theories, especially those concerning population growth. Population distribution and density, age, sex, and ethnic composition. Emphasis on fertility, mortality, and migration and their influences on population change.
424. Sociology in Mental Health
Spring. 4(4-0) 251 or PSY 335.
Sociological theories of etiology of mental disorder; research on social epidemiology and ecology, impact of social structure, popular conceptions of mental health and deviancy; emerging ideologies of mental health disciplines.

427. Social Movements and Ideologies
Winter, Spring. 4(4-0) One 300 level sociology course.
The analysis of the collective response to situations of social tension and change that take the form of social movements and their accompanying ideologies. Both historical and contemporary cases will be examined.

428. Contemporary Communities
Fall, Spring. 4(4-0) One 300 level sociology course.
An examination of the contemporary community. Emphasis will be placed on associational and institutional organization in communities of varying complexity. Particular attention will be paid to social organizational theory as it applies to the problems of American community life.

430. Sociology of Work
Winter. 4(4-0) One 300 level sociology course.
Social significance of work. Forces changing contemporary occupational structure. Factors associated with typical career patterns of occupations and professions. Social organization of occupational groups with emphasis on their ideology and politics.

431. Comparative Urban Sociology
Spring of even-numbered years. 4(4-0) 329 or approval of department.
Urban demography, ecology, and social organization viewed historically and cross-culturally and emphasizing the contemporary urbanization processes. Theory, techniques, and data of international comparative urban analysis.

434. Social Deviance and Control
Spring. 4(4-0) 235 and one 300 level sociology course.
The relationship between social structure, social control and social deviance; a survey and criticism of present social science theories in light of empirical research and application of theories to selected problem areas.

437. Rural Sociology
Fall, Spring. 4(4-0) One 300 level sociology course.
Structure, function and change in rural areas of the United States. The major social systems, social class, demographic characteristics, commodity organizations and value orientations of rural people.

438. Sociology of Developing Societies
Spring. 4(4-0) One 300 level sociology course.
Sociological elements of modernization. Process of technological change and type of programs to induce change. Emergence and accommodation of institutions to change. The change of population, family, community and ideological structures.

440. Sociology of Religion
Spring of odd-numbered years. 4(4-0) 241 or approval of department. Interdepartmental with the Department of Religious Studies.
Relationship to society, with particular emphasis on modern society. Religion as a social institution, its relation to stratification and to political and economic organization. Forms of religious organizations. Religious believing and the rational, empirical orientation in modern culture.

443. Personality and Social Structure
Spring. 4(4-0) 251 or PSY 335; one 300 level sociology course.
Effects of social structural variables upon personality development, adult socialization, role behavior, self-image, and self-evaluation.

445. Social Knowledge in the Modern World
Winter. 4(4-0) One 300 level sociology course.
A sociological examination of the continuing effort to achieve a viable basis for relating social knowledge to the modern world. The sociology of knowledge, concerned with the relation of ideas to social life will provide the framework for the course. Attention will be given to such issues as the role of the intellectual as cultural and political critic, and as man of knowledge; the relation of empirical knowledge to cultural values and social ideologies; the uses of reason and knowledge in human affairs; and the relation of intellect to power.

451. Modern American Society
Winter, Spring. 4(4-0) One 300 level sociology course.
Cultural patterns and social structures of contemporary American life. Relationship of these patterns to structures and individual and group adjustment.

453. Culture and Personality
Fall, Spring. 4(4-0) One 300 level anthropology or sociology course. Interdepartmental with the Anthropology Department.
Human nature in evolutionary and cross-cultural perspectives. Special attention to relating theories of anthropology and psychology to methods of studying personality in non-Western societies.

475. Individual Research Projects
Fall, Winter, Spring. Summer. 1 to 4 credits. May re-enroll for a maximum of 12 credits. Nine credits in sociology and approval of department.

