211. Methods of Social Science II
Fall, Winter, Spring, Summer. 4(4-0)
Principles of measurement and scaling. Types of variables. Techniques and problems of sampling. Research design. Role of explanation and of value judgments in social science.

450H. Perspectives in Social Science (390H.) Fall, Winter, Spring. 4(4-0) Juniors, approval of Honors College. Preference given to majors in Social Science and professional schools of the College of Social Science. Seminars in selected topics in areas of knowledge represented by the social science disciplines and allied professional fields.

470. Selected Topics in Social Science
Winter, Spring. 4(4-0) May re-enroll for a maximum of 8 credits. 15 credits in Social Science.
An interdisciplinary investigation of major theoretical and applied topics in the social sciences, including computer utilization in social science research, and interdisciplinary approaches to contemporary problems. Topics will vary from term to term.

480. Contemporary Social Problems in the United States
Fall, Winter. 4(4-0) May re-enroll for a maximum of 8 credits. 15 credits in Social Science.
Interdisciplinary investigation of selected major social problems of the United States, such as urban redevelopment, environmental control, welfare reform, crime and society, the future of American society.

482. Contemporary Social Problems Abroad
Spring. 4(4-0) 18 credits in social science.
Seminars dealing with major theoretical topics and social problems concerning foreign areas, such as urban and rural development, environmental control, population explosions, war crises and peacekeeping. A multi-disciplinary approach involving specialists from the social science disciplines and allied professional fields.

490. Individual Research Projects
Fall, Winter, Spring. 4 credits. May re-enroll for a maximum of 9 credits. Multidisciplinary social science majors and 12 credits in social sciences - agricultural economics, anthropology, economics, geography, political science, psychology and sociology. Individually supervised study and research on a topic using a multidisciplinary approach.

495. Foreign Area Field Study
Fall, Winter, Spring, Summer. 3 to 12 credits. May re-enroll for a maximum of 24 credits. Juniors and 12 credits in social science.
Study in a variety of foreign settings under the guidance of an advisor, such as American University Field Study Centers in Rome and Singapore.

810. Introduction to Linear System Theory
(812) Fall. 3(3-0) MTH 214. Interdepartmental with the Computer Science Department and Systems Science and administered by Systems Science.
A first course in system theory for students from a range of disciplines. Mathematical representation of system variables, transform and state space method of analysis, introduction to control theory, applications to physical, economic and social systems.

511. System Methodology and Simulation
Winter. 3(3-0) 810, STT 441. Interdepartmental with the Computer Science Department and Systems Science and administered by Systems Science.
Problem definition, design of abstract models for system design and control, simulation of systems described by differential and difference equations, generation of random variables, simulation of discrete object stochastic systems, simulation language, applications to physical, economic and social systems.

513. System Project
Spring. 3(3-6) 811. Interdepartmental with the Computer Science Department and Systems Science and administered by Systems Science.
Individual or team application of simulation methods to system design and/or management.

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

SOCIAL WORK

College of Social Science

205. Contemporary Social Work
Fall, Winter, Spring, Summer. 3(3-0)
Role of the social worker in relation to social issues and human needs; social service programs, structures and functions of public and voluntary agencies in a changing society.

228. Marriage
Fall, Winter, Spring. 4(4-0) Students must not receive credit in both 228 and FCS 145.
Examination of marriage and the family, from a social work point of view. Consideration of such areas of adjustment as emotional, physical, social, financial, religious and legal.

311S. Summer Projects
Summer. 1 to 3 credits. Juniors; approval of school. Not open to students in residence.
Constructive work experience in social centers, summer camps, city recreation departments, state welfare institutions, and other approved agencies and organizations. Weekly progress reports and final written evaluation of total experience required.

322. Child Welfare
Winter. 3(3-0) Juniors; SOC 351 or PSY 245.
Child welfare movement and contemporary children's agencies and their services. Programs for improving home and for substitute care, safeguarding health, employment protection, delinquency prevention, and other needs of children and youth.

367. Social Services in Selected Settings
Fall, Winter, Spring, Summer. 2(1-2) Junior majors, 205.
Self-instruction laboratory and classroom discussion of social agency programs.
476. Research Methods in Social Work Intervention
Fall, Winter, Spring, Summer. 3(1-4) Senior majors or approval of school.
Experimental analysis of behavior research methods applied to social work. Emphasis on the evaluation of intervention techniques used by social workers with clients. Laboratory research with animals included.

482. Selected Approaches in Social Work
Winter. 2 or 3 credits. May re-enroll for a maximum of 6 credits. Junior majors.

810. Human Behavior and Social Environment I
Fall. 4(4-0) Majors: 835 and 840 concurrently; others: approval of school.
Interrelationship of social, cultural, subcultural, small group and situational factors that influence human adaptation to change and stress. Examination of psychoanalytic, behavioral, and role theory approaches to personality development.

