

**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.