583. Organizational Behavior in Labor and Industrial Relations
Fall. 4(4-0) One 300 level sociology course.
Bureaucracies and complex formal organizations in various institutional settings and the relationship among organizations in the community. Informal structures, internal conflict, integrative mechanisms, and the dilemmas of professional and administrative demands will be emphasized.

585. Wealth and Poverty
Winter. 4(4-0) 310.
Distribution and concentration of wealth in contemporary industrial societies; relevance of wealth to prestige and political orders of societies; social consequences of public and private programs.

593. Selected Exercises in Social Research
Spring. 5(2-3) 312 or equivalent social science methodology course.
A laboratory course providing training in the application of social research methods, under laboratory and field situations, to problems in the major substantive areas of sociology, social psychology and anthropology.

619. Seminar in Industrial Relations
Fall, Spring. 3 to 5 credits. Senior majors or approval of department. Selected issues in sociological research and theory.

S10. General Social Organization
Fall. 4 credits. Majors or approval of department.
Research and literature on the structure and function of social organizations ranging from societies to small groups.

811. Research Problems and Literature in Social Psychology
Fall, Winter. 4(4-0) Majors or approval of department.
Central points of view and concepts of contemporary social psychology with emphasis upon symbolic interaction. Collective behavior, small groups, attitudes and behavior, and culture and personality.

812. Theory of Sociological Inquiry
Spring. 4(4-0) Majors or approval of department.
Critical review of some of the procedures followed by sociologists and social psychologists in their attempts to achieve reliable knowledge.

813. Seminar in Research Methods
Spring, 6(6-0) STT 431.
Examination and comparison of documentary, field, experimental, and survey research methods in social science. Emphasis on techniques of data gathering and analysis and problems of reliability, validity, sampling and measurement.

820. Sociology of Migration
Winter. 4(4-0) 420 or approval of department.
Theory and research in studying the causes, patterns, and consequences of human migration. Emphasis on theoretical, cross-cultural and demographic perspectives.

823. Organizational Behavior in Labor and Industrial Relations
Fall. 4(4-0) Approval of department. Interdepartmental with the School of Labor and Industrial Relations.
Analysis of why organizations, individuals and groups in unions, management and government act as they do in industrial relations situations with emphasis on sociological, psychological and cultural factors.

825. Seminar in Cross-Cultural Relations
Winter of odd-numbered years. 4(4-0) Approval of department. Interdepartmental with the Department of Anthropology.
Analysis of the relations of superordinate and subordinate societies and between coordinate societies and cross-cultural exchange programs.

827. Social Movements and Ideologies
Spring. 3(3-0) Approval of department.
Organizational structure and supporting belief systems of groups and collectivities which desire major institutional changes in society.
837. Special Topics in Rural Sociology  
Fall, Winter, Spring. 3 to 8 credits. Approval of department.  
Special fields of rural sociology such as farmers' organizations, population, migration, adoption of practices, changing ideologies, political behavior, stratification, and attitudes.

1DC. Interdisciplinary Seminar on Africa  
For course description, see Interdisciplinary Courses.

840. Violence and Social Change  
Fall. 3(3-0) Approval of department.  
Conditions of violence in situations of conflict and change, legitimation of violence, and response to violence by institutional elites and by publics.

842. Seminar in Conflict and Change  
Winter. 3(3-0) Approval of department.  
Overview of the substantive and research literature in Conflict and Change; and explored possibilities for student reseach and involvement in the area.

845. Classical Sociological Theory  
Fall, Winter. 5(5-0) Approval of department.  
Nineteenth and early twentieth century sociological theory from Marx to Pareto in sociological-historical context. The development of contemporary sociology theory and research from the classics.

846. Sociology of Knowledge  
Winter of even-numbered years. 3(3-0) Approval of department.  
A selective review of the classical issues posed by the sociology of knowledge, with emphasis upon the implications these have for sociological theory.

