PSYCHOLOGY

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; 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 common 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. 2(2-0) 160 must be elected concurrently.
A small-enrollment discussion class for students enrolled in 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.

209. Elements of Physiological Psychology
Fall, Winter. 3(3-0) 160 and 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. 4(3-0)
160 or 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. 3(3-0)
160 or ED 200 or Sophomores with approval of department.
Application of psychological principles to an introductory understanding of personality and interpersonal functioning; 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
(Fall) Fall, Winter, Spring. 4(4-0) 160 or 170, ED 200.
Developmental psychology of the infant and child. Emphasis on acquisition, including biological, social, cognitive, moral, perceptual and cultural development; relations with caregivers and peers as well as development of individual characteristics.

246. Sensitivity to Children I
Fall. 3(3-2) To receive credit 246, 247, and 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 therapists, teachers and parents.

247. Sensitivity to Children II
Winter. 3(3-2) To receive credit 246, 247, and 248 must be completed satisfactorily except by prior arrangement with instructor. 246.
Continuation of 246.

248. Sensitivity to Children III
Spring 3(2-2) To receive credit 246, 247, and 248 must be completed satisfactorily. 247.
Continuation of 247.

255. Organizational and Personnel Psychology
Fall, Winter, Spring. 3(3-0) Introductory course in psychology.
The psychology of managing and leading, personnel operations, and the humanizing of work organizations.

260. Human Sexuality
Winter, Spring. 3(3-0) Credit may not be earned in both FCS 465 and PSY 250. 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. 4(4-0) 170 or 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. 3(2-2) 215, 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) 170, or ED 200, 215; one additional course in experimental psychology recommended.
Principles 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) 269 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. Sophomore of even-numbered years. 3(3-0) 170, 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. 3(0-4) 170, 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) 170, 215; 313 concurrently.
Detailed analysis of basic conditioning processes such as reinforcement, discrimination, generalization, punishment, aversive behavior, and theories of learning from emphasis on infrhuman 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) 170, 215; 313 concurrently.
Representative experiments in operant behavior, including Fall, Winter project selected by the student, using the pigeon as the laboratory animal.

314. New Course: Sensation and Perception
Fall, Winter, Spring. Summer of odd-numbered years. 3(0-4) 170; 313 concurrently.
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.

316. Human Learning
Fall, Winter, Spring. Summer of odd-numbered years. 3(0-4) 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.

317. Psychological Orientation
Fall, Winter, Spring. 3(0-0) 160 or ED 200.
Survey 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.

318. Psychological Orientation
Fall, Winter, Spring. 3(0-0) 160 or ED 200.
Survey 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.

319. Psychology of Social Psychology
Fall, Winter, Spring. Summer of odd-numbered years. 3(0-4) 170, 215; 313 concurrently.
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.

320. Experimental Psychology: Perception
Fall, Winter, Spring. 3(3-0) 170, 215, 310, 311.
Critical examinations of problems, principles, methods, techniques, materials, results and conclusions in relation to theory in studies of perception, including experimentation and demonstrations.

321. Experimental Psychology: Perception
Fall, Winter, Spring. 3(3-0) 170, 215, 310, 311.
Critical examinations of problems, principles, methods, techniques, materials, results and conclusions in relation to theory in studies of perception, including experimentation and demonstrations.

322. Experimental Psychology: Perception
Fall, Winter, Spring. 3(3-0) 170, 215, 310, 311.
Critical examinations of problems, principles, methods, techniques, materials, results and conclusions in relation to theory in studies of perception, including experimentation and demonstrations.

323. Experimental Psychology: Perception
Fall, Winter, Spring. 3(3-0) 170, 215, 310, 311.
Critical examinations of problems, principles, methods, techniques, materials, results and conclusions in relation to theory in studies of perception, including experimentation and demonstrations.

324. Developmental Psychology: Adolescence and Youth
Fall, Winter, Spring. (348.) Winter, Spring. 3(3-0) 310.
Continuance of 324 covering development during adolescence and youth with emphases on problems of identity and adjustment to the social environment.

325. Psychology of Human Relations in Work Setting
Fall, Winter, Spring. 3(3-0) 310.
An introductory course in psychology and 235 or MGT 310. Students may not earn credit in both 325 and MGT 414.
Preventing and solving problems among individuals and groups in work organizations; psychological and legalistic approaches compared; illustrations mainly from United States but also from other cultures as appropriate.