811. Human Behavior and Social Environment II
Winter. 4(4-0) 810; majors: 836 and 841 concurrently; others: approval of school.
Internal and societal cultural, organizational and bureaucratic factors that influence developmental tasks and role expectations through the life cycle. Factors that enhance or impede the individual's adaptation to change and stress.

812. Human Behavior and Social Environment III
Spring. 4(4-0) 811; majors: 837 and 842 concurrently; others: approval of school.
Social and psychological pathologies. Analysis of characteristics of the interaction of etiological, dynamic, environmental and situational variables. Implications for social work intervention.

813. Human Growth and Behavior: Psychopathology
Fall. 3(3-0) 812; second-year social work graduate students.
Specific mental and emotional disorders from the viewpoint of development and development of abnormal behavior. Consideration of team approach to diagnosis and treatment in psychiatric settings.

815. Human Learning and Behavior
Spring. 3(3-0) 811 or approval of school.
Analysis of operant and respondent theories of human learning, principles of learning theory for understanding, predicting and modifying human behavior.

820. Social Welfare Policy and Services I
Fall, Summer. 3(3-0) Majors or approval of school.
Social welfare and social work institutions. Analysis of social problems and social welfare arrangements for meeting human needs. Sociodynamic political contexts within which social work and social welfare develop.

821. Social Welfare Policy and Services II
Winter. 3(3-0) 820.
Organizational social welfare services. Analysis of organizational patterns of social welfare. Study of current service delivery systems: income maintenance, family and child welfare, anti-poverty, mental health and others.

822. Social Welfare Policy and Services III
Spring. 3(0-3) 821.
Social policy development. Analysis of social legislation. Policy and policy processes as central determinants of the nature of the social welfare system. The professional role in policy making processes.

830. Contemporary Theories for Social Work
Spring. 3(3-0) Majors or approval of school.
Analysis of contemporary theories from social and behavioral sciences relevant for social work.

833. Social Work Practicum I
(Fall.) Fall. 4(0-16) Majors: 810 and 840 concurrently.
Application and integration of concepts, principles and methods of social work practice. Through conscious use of knowledge, self, agency and community resources the student develops understanding, professional attitudes and skills.

836. Social Work Practicum II
(Fall.) Winter. 4(0-16) 835; 811 and 841 concurrently.
Continuation of 835. Emphasis on diagnosis and treatment; evaluating nature of the relationship; developing self-awareness and enhancement of other professional attitudes and skills.

837. Social Work Practicum III
(Fall.) Spring. 4(0-16) 836; 812 and 842 concurrently.
Continuation of 836. Integration and refinement of basic generic concepts, principles and skills in social work practice.

840. Social Work Practice I
Fall. 3(3-0) Majors: 810 and 835 concurrently.
Formulation of a conceptual framework for social work practice. Identification of social work roles and methods in offering services to individuals, families and small groups.

841. Social Work Practice II
Winter. 3(3-0) 840; 811 and 836 concurrently.
Continuation of 840. Development of modes of intervention with the individual and his social groups. Evaluation of the family system in the social context, and the meeting of service needs.

842. Social Work Practice III
Spring. 3(3-0) 841; 812 and 837 concurrently.
Continuation of 841. Selection, implementation and evaluation of modes of intervention to stabilize, develop and enhance social functioning.

855. Dynamics of Group Process
Winter. 3(3-0) Majors or approval of school.
Theoretical aspects of group behavior. Analysis of structure, norms, leadership and communication patterns in groups. Application to social work systems.

860. Community Organization I
Spring. 3(0-3) Majors or approval of school.
Introduction to community social work. Community structure, function, decision making. Community organization method, change processes, practice settings. Client systems, practitioner roles and functions.

861. Community Organization II
Fall. 3(3-0) 860; 865 concurrently.
Continuation of 860. Problem-solving methods and techniques in community action and planning. Social action, social legislation. Analysis of practice settings: urban renewal, neighborhood, central planning, governmental agencies, etc.

865. Advanced Social Work Practice I
(Fall.) Fall. 5 credits. 842; approval of school.
Deepening of knowledge and skill; continued development of differential modes of intervention. Classroom and practicum components.

866. Advanced Social Work Practice II
(Fall.) Winter. 5 credits. 865; approval of school.
Continuation of 865. Increased opportunity for innovative and creative experimentation. Continuing growth of ability to assume independent professional responsibility. Classroom and practicum components.

867. Advanced Social Work Practice III
(Fall.) Spring. 5 credits. 866; approval of school.
Continuation of 866. Opportunities for varied experiences related to readiness for professional practice. Classroom and practicum components.

868. Advanced Social Work Practice Issues
Fall, Winter, Spring. 5 credits. 842; approval of school.
Continuing opportunity for development, integration and reinforcement of professional competence. Further testing of skills relevant to emerging conditions of social work practice. Classroom and practicum components.

870. Social Work Administration
Spring. 4 credits. Second-year social work graduate students; approval of school.
Agencies as social systems. Influence of bureaucratic and organizational theory. Communication, conflict, decision making and policy

874. Social Work Consultation
Winter. 4 credits. Second-year social work graduate students; approval of school.
Consultation as a problem-solving process in social work. Emphasis on role relationships, types of consultation, and intervention models. Differentiation from client treatment, psychotherapy, supervision and collaboration. Integral practicum component.

