983. Child Psychotherapy  
Winter. 2 to 4 credits. 981.  
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. Practical 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, Spring, Summer. Variable credit. 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 Ethnic Centrism  
Fall, Spring, Summer. 4(4-0) U D 202.  
The evolutionary development and comparison of the concepts of racism and ethnocentrism as defined by theories of multiracial, multicultural pluralism, 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 agencies and organizations concerned with these areas.

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.

365. 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.

386. Political Affairs of Native Americans  
Spring. 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: Junior and U D 202; others: juniors or 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 Chicano drama, including Religious 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 Management and the School of Social Work and administered by the Department of Management.  
Racial, ethnic, sexual, and other minority experiences and problems in the world of work. Awareness training approach (what it's like to be ...), featuring movies, guest, subgroup discussions and encounter-type exercises.

450. Mechanisms of Racial Dominance and Conflict Resolution  
Spring. 4(4-0) U D 201 or approval of department.  
An examination of the institutional mechanisms of racial dominance and control. Focusing upon how these mechanisms operate to maintain the racial status quo and their effects upon racial minorities.

450. 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.

455. 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 an 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 provision of experiential learning involving students participating in field work settings and public service projects. Approved through Winter term 1978.

RADIOLOGY†  
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 film.

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, Summer. 2 to 4 credits. May re-enroll for a maximum of 8 credits. Approval of department.  
Analysis of decisions in medicine, with emphasis on the diagnostic process and clinical judgment. Approved through Winter term 1978.


†Established July 1, 1975.
590. Special Problems in Radiology
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 15 credits. Approval of department.
Special aspects of radiology and the use of x-rays in the efficient management of patients. Approved through Spring term 1978.

609. Radiology Clerkship
(HM 609.) Fall, Winter, Spring, Summer. 4 to 17 credits. May re-enroll for a maximum of 17 credits HM 609.
Office and hospital based experience to acquaint the student with basic radiological information and develop x-ray interpretation skills.

610. Radiation Therapy Clerkship
Fall, Winter, Spring, Summer. 4 credits. H M 602; MED 608 and H D 608 or SUR 608.
Clinical rotation in radiation therapy procedures and materials.

611. Nuclear Medicine Clerkship
Fall, Winter, Spring, Summer. 4 credits. H M 602; MED 608 and H D 608 or SUR 608.
Diagnostic and therapeutic procedures in nuclear medicine.

RELIGIOUS STUDIES* REL

College of Arts and Letters

150. Understanding Religious Man
Fall, Winter, Spring. 3(3-0)
Nature of religion; character of reality; symbolism, myth, sacred space, sacred time; rationalism and the nature of religious knowledge; religion and morality; psychology of religious experience; societal function of religion.

151. Western Religions
Fall, Winter, Spring. 3(3-0)
Beliefs, institutions, and cultural orientations of Western religions, following a comparative approach and comprehending the ancient religion of Israel, Zoroastrianism, Judaism, Greco-Roman elements, Christianity, and Islam.

152. Eastern Religions
Fall, Winter, Spring. 3(3-0)
Beliefs, institutions, and cultural orientations of Eastern religions, following a comparative approach and comprehending Hinduism, Buddhism, Sikhism, Confucianism, Taoism, and Shinto.

220. Old Testament
Fall. 3(3-0)
A study of the history, literature and religion of Israel based on a critical examination of the Biblical texts.

221. Old Testament
Winter. 3(3-0)
A continuation of 220.

222. New Testament
Spring. 3(3-0)
A study and analysis of the texts of the New Testament in light of their historical setting.

230. History of Christian Thought: Early and Eastern
(Fall) Fall. 3(3-0)
Development of Christology and the institutional Church, beginning in the first through the eleventh century. Gnosticism, Docetism, the Ecumenical Councils and major theologians studied from primary and secondary sources.