326. Psychology of Human Relations in Work Setting
Fall, Winter, Spring. 3(3-0) 310.
An introductory course in psychology and 235 or MGT 310. Students may not earn credit in both 325 and MGT 414.
Preventing and solving problems among individuals and groups in work organizations; psychological and legalistic approaches compared; illustrations mainly from United States but also from other cultures as appropriate.

327. Psychology of Human Relations in Work Setting
Fall, Winter, Spring. 3(3-0) 310.
An introductory course in psychology and 235 or MGT 310. Students may not earn credit in both 325 and MGT 414.
Preventing and solving problems among individuals and groups in work organizations; psychological and legalistic approaches compared; illustrations mainly from United States but also from other cultures as appropriate.

328. Psychology of Human Relations in Work Setting
Fall, Winter, Spring. 3(3-0) 310.
An introductory course in psychology and 235 or MGT 310. Students may not earn credit in both 325 and MGT 414.
Preventing and solving problems among individuals and groups in work organizations; psychological and legalistic approaches compared; illustrations mainly from United States but also from other cultures as appropriate.
436. Psychology of Communication and Persuasion
Fall, Spring. 3(3-0) 335 or SOC 251
Psychological processes underlying communication and persuasion; learning and using communication in interpersonal relations; effects of communication themes, techniques, symbols, and formats on thought, attitudes, and personality of audiences.

437. Psychology of Political Behavior
Fall, Winter, Spring. 3(3-0) 335 or SOC 251 or 6 credits in sociology or political science. Interdepartmental with the Department of Political Science.
Psychological theories, principles, methods and techniques applied to political behavior; belief systems; personality influences; decision making; psychological patterns in legislative voting; political leadership; interpersonal and international relations and tensions.

438. Research Methods in Social Psychology
Fall, Winter, Spring. 4(3-4) 215; 335 or SOC 251; 1 course in experimental psychology.
Critical examination of problems, principles, methods, techniques, materials, results and conclusions in relation to theory in social psychology, including experimentation and demonstration.

439. Selected Topics in the Psychology of Women
Fall, Spring. 3(3-0) May re-enroll for a maximum of 9 credits when different topics are offered. Nine credits in psychology or approval of department.
Selected topics: e.g., achievement and affiliation behavior; sex-typed behavior and identity; political socialization of women; personality perspectives; psychohistory of women; professional and traditional orientations; third world women.

444. Advanced Developmental Psychology
A. Social Development
Fall. 4(4-0) 160, 170, 215, 244 or approval of department.
Theories and recent research in social development of infants, children, and adolescents.
B. Cognitive Development
Winter. 4(4-0) 160, 170, 244 or approval of department.
Recent approaches to cognitive development. A view of selected theories and experiments.
C. Language Development
Spring. 4(4-0) 160, 170, 244 or approval of department.
Psychological theories and experiments in the development of language in the child, including both social and cognitive effects of language development.
D. Applied Development
Fall, Summer. 4(4-0) 160, 170, 244 or approval of department.
Selected behavior problems in development. Topics may include: child psychopathology, physical and emotional disabilities, speech disorders, cognitive-reflective deficits.

455. Personnel Research Techniques
Fall, Spring. 4(3-4) 215, 235.
Quantitative research techniques applied to typical personnel problems in industry and government.

456. Personnel Training and Development
Spring. 4(4-0) 356 or MGT 414.
Each student develops skills called for in training work of employees, supervisors and managers in industry, business, and government--all in an organization development frame of reference. Relevant research reviewed.

457. Personal Interviewing
Winter. 4(4-0) 356 or MGT 414.
Each student develops skills called for in interviewing in industry, business, and government. Techniques and management of interviews. Relevant research reviewed.

458. Psychology of Love and Maturity
Fall, Winter. 4(4-0) Juniors and 3 courses in psychology.
The function of love in human existence. Varieties of love; their effect upon the growth of the person in terms of awareness, integration, authenticity, social concern and responsibility, maturity and fulfillment.

459. Psychology of Music
Winter. 3(3-2) 486. Interdepartmental with the Department of Music.
Basic research concepts and experimental methods in psychology of music research. Practical training in conducting experimental research of musical behavior.

