

Descriptions —Public Resource Management of Courses

211. Introduction to Gender and Environmental Issues

Spring. 3(3-0) Interdepartmental with Fisheries and Wildlife, Resource Development, Women's Studies, and Forestry. Administered by Fisheries and Wildlife.

R: Not open to freshmen.

The concept of gender. Overview of environment and habitat. Historical gender roles in environmental management. Gender-based theoretical perspectives. Case studies on developing and developed countries. Environmental management with emphasis on fisheries, wildlife and wetlands. Women environmental professionals.

255. Ecological Economics

Fall, Spring. 3(3-0)

P: EC 201

Relationship between the economy and the natural environment. Economic organization and sustainability. Economic concepts applied to natural resources and agriculture.

260. World Food, Population and Poverty

Spring. 3(3-0)

Description and analysis of world food, population and poverty problems. Interrelationships between developed and developing countries.

320. Public Policy Analysis Methods

Fall. 3(3-0)

P: EC 201, PRM 201.

Analytical methods for evaluating the economics of public policies. Conceptual and theoretical approaches to selected policy problems including political and legal aspects.

335. Taxes, Government Spending and Public Policy

Fall, Spring, Summer. 3 credits. Interdepartmental with Economics. Administered by Economics. P: EC 201 or EC 251H. R: Not open to students with credit in EC 435 or EC 436.

Economics of the public sector. Public goods, externalities, design and incidence of the tax system. Equity and efficiency effects of government programs.

404. Public Program Evaluation (W)

Spring. 3(3-0)

P: PRM 320; STT 200 or STT 201 or STT 315. R: Not open to freshmen and sophomores. Completion of Tier I writing requirement.

Design and use of program evaluations in public resource management. Impact and multiple outcome analysis. Substantive and statistical significance.

430. Law and Resources

Fall. 3(3-0) Interdepartmental with Resource Development and Forestry. Administered by Resource Development.

P: RD 200; EC 201 or GBL 395.

Legal principles applied to natural resource use. Sovereignty, property rights, land and water use, jurisdiction, public trust doctrine, fish and game law, mineral rights, and eminent domain. Case and statutory law analysis.

433. Law and Social Change

Spring. 3(3-0) Interdepartmental with Resource Development and Sociology. Administered by Resource Development.

P: GBL 395. R: Not open to freshmen.

Function of law in a modern society. Concepts of power, public regulation, civil rights, and property rights. Limits on freedom.

440. The Resource Development Policy Process in Michigan

Spring. 3(3-0) Interdepartmental with Resource Development. Administered by Resource Development.

P: RD 200; PRM 201 or PLS 100 or PLS 301 or PLS 324.

Public policy formation related to environmental and economic development issues at state and community levels. Observation and analysis of actual proceedings. Field trips required.

453. Women and Work: Issues and Policy Analysis

Spring. 3(3-0) Interdepartmental with Economics and Women's Studies.

P: EC 201 or EC 202 or PRM 201 or concurrently. R: Not open to freshmen and sophomores.

Current and past quantity and quality of women's participation in the labor force. Gender differentials in earnings, and occupations. Employment discrimination. Laws, especially affirmative action laws. Social policy effects. International issues.

460. Resource and Environmental Economics

Spring. 3(3-0) Interdepartmental with Resource Development; Park, Recreation and Tourism Resources; and Biosystems Engineering. Administered by Resource Development.

P: RD 200; EC 201 or EC 202 or PRM 201 or RD 302.

Economics of land and related environmental resources. Production and consumption processes. Resource allocations and scarcity. Market failure and externalities. Market and institutional remedial approaches.

461. Regional Economics

Fall. 4(3-2) Interdepartmental with Resource Development and Economics. Administered by Resource Development.

P: RD 200; EC 201 or RD 460. R: Not open to freshmen or sophomores.

Location decisions of firms and households. Relevant government policies. Applications of regional analysis to industrial, regional, and community development.

462. Agricultural Development in Less Developed Countries

Fall. 3(3-0) Interdepartmental with Food Systems Economics and Management. Administered by Food Systems Economics and Management.

P: EC 201; PRM 260 recommended. R: Not open to freshmen and sophomores.

Factors responsible for agricultural growth, as well as technical and institutional change. Sustainable strategies for increasing food production and rural incomes.

470. Theory and Practice in Community and Economic Development

Fall. 3(3-0) Interdepartmental with Resource Development and Sociology. Administered by Resource Development.

P: EC 201 or EC 202; RD 200 or approval of department.

Concepts, principles, models, and skills for community and economic development. Community participation in local development initiatives.

