PUBLIC AFFAIRS MANAGEMENT

See Agricultural Economics.

RADIOLOGY RAD

College of Human Medicine
College of Osteopathic Medicine

480. Nuclear Medicine for Medical Technologists
Spring. 3(2-2) PHY 237, PHY 257; MTH 109; Junior or Senior Medical Technology majors.
Terminology and fundmentals of radionuclides. Application to nuclear medicine. Radiation measurement, protection, biologic effects with discussion of instruments and imaging systems. Principles of radioimmunoassay. Radiopharmaceutical techniques and clinical interpretation.

525. Fundmentals of X-ray Interpretation
Winter, Spring. 2(2-0) Admission to College of Human Medicine or College of Osteopathic Medicine. Others: approval of department.
Beginning laboratory course in recognition and interpretation of the normal and abnormal X-ray image. Use of X-ray as alternative diagnostic approach in efficient management of patients.

550. Decision Analysis in Medicine
Fall, Spring. 2(2-0) Graduate/Professional students or approval of department.
Terminology and fundamentals of objective decision analysis; application to problems in diagnosis and treatment. Diagnostic test performance, patient management strategies, utility analysis, cost-effectiveness, patient's role in medical decisions.

590. Special Problems in Radiology
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll 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.

609. Radiology Clerkship
Fall, Winter, Spring, Summer. 4 to 17 credits. May reenroll for a maximum of 17 credits. FMP 602.
Office and hospital based experience to acquaint the student with basic radiological information and develop X-ray interpretation skills.

RELIGIOUS STUDIES REL

College of Arts and Letters

101. Elementary Hebrew
Fall. 4(4-1) Interdepartmental with and administered by Hebrew.
Introduction to the Hebrew language, with pronunciation and conversation practice, reading and writing, and basic grammatical analysis of biblical and modern Hebrew.

102. Elementary Hebrew
Winter. 4(4-1) HEB 101. Interdepartmental with and administered by Hebrew.
Continuation of HEB 101.

103. Elementary Hebrew
Spring. 4(4-1) HEB 102. Interdepartmental with and administered by Hebrew.
Continuation of HEB 102.

150. Exploring Religion (A)
Fall, Winter, Spring. 3(3-0)
The nature of religious language and belief; sacred time, space, and literature; religious myths, rituals, and symbols; varieties of religious experience; the question of religious knowledge and truth.

151. Western Religions (A)
Fall, Winter, Spring. 3(3-0)
Historical-comparative approach to Jewish, Christian, and Muslim beliefs, practices, and worldviews, including views of God and other supernatural beings, human nature and destiny, paths for spiritual achievement, death and afterlife.

152. Eastern Religions (A)
Fall, Winter, Spring. 3(3-0)
Historical-comparative approach to Hindu, Buddhist, Confucian, Taoist, and Shinto beliefs, practices, and worldviews, including views of: nature of ultimate reality, human nature and destiny, death and beyond.

201. Intermediate Hebrew
Fall of odd-numbered years. 4(4-1) HEB 103. Interdepartmental with and administered by Hebrew.
Systematic review of grammar, oral practice and reading of modern pointed and unpointed texts. Root-finding skills and dictionary exercises.

202. Intermediate Hebrew
Winter of even-numbered years. 4(4-1) HEB 201. Interdepartmental with and administered by Hebrew.
Continuation of HEB 201.

203. Intermediate Hebrew
Spring of even-numbered years. 4(4-1) HEB 202. Interdepartmental with and administered by Hebrew.
Continuation of HEB 202. Primarily unpointed Hebrew texts and newspapers.

210. Denominations in America
Winter. 3(3-0)
Religious denominations in America, their origin, history, beliefs, sociology, influence, strengths, tensions; distinctions among sect, cult, and denomination; analysis of trends pointing to alternate futures; ecumenical movement.

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

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

295. Individual Readings
Fall, Winter, Spring. 1 to 5 credits. May reenroll for a maximum of 10 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.

299. Special Topics
Fall, Winter, Spring. 3(3-0) May reenroll for a maximum of 6 credits.
Selected topics not available on regular basis as part of standard curriculum. Offered as faculty interest and availability permit.

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
Spring. 4(4-0)
Biblical and theological bases for social action. Areas of contemporary discussion including the relation of love to justice, individual ethic to social ethic, situation to principle, and the social order.

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

318. Development of Christian Thought
Winter. 3(3-0) Not open to students with credit in REL 320 or REL 321 or REL 322.
Development of major doctrines from early church to present. Trinity, Christology, Eucharist, grace, sacraments, predestination, redemption. Key controversies, issues, theological influences, Catholic and Protestant. Augustine, Aquinas, Luther, modernity.

331. Classical Judaism
Fall. 3(3-0)
Major developments in Jewish life and thought from Ezra to Maimonides, including the rise of the synagogue, Sabbath, rabbinate, Talmud, and Midrash. Representative Jewish thought during the Golden Age of Jewish-Arabic culture.

332. Modern Judaism
Winter. 3(3-0)
Major developments in Jewish life and thought in modern times, emphasizing the Hasidic, Reform, Zionist, Conservative, and Reconstructionist movements and reactions against them, and contemporary issues in Jewish thought.

335. Islam
Winter. 3(3-0)
Life of Muhammad and rise of the Muslim community, spread of Islam, the Koran, basic beliefs and practices, schools of thought, mysticism, unity and diversity within Islam.

337. Modern Islam
Spring of odd-numbered years. 3(3-0)
Major developments in Muslim thought and practice in modern times, with emphasis on reform and revivalist movements and contributions of key Muslim spokesmen in Arabia, Egypt, India/Pakistan, and Turkey.