460. Humanistic Psychology
Fall, Spring. 4(4-0) 485.
Subject matter is drawn from the psychology of personality in its various forms. The usual approaches of the behavioral sciences are subject to critical analysis. One goal is to derive some elements of a philosophy of life for the man as a potentially rational and ethical being.

461. Special Problems in Psychology
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Combined credits in 490 and 491 may not exceed 12. Approval of department.
Each student will work under direction of a staff member on an experimental, theoretical, or applied problem.

462. Participation in Psychological Projects
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Combined credits in 490 and 491 may not exceed 12. Approval of department.
Each participant will participate in a psychological project under direction of a staff member.

463. Senior Project
Fall, Winter. 3(0-6) May re-enroll for a maximum of 6 credits. 390H or approval of department.
Independent research involving literature survey, naturalistic observation, or experimental investigation with staff supervision. Preparation of the Senior paper.

464. Conditioning and Learning
Fall. 4(3-0)
Dedicated stimulus-response analysis of the basic operations of conditioning and learning, including such variables as reinforcement, motivation, and inhibitory effects, with an emphasis on infrahuman data.

465. Perception
Fall. 4(3-0) Majors or approval of department.
Consideration in depth of selected topics in perception. Integration of theoretical and empirical material.

IDC. Seminar in Industrial Relations
For course description, see Interdisciplinary Courses.

466. History and Systems
Spring of even-numbered years. 4(3-0)
Psychology majors or approval of department.
Major scientific, cultural, philosophical, and personal influences in the development of psychology. Analysis of persisting issues.

467. Advanced Comparative Psychology
Fall of odd-numbered years. 4(3-0) Majors or approval of department.
Behavior of infrahuman organisms with emphasis on general behavior processes as seen in a variety of animal forms. The comparative method as applied to innate behavior and behavior modification.

468. Cognitive Processes
Spring of even-numbered years. 4(3-0)
A course in experimental psychology.
Critical survey of theories and research on such topics as problem solving, creative thinking, reasoning, judgment, decision making, formation and use of concepts and principles.

469. Human Learning and Performance
Spring. 4(3-0) Majors or approval of department.
Experimental findings and theoretical analyses of the acquisition, retention, transfer and execution of verbal material and perceptual-motor skills. Selected demonstrations of major phenomena.

470. Advanced Physiological Psychology
Spring. 4(3-0) Majors or approval of department.
Psychology as a biological science. Consideration of physiological events underlying organism-environment interaction.

471. Psychology of Language
Spring. 4(3-0)
Critical survey of research on language acquisition, utilization, and modifications; psycholinguistic considerations in study of learning, perception, motivation, and cognitive processes.

472. Advanced Psychometrics
Fall, Winter. 4(4-0) A course in statistical inference; majors or approval of department.
Theory and practice in analysis and interpretation of psychological data.

473. Advanced Psychometrics
Winter, Spring. 4(4-0) 815.
Continuation of 472.
820. Mathematical Models in Psychology I
Fall. 4(4-0) MTH 111 and STT 201 or approval of department.
Discussion of the relationship between mathematics and psychological theory. Examination of the concepts of structure and change in qualitative psychological systems. Application of algebraic techniques to psychological theory.

821. Mathematical Models in Psychology II
Winter. 4(4-0) 820 or approval of department.
Representative mathematical models in psychology, attending particularly to stochastic models and the relationship between models and data. Advantages and limits of various models for different psychological problems.

823. Personality Theory I
Fall. 4(3-0) Majors or approval of department. Freudian and neo-Freudian conceptualizations of personality and psychopathology. Examination of basic constructs; theory of psychosocial development; psychotherapeutic implications.

825. Clinical Assessment I
Fall. 2(0-6) Majors or approval of department. Assessment of psychodiagnostics and psychopathology. Individual case studies based on interviews and psychological tests. Behavioral correlates of psychodynamic problems.

826. Personality Theory II
Winter. 4(3-0) Majors or approval of department. Developmental and social-learning approaches to personality and psychopathology; social learning and psychodynamics, socialization, intellectual theories, applications of classical and operant conditioning. Psychotherapeutic implications.