853. Social Attitudes  
Spring. 4(4-0) Approval of department.  
Origin, development, classification, and measurement. Relationship between attitudes and behavior. Students will conduct field research.

860. Topics in Multivariate Analysis  
Winter. 5(5-0) STT 421, 422.  
Selected topics in the areas of path analysis, factor analysis and other multivariate techniques.

Winter. 3 to 4 credits. May re-enroll for a maximum of 16 credits. Approval of department.  
Theoretical and substantive literature relating to demographic change, and research problems of special interest.

866. Selected Research and Literature in Social Institutions  
Fall, Winter. Spring. Variable credit. May re-enroll with approval of department.  
A review and analysis of the significant literature concerning major problems in the institutional structure of modern society. A. Economic and Industrial; B. Political; C. Religious; D. Family.

868. Social Organization and Administration  
Fall, Spring. 3(3-0) Approval of department.  
General principles of inter- and intra-organizational change in the administrative process.

872. Seminar in Special Subject Fields  
Fall, Winter, Spring. Variable credit. Approval of department.  
Special fields of study will include any area of sociology and social psychology selected.

875. Individual Research Projects  
Fall, Winter, Spring, Summer. Variable credits. Approval of department.

877. Seminar in Complex Organizations  
Winter. 4(4-0) 321 or 477 or approval of department.  
Major theoretical and methodological problems in studying complex organizations. Using a comparative approach, special emphasis will be given to the design and execution of empirical research.

880. Individual Readings  
Fall, Winter, Spring, Summer. Variable credits. Approval of department.

884. Seminar in Social Stratification  
Spring. 3(3-0) Approval of department.  
Theory and research in societal systems of stratification. The articulation of stratification orders to institutional structure. Research design in stratification studies.

995. Computer Simulation of Social Behavior  
Winter. 4(3-2) Approval of department.  
Survey of research in the simulation of human behavior. Training in the basic technological and conceptual tools necessary for independent research in the area. Working in detail through an operating large simulation program to appreciate how the tools apply in practice. Designing and running a simulation program.

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

901. Educational Sociology: Seminar  
(901-D). Fall, Winter. 3 to 4 credits. Approval of department. Interdepartmental with the College of Education.

930. Sociology of Work  
Spring. 4(4-0) 450, 510, 844 or approval of instructor.  
Theory and research problems in occupational structure, work settings, functions and meanings of work, occupational mobility and career patterns.

940. Topics in Mathematical Sociology  
Fall, Winter, Spring. 5(5-0) Approval of department.  
Seminar in the mathematical analysis of selected topics in sociology, such as, kinship systems, stratification systems, formal organization, social mobility, population and migration, social influence, mass behavior.

941. Human Ecology  
Fall. 4(4-0) Approval of department.  
The analysis of population aggregates in terms of their place in a total ecosystem, defined as the structure of interdependencies involving population, environment, technology, and patterns of organization.

942. Urban Theory  
Winter. 4(4-0) 941; 812 and 967 recommended.  
Examination and critique of competing theories of urban structure and process; theories of evolution of human settlement, classic location theories, human ecology, communication and system theories.

952. Techniques of Population Analysis  
Spring. 4(3-1) 420, STT 422; or approval of department.  
Techniques for the analysis of population size and composition, mortality, fertility, migration, population estimates and forecasts, population and labor force distribution, and selected techniques of ecological analysis.

953. Experimental Methods  
Winter. 4(3-2) 860.  
The design and analysis of social experiments, with special emphasis on laboratory investigation of social processes.

954. Social Survey Methods  
Spring. 4(4-0) 860.  
The design and analysis of theoretically oriented survey research. Sampling, questionnaire construction, interviewing, and data processing.

955. Field Research Methods  
Spring. 4 credits. 312; approval of department.  
An overview of the design and execution of social research.

964. Seminar in Small Group Research  
Fall. 3 to 5 credits. Thirty graduate credits including 811, or approval of department.  
The experimental and theoretical investigation of organizational processes in small groups.