490. Independent and Supervised Study

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 7 credits in all enrollments for this course.

P: PRM 201, PRM 320. R: Open only to Public Resource Management majors. Approval of department; application required.

In-depth independent study of topics affecting public resource management. Complimentary with previous coursework, adapted to career aspirations.

RADIOLOGY

RAD

**Department of Radiology
College of Human Medicine
College of Osteopathic Medicine**

552. Medical Neuroscience

Spring. 4(3-2) Interdepartmental with Anatomy and Physiology. Administered by Anatomy.

R: Graduate-professional students in colleges of Human and Osteopathic Medicine.

Correlation of normal structure and function of the human nervous system with clinical testing, classical lesions, and common diseases.

553. Introduction to Radiology

Spring. 1(1-0)

R: Graduate-professional students in colleges of Human and Osteopathic Medicine or approval of department.

Principles of medical diagnostic radiology: means of generating diagnostic images, and anatomical and physiological changes that result in such images.

590. Independent Study

Fall, Spring, Summer. 1 to 3 credits.

R: Approval of department.

Special aspects of radiology. Imaging as a diagnostic tool in patient management.

609. Radiology Clerkship

Fall, Spring, Summer. 4 to 8 credits. A student may earn a maximum of 32 credits in all enrollments for this course.

R: Completion of two years of graduate-professional program in College of Human Medicine or College of Osteopathic Medicine.

Diagnostic imaging consultation. Participation in image interpretation and observation in hospital or outpatient radiology setting.

RELIGIOUS STUDIES

REL

**Department of Religious Studies
College of Arts and Letters**

101. Exploring Religion

Fall, Spring. 3 credits.

Religion and religions as historical phenomena. Non-textual and textual religions. Theories of the origins and functions of religion. Exemplary voices from various traditions examined in their historical and doctrinal settings.

205. Myth, Self, and Religion

Fall, Spring. 3(3-0)

The mythic quest for meaning, identity, value, and transcendence as seen through religious biography and literary narrative. Myth in relation to religious symbols and life-cycle rituals. Cross-cultural perspective on religious world views and the interpretation of myth as sacred narrative.

210. Religion and Media

Fall. 4 credits.

Portrayal of religion by the media in cultures around the world. Use of the media to promote religious beliefs. Examples from documentary film, television, print media and the internet.

290. Independent Study

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

306. Native American Religions

Spring, 3(3-0)

R: Not open to Freshmen

Indigenous forms of spirituality among the Native American peoples. Materials from myth, ritual, ceremonial life, and art as ways of obtaining and sharing religious knowledge. Pervasive spiritual and cosmological themes.

310. Judaism

Fall, 4(4-0)

R: Not open to freshmen.

Jewish life, thought, and institutions. Jewish calendar. Second Temple and Rabbinic periods. Talmud and Midrash. Jewish life in Europe and America. Hasidic, Reform, Orthodox, and Conservative movements. Anti-Semitism, Zionism, and the Holocaust. Current issues.

320. Christianity

Spring of even-numbered years. 3(3-0)

R: Not open to freshmen.

Origins and historical development of Christianity. Rituals, institutional forms (Eastern Orthodox, Catholic, Protestant). Monastic and mendicant movements. Major doctrines and their development. Contemporary status and role.

330. Islam

Spring, 4(4-0)

R: Not open to freshmen.

Islam from the time of Muhammad to the present. Pre-modern developments: life of Muhammad. Qur'an, Hadith, Islamic law. Sunnis, Shiites, sects and their rituals. Unity and diversity. Modern movements and trends.

340. Hinduism

Fall, 4(4-0)

R: Not open to freshmen.

Historical, philosophical and doctrinal development. Vedic Sacrifice, Upanishads, devotional Vaishnavism, Yoga and meditation, Tantric and medieval forms, ritual and temple forms. Modern syncretism and interaction with Western world view s.

350. Buddhism in South Asia

Spring, 3(3-0)

R: Not open to freshmen.

Early origins of Buddhism. Life of the Buddha. Formulation of the Samgha. Pali canon. Three turnings of the Wheel of the Law. Monastic developments vs lay Buddhism. Buddhist meditation practices.

355. Southeast Asian Religions

Fall, 3(3-0)

R: Not open to freshmen.

Southeast Asia as a religious and cultural crossroads. The historic mix of Hinduism, Buddhism, Islam, Christianity, and Chinese religions. Diversity of indigenous animistic religions. Past and present relations between religions and the state.

357. Religion and Society in Bali

Fall of even-numbered years. 4 credits.