827. Clinical Assessment II
Winter. 2(0-4) 825 or approval of department. Clinical assessment of children. Individual case studies making systematic use of behavioral observations, interviews, and standardized tests. Integration of data and principles of development of new assessment procedures.

828. Personality Theory III
Spring. 4(3-0) Majors or approval of department. Interpersonal and phenomenological approaches to personality theory. Survey of major conceptualizations and principles relating to the presentation of self in individual and group settings. Psychotherapeutic implications.

829. Clinical Assessment III
Spring. 2(0-4) 830 or approval of department. Self-appraisal and investigation of interpersonal transactions in two-person and larger groups. Standardized techniques, individual case studies, and principles of development of new methods.

830. Experimental Psychology: Social
Fall. 4(4-0) One course in experimental psychology. Intensive experience in designing, executing, reporting, and evaluating research in social psychology, including an individual research project.

831. Psychological Aspects of Politics
Fall, Winter. Spring. 4(3-0) Interdepartmental with and administered by the Department of Political Science. Relevance of psychological concepts, theories and methods for the study of political institutions, organizations and behavior.

832. Advanced Social Psychology: Cognitive Approaches
Winter, Spring. 4(3-0) 815; 20 credits in the social sciences. Contemporary theory and research in social psychology dealing with attitude organization and function, environmental and behavioral, attitude change and balance theories.

833. Advanced Social Psychology: Group Processes
Spring. 4(4-0) 815; 20 credits in social sciences. Contemporary theory and research dealing with the individual in a group context.

834. Developmental Psychology: Infancy
Fall. 4(3-1) Majors or approval of department. Human infancy: conception to three years. Developmental history of prenatal life, personalty, learning, perception, sensory stimulation and deprivation, neurophysiology, psychophysiology, language and cognition.

835. Developmental Psychology: Childhood
Winter. 4(4-0) Majors or approval of department. Psychological theories and research methods and findings related to the intellectual, emotional, perceptual, social and personality development of the child.

836. Developmental Psychology: Adolescence and Youth
Spring. 4(3-0) Majors or approval of department. Psychological theories and research methods and findings related to the intellectual, emotional, perceptual, social and personality development of the adolescent and young adult.

837. Personality Development
Spring. 4(2-2) Fifteen graduate credits. Psychological principles in the training and development of personnel at all organizational levels with special attention devoted to managerial leadership.

838. Advanced Industrial Psychology
Fall. 4(3-0) Twenty credits in the behavioral sciences or organizational behavior, and a course in statistics. Industrial and organizational psychology as a science and as a profession.
886. Vertebrate Neural Systems II
Winter. 3 credits. Fall. 3(2-2) Approval of department. Critical study of the selected areas such as factor analysis, pattern analysis, partial and multiple correlational analysis, psychophysical methods, scaling, reliability and validity, and factorial designs.

889. Advanced Issues in Humanistic Psychology
Winter, Spring. 3(3-2) May re-enroll for a maximum of 24 credits. Approval of department. Physiological mechanisms underlying behavior. Development of skills in the methods, techniques, and instrumentation necessary for research in a variety of areas concerned with physiology and behavior with special emphasis on ablative procedures.

902. Special Research Techniques
Fall, Winter, Spring. 3(2-2) Approval of department. May re-enroll for a maximum of 12 credits. Graduate students and approval of department.

902A. Laboratory in Advanced Physiological Psychology I
Spring. 3(2-2) 902A. Detailed examination of the physiological mechanisms underlying behavior. Development of skills in the methods, techniques, and instrumentation necessary for research in a variety of areas concerned with physiology and behavior with special emphasis on ablative procedures.

902B. Laboratory in Advanced Physiological Psychology II
Spring. 3(2-2) 902B. Detailed examination of the physiological mechanisms underlying behavior. Development of skills in the methods, techniques, and instrumentation necessary for research in a variety of areas concerned with physiology and behavior with special emphasis on ablative procedures.

914. Seminar in Advanced General Psychology
Fall, Winter, Spring. 1 to 4 credits. May re-enroll in different areas for a maximum of 16 credits. Approval of department. Critical study of selected areas such as sensation, perception, motivation, emotions, learning, physiological, comparative, thought, and language.