966. Social Structure and Personality  
Winter. 3 credits. 811 or approval of department.  
Theoretical and research problems in analysis of influence of social positions on personality, and influence of personality and social factors in allocating persons to different social positions. Stress will be placed upon quantitative research and contemporary theories of social structure and personality.

967. Introduction to Formal Theory in Sociology  
Spring. Variable credit. 866.  
Analysis of the structure of formal theory in sociology and of the problems of interpretation and verification of deterministic and probabilistic theories. Examination of specific practices of theory construction.

968. Symbolic Interactionism: Theory and Research  
Spring. 1 to 4 credits. 811; social psychology concentration.  
Theoretical and research problems within the framework of symbolic interaction. The socialization process and the development, maintenance, and enhancement of the self. Critique of the literature and proposals for new research directions.

970. Theories of Conflict and Change  
Fall. 3(3-0) Approval of department.  
Major theoretical European and American contributions to the study of conflict and change.

971. Race, Politics, and Social Structure  
Winter. 3(3-0) Approval of department.  
Racism, including the social mechanisms by which it is created, maintained, and lessened, and the variant forms of political action related to racism and social structure.

972. War and International Conflict  
Spring. 3(3-0) Approval of department.  
Causes, structure and patterns of wars between societies, revolutions within societies and the relation of war and revolution to cross-cultural conflict and change.
973. Values, Crises and Utopias in a Post-Modern Society
Fall. 3(3-0) Approval of department.
Macro-sociological approach to study of social problems and stresses; planned change and consequent improvement of modern societies.

976. Theoretical Perspectives in Sociology
Winter. 4 credits. 845 or 846.
Comparison and analyses of concepts, conceptual schemes and theories of outstanding social theorists in relation to modern research.

977. Seminar in Selected Theoretical Issues
Spring of odd-numbered years. 4(4-0)
May re-enroll for a maximum of 8 credits. 845. Issue approach to social theory. Selected themes relate to substantive problems in theory, theory construction or the work of a historical or contemporary thinker.

978. Comparative Rural Social Organization
Spring. 4 credits.
Structure and function of social organizations ranging from societies to small groups. The comparative approach will be used in studying phenomena involved in the transitions from agrarian to industrial societies.

981. Comparative Sociology
Fall. 3 or 4 credits. Doctoral student in sociology; completion of core courses.
Macro-sociological studies of societies. The relationship of the whole to the varied parts of societies, the connection between societies, and the patterns of change in different societies. The development of research with respect to the cross-cultural study of social structures, social institutions, and social systems.

982. Comparative Social Psychology
Winter. 3 or 4 credits. 981.
Social psychological research problems involving a comparative methodology. Social psychological functions of education, mobility, mass media use, etc. Comparative study of the social psychology of modernization.

983. Comparative Research Methods
Spring. 3 or 4 credits. 981.
Sampling problems, data collection strategies, problems of translation and concept equivalence. Management, analysis and interpretation of cross-cultural data.

991. Research Seminar in Work and Organization
Winter. 2(2-0) May re-enroll for a maximum of 6 credits. Thirty graduate credits and approval of instructor.
An advanced seminar devoted to analysis of designs used in current research in work and organization.

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

SOUTH ASIAN LANGUAGES
See Linguistics and Oriental and African Languages.

SPANISH
See Romance and Classical Languages.

STATISTICS AND PROBABILITY - STT
College of Natural Science
Introductory courses are further classified as follows:
315, 316—sequence for undergraduate students of Business Administration.
201—survey course.
421, 423, 425—minimal sequence for students planning to use statistical methods in their research.
411, 442, 443—minimal sequence in theory of statistics. Qualified students should take the 861, 862, 863 sequence instead.
861, 862, 863—sequence for students preparing to do advanced work in statistics.