R: Not open to Freshmen.

The nature of Balinese religion. Temple and life-cycle ceremonies. Death and reincarnation. Ancestral temples. Trance and curing.

360. African Religion: An Introduction

Spring of odd-numbered years. 3 credits.

R: Not open to freshman.

Variant forms of the religions of Africa. Indigenous African religions examined through their mythology, rituals symbols, and social consequences. Islam and Christianity. Interaction between religion and politics.

404. Religion and Society in Ancient Near Eastern Civilization

Spring of even-numbered years. 3(3-0)

R: Not open to freshmen and sophomores.

Role of religious phenomena in the conceptual and practical function of ancient Near Eastern societies. Art, philosophy, government, technology and values.

410. Hebrew Bible

Fall, 3(3-0)

R: Not open to freshmen and sophomores.

The historical setting and types and meaning of the text of the Hebrew Bible (Christian Old Testament) explored through various techniques of historical, literary, and textual analysis.

411. Modern Jewish Thought

Spring of even-numbered years. 3(3-0)

P: REL 310 or approval of department. R: Not open to freshmen and sophomores.

Representative Jewish thought from the Enlightenment to the present. Authors such as Moses Mendelssohn, Abraham Geiger, Leo Pinsker, Hermann Cohen, Franz Rosenzweig, Ahad Ha-Am, Martin Buber, Mordecai Kaplan, A. I. Heschel, and Emil Fackenheim.

418. Studies in Ancient Near Eastern Religions (MTC)

Fall, Spring, 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course.

R: Not open to freshmen and sophomores.

Interdisciplinary study of specific topics in the religious thought of the Near East and Mediterranean between 3000 BCE and 700 CE.

420. New Testament

Spring, 3(3-0)

R: Not open to freshmen and sophomores.

The historical setting and types and meaning of the text of the New Testament explored through various techniques of historical, literary, and textual analysis.

431. Muhammad and the Qur'an

Spring of odd-numbered years. 3(3-0)

P: REL 330 or approval of department. R: Not open to freshmen and sophomores.

Life and contributions of the Prophet Muhammad. The Qur'an as a historical source. Origin, compilation, contents, and arrangements of the Qur'an. Forms of the Qur'an: recitation, scripture, calligraphy, theological concept.

440. Topics in South Asian Religions (MTC)

Spring, 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.

R: Not open to freshmen and sophomores.

Topics such as Hindu tantric mysticism or Buddhist philosophical schools.

470. Religious and Secular Cosmologies

Fall, 3(3-0)

R: Not open to freshmen or sophomores.

Cosmological contents of religions. Religious questions raised by secular cosmologies. Perspectives from phenomenology and anthropology of religion.

471. The Ritual Process

Spring, 3(3-0)

R: Not open to Freshmen and Sophomores

Definitions of ritual. Aspects of ritual, such as repetitiveness and drama. Generic forms of ritual including passage rites, renewal rites, liminality, sacrifice, taboo, and divination. Experience of ritual and its power to inform and transform the participant.

475. Anthropological Approaches to Religion

Fall, 3(3-0)

R: Not open to freshmen and sophomores.

Religion and language as distinguishing human traits. The capacity to create symbols and the power of symbols. Early explanations of the origins of religion. Later functional appreciations of religion based on field studies. Leading theorists from different schools of religious studies.

480. Comparative Studies in Religion (MTC)

Fall, Spring, 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course.

R: Not open to freshmen and sophomores.

Multidisciplinary topics such as patterns in comparative religion, comparative mysticism, or comparative mythology.

490. Independent Study

Fall, Spring, 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

491. Special Topics in Religious Studies

Fall, Spring, 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.

Special topics supplementing regular course offerings, proposed by faculty on a group study basis.

499. Senior Thesis Research (W)

Fall, Spring, 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Completion of Tier I writing requirement. Approval of department.

Individual research project supervised by a faculty member that demonstrates the student's ability to do independent research and submit or present a major paper.

890. Independent Study

Fall, Spring, 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

R: Approval of department.

Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.

RESOURCE DEVELOPMENT RD

**Department of Resource
Development
College of Agriculture and
Natural Resources**

**200. Issues and Applications in Resource
Development**

Fall, Spring, 3(3-0)

Interdisciplinary problem solving. Environmental and community development choices. Gender and environmental assessments. Minerals and laws.

201. Environmental and Natural Resources

Fall, Spring, 3(3-0)

Physical, economic, and institutional aspects of natural resource and environmental policy. US doctrines for land, water, mineral, and environmental resource management.