924. Seminar in Measurement
Fall, Winter, Spring. 1 to 4 credits. May re-enroll in different areas for a maximum of 16 credits. Approval of department. Critical study of selected areas such as factor analysis, pattern analysis, partial and multiple correlational analysis, psychophysical methods, scaling, reliability and validity, and factorial designs.

925. Practicum: Psychological Clinic I
Fall. 3(2-2) Approval of department. Fall. 3(2-2) Approval of department. Critical study of clinical evaluation and treatment. Supervised experience in psychodiagnosis and psychotherapy of adults and children in the Psychological Clinic. Introduction to evaluation and treatment. Supervised experience in psychodiagnosis and psychotherapy of adults and children in the Psychological Clinic. Primary focus on work with families. Didactic seminar in related theory and research.

930. Practicum: Psychological Clinic II
Winter. 3(2-2) 928. Continuation of 928. Winter. 3(2-2) 928. Continuation of 928. Critical study of a selected area such as theory, assessment, dynamics, structure, self and determinants.

934. Seminar in Personality
Fall, Winter, Spring. 1 to 4 credits. May re-enroll for a maximum of 36 credits. Approval of department. An intensive analysis of contemporary social psychological research monographs illustrating theoretical and methodological positions.

936. Attitudes and Personality
Winter. 3(2-0) Thirty graduate credits. Review and analysis of research on sentiments, beliefs and opinions, authoritarianism, pseudo-autoritarianism, and democratic personality; functions, resistance to change and relation to value systems and ideology.

937. Individual Behavior and Complex Groups
Spring. 3(2-0) Thirty graduate credits. Problems of research design and experimental method in the study of the relationship of the individual to the complex organization.

944. Seminar in Social Psychology
Fall, Winter, Spring. 1 to 4 credits. May re-enroll for a maximum of 16 credits. Approval of department. Critical study of a selected area such as roles, communication and persuasion, individual interaction within small and large groups, behavior in relation to norms and interpersonal distances.

954. Seminar in Developmental Psychology
Fall, Winter, Spring. 1 to 4 credits. May re-enroll for a maximum of 16 credits in different areas. Thirty graduate credits. Seminar in Developmental Psychology. Critical study of a selected area such as theory, techniques and methods of observation, psychological, comparative, thought, and language.

969. Seminar in Industrial Psychology
Fall, Winter, Spring. 2 to 4 credits. Approval of department. Specialized areas in industrial and organizational psychology.
983. Child Psychotherapy
Winter. 2 to 4 credits. 581.
Dynamic process underlying therapy with children; methods and techniques; the child's symbolic communications through language, art, and play materials; assessing progress of therapy; review of research. Prerequisite cases.

984. Group Psychotherapy
Spring. 3(2-2) 981.
Research-oriented treatment of the theories, principles and techniques in group psychotherapy. Role of the leader, problems of member selection and evaluation of progress. Limited, supervised experience as a group participant.

985. Seminar in Clinical Psychology
Fall, Winter, Spring. 1 to 4 credits.
May re-enroll in different areas for a maximum of 16 credits. Forty-five graduate credits in psychology. Critical study of a selected area such as theories, diagnosis, projective techniques, psychotherapies, hypnosis, psychopathologies.

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

PUBLIC AFFAIRS MANAGEMENT
See Agricultural Economics

RACIAL AND ETHNIC STUDIES*

College of Social Science

College of Urban Development

240. Comparative Theories of Racism and Ethnocentrism
Fall, Spring. U D 262.
The evolutionary development and comparison of the concepts of racism and ethnocentrism as defined by theories of multiracial, pluralistic, melting pot, and other relevant theories and specific review of their effects on minority groups.

250. Racial and Ethnic Studies in American Society
Winter. Spring. 4(4-0) U D 202.
An examination of the development of American consciousness to race and ethnicity. Emphasis is given to a re-examination of the role of race and ethnicity, race prejudice, discrimination, and minority groups.

313. Development of American Indians as an Ethnic Minority
Spring. 4(4-0) Majors: U D 202; non-majors: approval of department. ANP 419 recommended.
The history of the contact between Euro-Americans and American Indians is examined from the perspective of Native Americans.

333. Contemporary Problems of American Indians
Spring. 4(4-0) 313.
An overview of contemporary American Indian problems (including their background in federal policies, protests engendered, and possible solutions).