875. Research in Social Welfare I
(895.) Fall. 3(3-0) Second-year social work graduate students.
Consideration of issues related to the logic and methods of scientific verification. Emphasizes the systematic analysis of research strategies pertinent to social welfare research.

876. Research in Social Welfare II
(895.) Winter. 3(3-0) 875.
Application of statistical concepts and techniques to the analysis and evaluation of research data. Interpretation of results and criteria for employing given statistical techniques in various situations are discussed.

877. Research in Social Welfare III
(895.) Spring. 3(3-0) 876.
Design of research project developed from work of prior two terms and interest of the student. Provides an opportunity to relate theoretical research knowledge to an applied situation.

881. Social Work in Special Settings
Fall, Winter, Spring, Summer. 3(3-0) May re-enroll for a maximum of 6 credits with approval of school. Majors or approval of school.
Social work concepts, methods and program development in selected settings such as school, medical, psychiatric, correctional, family, or child welfare. Significance of organizational arrangements for social work practice.

882. Seminars in Social Work
Fall, Winter, Spring, Summer. 3(3-0) May re-enroll for a maximum of 12 credits. Approval of school.
Seminars on selected issues, trends, programs or methods in social work.

885. General Seminar
Spring. 3(3-0) Majors.
Current issues and trends in the development of social work as a profession. Students participate in selection of topics to be considered.

890. Special Problems in Theory and Practice
Fall, Winter, Spring, Summer. 3(3-0) May re-enroll for a maximum of 18 credits. Majors or approval of school.
Individual or group study of special settings or of specific social work problems.

893. Social Gerontology
Fall. 3(3-0) Approval of school.
Aging and years of later maturity, with respect to social and personal difficulties and opportunities. Aging process, retirement, living arrangements, social relationships, community resources, and implications for social welfare.

895. Advanced Seminar in Social Work
Winter, Spring. 3(3-0) May re-enroll for a maximum of 12 credits. Multidisciplinary social science doctoral students.
Critical study of current issues and problems in social work. Students participate in selection of topics to be considered.

900. Independent Study in Social Work
Fall, Winter, Spring, Summer. Variable credit. May re-enroll for a maximum of 12 credits. Approval of school.
Individual study of a theoretical or applied problem in social work.

SOCIOLOGY

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

150. The Individual in Modern Society
Fall, Spring. 4(4-0)
Recognition and description of 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. 3(3-0)
Identification of the factors and issues involved which lead to individual human development. Analysis of and suggestions for dealing with problems of warfare, cybernetics, human rights.

241. Introduction to Sociology
Fall, Winter, Spring, Summer. 4(4-0) Sophomores.
Introduction to the nature of sociological inquiry and to concepts and principles of sociology. Analysis of and suggestions for dealing with problems of warfare, cybernetics, human rights.

335. Criminology
Winter, Spring. 3(3-0) 241.
Cultural nature, origins and development of crime; trends in criminal law; psychology and sociological factors involved in criminal behavior; current programs for treatment of criminals.

351. Social Psychology
Fall, Winter, Spring, Summer. 3(4-0) 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 processes and interaction, social structure and personality, mass phenomena, and social attitudes.

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.

390. Survey of Subsaharan Africa
For course description, see Interdisciplinary Courses.

391. Survey of Subsaharan 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. 3(3-0) 241. Interdepartmental with Educational Sciences;
School as a social institution, school-community relations, social control of education, and structure of school society.

420. Dynamics of Population
Spring. 3(3-0) 241.
General demographic theories, especially those concerning the growth of population. Population distribution and density, age, sex, and ethnic composition. Emphasis on fertility, mortality, and migration and their influences on population change.

421. Industrial Sociology
Winter, Spring. 3(3-0) 241.
Industrialization in Western and non-Western societies; social organization of work; internal dynamics of work plant as a social system; labor-management relations in various cultural settings.

422. Political Sociology
Fall. 3(3-0) 241.
Political action in the United States in relation to theory and practice of democracy. Nature of social pressures, political group, and effect of local community situation on political activity will be considered.

423. Sociology of the Family
Winter. 3(3-0) 241.
Sociological analysis of the family, its development as a social institution, its relationship to society, and its contribution to personality.

424. Sociology in Mental Health
Spring. 3(3-0) 351 or PSY 335.
Sociological theories of etiology of mental disorder; research on social epidemiology and ecology; impact of social structure; popular concepts of mental health and deviancy; emerging ideologies of mental health disciplines.

428. Contemporary Communities
Winter, Summer. 4(3-0) 241.
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.

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

430. Sociology of Occupations and Professions
Winter. 3(3-0) 241.
Social significance of work. Forces changing contemporary occupational structure. Labor market associated with typical career patterns of occupations and professions. Social organization of occupational groups with emphasis on their ideology and politics.