

979. Counseling and Psychotherapy
Fall. 3(2-2) Approval of department.
Psychotherapy with late adolescents and adults. Various points of view with emphasis on interpersonal relationship and client-centered approaches. Techniques for introducing therapeutic movement. Study of tape recordings and research findings.

980. Practicum: Individual Counseling and Psychotherapy
Winter. 3(2-2) PSY 979 and approval of department.
Detailed study of psychotherapeutic interviews aimed at developing skill as a psychotherapist. Therapeutic and assessment techniques, interview dynamics and psychotherapeutic movement studied by means of verbatim transcripts, tape recordings, films, role playing, and observation.

981. Practicum: Counseling and Psychotherapy
Spring. 3(2-2) PSY 980 and approval of department.
Counseling with a variety of clients at the University Counseling Center. Group and individual discussions of problems, processes, counselor-client interaction, and professional ethics.

982. Advanced Practicum: Counseling and Psychotherapy
Fall, Winter, Spring. 1 to 4 credits.
May reenroll for a maximum of 12 credits. PSY 981 and approval of department.
Counseling and psychotherapy with a variety of clients of the University Counseling Center.

985. Seminar in Clinical Psychology
Fall, Winter, Spring. 1 to 4 credits.
May reenroll 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. Doctoral Dissertation Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**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 fundamentals 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. Fundamentals of X-ray Interpretation
Fall, Winter, Spring, Summer. 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. H M 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 after-life.

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. 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. 4(4-1) HEB 201. Interdepartmental with and administered by Hebrew.
Continuation of HEB 201.

203. Intermediate Hebrew
Spring. 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)
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.