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.** 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, Winter, Spring.** HEB 101. 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.** HEB 102. Interdepartmental with and administered by Hebrew.
- Continuation of HEB 101.

#### 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 unpainted 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 origins, 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, Exu­
rist, grace, sacraments, predestination, redemption. Key controversies, issues, theological
influence, 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, rabbinirr, 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
temporary issues in Jewish thought.

335. Islam
Winter. 3(3-0)
Life of Muhammad and rise of the Muslim com-
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.

338. The Koran and the Bible
Spring of even-numbered years. 3(3-0)
An introduction to the Islamic scripture, including its historical setting, development, literary
forms, and teaching, followed by comparative study of Koranic and Biblical stories, characters,
and themes.

340. Hinduism
(REL 350) Fall. 3(3-0)
The roots of Hinduism in Vedic tradition and Dravidian religion and the historical develop-
ment of Hinduism. Hindu beliefs, rituals, practices, philosophical systems, spiritual paths,
sects, and caste system. Role of Hinduism in Indian society.

341. Buddhism
Winter. 3(3-0) Not open to students with credit in REL 355.
South Asian sources of Buddhism: Pali texts, early scholasticism: concepts and schisms. Develop-
ment of Mahayana and tantric groups. Buddhist epistemology and psychology. Formation of Sangha and Buddhist sects. Monasticism and meditation.

342. Religions of China
Spring of even-numbered years. 3(3-0) Not open to students with credit in REL 353.
Archaeal China and ancestor worship. Confu-
cianism, especially Mencius. Taoism, especially Lao Tzu. Schools of Chinese Buddhism, especi-
ally Lotus and Ch'An. Neo-Confucianism. Folk and popular religions. Syncretism of Chi-
nese worldview.

343. Religions of Japan
Spring of odd-numbered years. 3(3-0) Not open to students with credit in REL 354.
Early Japanese religiosity. Development of kami/Shinto as basis of traditional Japanese soci-
ety. Importations from China; Medieval Bud-
dhism, especially Pure Land, Nichiren, and Zen.
Butsudio, way of the warrior. New religions.

360. Christian Thought Today
Fall. 3(3-0)
Major movements and developments in Chris-
tian thought today; key Christian theologians
and their ideas relating to personal faith, social
and political life today; future directions in
interpreting the Christian tradition.

370. Religion in American Culture (A)
Fall. 3(3-0)
Historical and interpretative study of religion in
American culture from Spanish and French
explorations to 1800. Puritanism, deism, revivalism, communal movements, cults,
pietism, development of the civil religion of
'Americanism'.

371. Religion in American Culture (A)
Winter. 3(3-0)
Historical and interpretative study of religion in
American culture from 1800 to the present. The-
ological interpretations of the Civil War, industri-
alism, imperialism, social gospel, black religion,
communal movements, cults, 'Americanism'.

372. American Civil Religion (A)
Spring. 3(3-0)
Theological, historical and sociological factors
in the development and diversification of Ameri-
can civil religion; sense of identity, mission, and
destiny. Investigation of the theories of Bellah,
Marty, Mead, Herberg, Novak.

375. Studies in Christianity
3(3-0) May reenroll for a maximum of 9
credits. Approval of department.

452. The Protestant Reformation
Fall. 4(4-0) Juniors.
The theological background of the Continental
Reformation, its varied patterns of the sixteenth
century theological currents and their off-
shots: Lutheranism, Calvinism, Anabaptists
and other radical schools of thought.

Resource Development — Descriptions of Courses

475. Individual Readings
Fall, Winter, Spring. 1 to 5 credits.
May reenroll for a maximum of 10 credits if dif-
cerent topics are taken. Approval of department.
Enrollment limited to upper class students with
proficiency given to majors and to students with
at least nine credits in religion or other appropri-
ate preparation.

501. Graduate Studies in Religion
Fall, Winter, Spring. 3(3-0) May
reenroll for a maximum of 12 credits. Approval of department.
Readings on pre-announced topics, individual
and group conferences as scheduled, prepara-
tion and presentation of research papers.

RESOURCES DEVELOPMENT R D

College of Agriculture and Natural Resources

203. Resource Ecology
(TDQ 201) Fall, Winter, Spring, Sum-
er. 3(3-0) Interdepartmental with the depart-
ments of Fisheries and Wildlife, Forestry,
Geography, and Zoology. Administered by the
Department of Fisheries and Wildlife.
Basic concepts of ecology which are the unifying
basis for resource management, conservation
policy and the analysis of environmental qual-
ity. Extensive use of guest lecturers.

207. Great Lakes: Biology and
Management
Spring. 3(3-0) Interdepartmental with
and administered by the Department of Fishe-
ries and Wildlife.
Living aquatic resources of the Great Lakes:
environmental history, biological resources and
their management.

301. Conservation of Natural Resources
Fall, Winter, Spring. Summer. 3(3-0)
Development of conservation movement with
broad treatment of basic natural resources (min-
erals, land, waters, forests, wildlife). Conserva-
tion practices and facilities, organizations, and
agencies involved in their application. General
introduction to field.

385. Junior-Senior Seminar
Fall, Winter. 1-10 Juniors.
Current issues, problems and opportunities in
resource development. Student involvement in
discussions, analyses, and presentations on
resource problems and possible solutions.

409. Terrestrial Hydrology
Winter. 3(2-2) CSS 210. MTH 108,
CPS 100, Juniors; or approval of department.
Interdepartmental with the departments of
Crop and Soil Sciences and Forestry. Adminis-
tered by the Department of Forestry.
Global hydrologic cycle, balances, and precipi-
tation. Water storage and flows in vegetation,
soil and groundwater of forest, wildland, rural
and wetland landscapes. Management effects on
evapotranspiration, groundwater recharge, and
streamflow.

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