231. History of Christian Thought: Tertullian to Erasmus
(Winter) Winter. 3(3-0)

232. History of Christian Thought: Erasmus to the Present
(Spring) Spring. 3(3-0)
Study of key philosophers, theologians, movements, events of these centuries, including Reformation, Treat, enlightenment, biblical criticism, modernism, Vatican councils, neoorthodoxy, neothomism; Kant, Hegel, Marx, Trelutschein, Kierkegaard, Newman, Bonhoeffer.

295. Individual Readings
Fall, Winter, Spring. 2 credits. May re-enroll for a maximum of 9 credits if a different topic is taken. Approval of department. Supervised independent study of a particular topic in religious studies not covered in the regular courses.

300. Life of Christ
Fall. 3(3-0)
The life of Christ as recorded in the Gospels in light of Christian tradition and ancient and modern scholarship.

302. Writings of St. Paul
Winter. 3(3-0)
Analysis of the major Pauline letters together with the Book of Acts in the light of their significance for the early Church and for contemporary Christianity.

305. Christian Ethics and Society
(401.) Winter. 4(4-0)
The Biblical and theological basis for social action will be examined, also such areas of contemporary social concern as relations to justice, individual ethics to social ethic, situation to principle, the social order.

310. Christianity
Winter. 3(3-0)
Origins and historical development of Christianity, major doctrines and liturgical practices, ethical systems, institutional forms (Eastern Orthodox, Roman Catholic, Protestant), social and cultural contributions, contemporary status and role.

315. Eastern Christianity
Spring. 3(3-0)
Origins, faith and practice of the Orthodox Church in Russia and Eastern Europe, with attention to the history, beliefs and rites of the Coptic, Armenian, Ethiopian, and other Monophysite and Nestorian Churches and Uniate movement.

331. Classical Judaism: Ezra to Maimonides
Fall. 3(3-0)
Early, first-century, and classical Judaism, including Ezra, the Maccabees; Pharisees, Sadducees, Essenes, Zealots; rise of synagogue, rabbinate, festivals; development of Midrashim, Mishnah, Talmud; role of Geonim; contributions of Maimonides.

332. Modern Judaism: Maimonides to the Present
Winter. 3(3-0)
Ashkenazim and Sephardim; European ghetto and shetel life, Cabala, Hasidism; Reform, Conserva­tive, Orthodox, Reconstructionist movements; Zionism and modern Israel; emphasis on such modern thinkers as Mendelsohn, Rosenauweg, Buber and Heschel.

335. Islam
(443.) Winter. 3(3-0)
The life and environment of Muhammad, analysis of the Qur'an, basic Islamic law, beliefs, schools of thought, movements, history and expansion; unity and diversity in Muslim civilizations; modern trends.

336. Life of Muhammad and the Qur'an
Spring. 3(3-0)
Life and teachings of Muhammad as recorded in the Qur'an, Sira, and Hadith. Study of the text and doctrines of the Qur'an, its classical and modern Muslim, and Western interpretation.

350. Hinduism
(441.) Fall. 3(3-0)

353. Conformism and Taoism
Spring of odd-numbered years. 3(3-0)

354. Shinto and Japan's New Religions
Spring of even-numbered years. 3(3-0)
Shinto as basis of traditional Japanese society; current status and role. The New Religions of Japan, including their roots, character, current status and role; special attention to Soka Gakkai.

355. Hinayana Buddhism
Fall. 3(3-0)
Siddhattha Gotama and the origins of Buddhism. Theravada in historical development; the Tipitaka and its teachings; epistemology, psychology, logic, science, and world-view; the Sangha and socio-political relations. Current status.

356. Indian Mahayana Buddhism
Winter. 3(3-0)
Origins of Mahayana; Madhyamaka School; the Pramana-sutras and metaphysics; doctrine of Emptiness; Mahayana as the religion of the Person of Buddha in Three Bodies; buddhahood and Buddh-land. Hindu influences.

357. East Asian Mahayana Buddhism
Spring. 3(3-0)
Sinicization of Buddhism; Taoist influences; character under different Chinese dynasties; major schools and sects; popular vs. monastic Buddhism; transplantation to Japan and unique developments there; Zen. Cultural contributions, Contemporary status.