201. Statistical Methods
Fall, Winter, Spring, Summer. 4(4-0) MTH 108 or 111. Primarily for students in psychology, sociology, anthropology, political science, economics, agriculture, and communication. Credit may not be earned in more than one of the following: 201, 215, 421.
Descriptive statistics, elementary probability and combinatorics. The binomial distribution. Random variables, their expectations and variances. Central Limit Theorem, estimation and inference. Simple tests based on the binomial, normal, t, chi-square and F distributions.

315. Introduction to Probability
(Fall.) Fall, Winter, Spring, Summer. 4(4-0) MTH 111. Credit may not be earned in more than one of the following: 201, 215, 421.

316. Fundamentals of Statistical Inference
Fall, Winter, Spring, Summer. 4(4-0) MTH 111. Primarily for students in the College of Business. Interdepartmental with the Marketing and Transportation Administration Department.
Description of sample data, applications of probability theory, sampling, estimation, tests of hypotheses.

317. Quantitative Business Research Methods
Fall, Winter, Spring, Summer. 4(3-2)
Interdepartmental with and administered by the Marketing and Transportation Administration Department.
Application of statistical techniques to business decision-making. Topics covered include applications of linear regression and correlation, analysis of variance, selected nonparametric tests, time series, and index numbers.

341. Probability for Teachers
Spring. 4(4-0) MTH 301 or approval of department.
Primarily for majors in mathematics education. Probability theory will be studied as a mathematical structure. Although some examples of the use of the theory will be discussed (as the use of some theorems is discussed in a course in plane geometry) the major emphasis will be on understanding the structure of probability theory.

351. Introduction to Statistics
Spring. 4(4-0) MTH 214.
Probability models, discrete random variables, the binomial, hyper-geometric and Poisson distributions, statistical inference based on the binomial distribution, continuous random variables, test of hypothesis and confidence intervals based on the normal distribution.

421. Statistics I
Fall, Winter, Spring, Summer. 4(4-0) MTH 105. Credit may not be earned in more than one of the following: 201, 215, 421. This course and 422, 423 form a one year sequence in statistics for those without a calculus background. 431 provides an introduction to a few of the main ideas of probability and statistics. The course sequences 441-2-3 and 861-2-3 form one year sequences in statistics for those with a calculus background. Those expecting to use statistics in their graduate research should complete one of the full year sequences. Descriptive statistics, elementary probability and combinatorics. The binomial distribution. Random variables, their expectations and variances. The Central Limit Theorem, Estimation and inference. Simple tests based on the binomial, normal, t, chi-square and F distributions.

422. Statistics II
Fall, Winter, Spring, Summer. 3(3-0)
Nonparametric tests: sign test, Wilcoxon’s rank sum test, Spearman’s rank correlation test, run tests. Multiple regression analysis. Least squares estimation and tests for simple linear hypotheses.

423. Statistics III
Fall, Winter, Spring, Summer. 3(3-0)
Application of multiple regression analysis to analysis of variance problems. Design of experiments including randomized block designs, Latin squares, factorial designs, and balanced incomplete block designs.

441. Probability and Statistics I: Probability
Fall, Winter, Spring, Summer. 4(4-0) MTH 215.
Mathematical probability as a basis for the theory of statistics. Discrete and continuous probability models, conditional probability and independence, random variables, central limit theorem, sampling distributions.

442. Probability and Statistics II: Inference
Winter, Spring. 4(4-0) 441; MTH 334 or concurrent.
Estimation, confidence intervals, test of hypotheses, linear hypotheses.

443. Probability and Statistics III: Inference
Spring. 4(4-0) 442.
Multiple linear regression, analysis of variance, goodness of fit tests, certain non-parametric tests.

460. Theory of Games
Winter of odd-numbered years. 3(3-0) MTH 215, 334.

490. Statistical Problems
Fall, Winter, Spring. 1 to 6 credits. Approval of department.
Individualized study adapted to the preparation and interests of the student.