363. The Formation of the Black Urban Working Class
Fall, Winter, Spring, Summer. 4(4-0) Juniors or approval of department.
The historical formation of the urban black working class and the effects of racial and economic oppression on its culture, social institutions, and world view.

385. Housing Problems of Minorities in Urban Areas
Fall, Spring. 4(4-0) U D 202, U F 433 recommended. Interdepartmental with the Department of Urban and Metropolitan Studies.
A study of the housing problems of minority groups with special emphasis on low cost housing.

393. Political Affairs of Native Americans
Winter. 4(4-0) 313.
An examination of the current political activities of Native Americans in Michigan.

401. Black (African) Diaspora
Fall. 4(4-0) Majors: U D 202; others: approval of department.
Critical inquiry and analysis of the dispersion of black people in global perspective. Historical orientation to settlement patterns, economic, social and political change and development.

402. Chicano Dramatic Expression
Spring. 4(4-0) U D 202 for majors; others: approval of department.
An overview of Chicano Dramatic Expression. Focuses on cultural and historical roots of Chicanismo, including Religioso Folk Theatre, contemporary expression, including guerrilla-political and cultural theater.

417. Minorities and Women in the World of Work
Fall, Spring. 4(4-0) Senior majors or approval of department. Interdepartmental with the Department of Social Work and administered by the Department of Management.
An analysis of the institutional mechanisms of racial dominance and control. Emphasis is given to the institutional mechanisms of racial dominance and how they work to maintain the racial status quo and their effects upon racial minorities.

450. Mechanisms of Racial Dominance and Conflict Resolution
Spring. 4(4-0) U D 202 or approval of department.
An examination of the institutional mechanisms of racial dominance and control. Emphasis is given to the institutional mechanisms of racial dominance and how they work to maintain the racial status quo and their effects upon racial minorities.

460. Independent Study
Fall, Winter, Spring, Summer. 2 to 4 credits. May re-enroll for a maximum of 12 credits. Juniors, approval of department.
Supervised individual study in a racial or ethnic area of interest.

485. Selected Topics in Racial and Ethnic Studies
Fall, Winter, Spring. 4(4-0) May re-enroll for a maximum of 8 credits. College core or approval of department.
Contemporary issues and problems in the minority programs.

495. Senior Seminar
Spring. 4(4-0) Seniors.
Students will identify a major contemporary issue in racial and ethnic problems. A strategy for a solution will be developed and submitted to entire class.

498. Prefield Experience Seminar
Fall, Winter, Spring, Summer. 1 credit.
Approval of department. Interdepartmental with the Department of Urban and Metropolitan Studies and the College of Urban Development. Administered by the College of Urban Development.
Prepares students for the required College of Urban Development field experience. Students work with instructor in planning their field experiences and developing objectives and rationale. Approved through Winter term 1978.

499. Field Experience
Fall, Winter, Spring, Summer. 3 to 15 credits. May re-enroll for a maximum of 24 credits. 498 or approval of department. Interdepartmental with the College of Urban Development and the Department of Urban and Metropolitan Studies. Administered by the College of Urban Development.
The development of field research and analytical skills and the realization of experiential learning involving students participating in field work settings and public service projects. Approved through Winter term 1978.

RADIODIAGNOSIS†

College of Human Medicine

College of Osteopathic Medicine

480. Nuclear Medicine for Medical Technologists
Winter. 2(2-0)
Lab techniques in nuclear medicine, including physics instrumentation and essay methods with introduction to radiopharmaceutical preparation. In vitro studies are emphasized but in vivo procedures are also covered.

501. Radiologic Anatomy
Fall, Summer. 2(2-0) Approval of department.
Principles and techniques of X-ray use. Identification of anatomical structures depicted on X-ray films.

523. Fundamentals of X-ray Interpretation
Fall, Winter, Spring, Summer. 1 to 3 credits. May re-enroll for a maximum of 6 credits. Admission to College of Human Medicine or College of Osteopathic Medicine. Others: by approval of department.

550. Decision Analysis in Medicine
Fall, Winter, Spring. 2 to 4 credits. May re-enroll for a maximum of 8 credits. Approval of department.
Analysis of decisions in medicine, with emphasis on decision making and clinical judgment. Approved through Winter term 1978.