

357. East Asian Mahayana Buddhism
Spring. 3(3-0)
Sinicization of Buddhism; Taoist influences; character under different Chinese dynasties; major schools and sects; popular vs. monastic Buddhism; transplantation to Japan and unique developments there; Zen. Cultural contributions. Contemporary status.

360. Contemporary Theology
(458.) Fall 3(3-0)
Systematic study of contemporary theological schools of thought; an introduction to the theologians who typify these approaches to theology, primarily Christian; various personal, social and political theological issues under discussion today.

370. Religion in American Culture
(410.) Fall. 3(3-0)
Historical and interpretative study of religion in American culture from Spanish and French explorations to 1860. Puritanism, deism, revivalism, communal movements, cults, pietism, development of the civil religion of "Americanism".

371. Religion in American Culture
Winter. 3(3-0)
Historical and interpretative study of religion in American culture from 1860 to the present. Theological interpretations of the Civil War, industrialism, imperialism, social gospel, black religion, communal movements, cults, "Americanism".

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

400H. Honors Seminar
Fall, Winter, Spring. 3(3-0) Approval of department.

430. Religious Dimensions in Literature
Spring. 3(3-0) Juniors.
Theological criticism in literature and literary works as reflections of Christian thought from ancient to modern times. Specific works studied will vary from term to term.

440. Sociology of Religion
Spring of odd-numbered years. 4(4-0) SOC 241 or approval of department. Interdepartmental with and administered by the Department of Sociology.
Relationship to society, with particular emphasis on modern society. Religion as a social institution; its relation to stratification and to political and economic organization. Forms of religious organizations. Religious believing and the rational, empirical orientation in modern culture.

452. The Protestant Reformation
Fall. 4(3-0) Juniors.
The theological background of the Continental Reformation. Varied patterns of twentieth century theological currents and their off-shoots: Lutheranism, Calvinism, Anabaptists and other radical schools of thought.

The following *Studies* courses offer opportunities for inquiry in depth of a variety of themes, topics or problems in several areas. They are planned for advanced students who have some familiarity with the general area in question. The precise content of each course will vary each time it is taught, thus making available a notable richness of content and interpretation. The student should inquire at the Department of Religious Studies Office for information on the particular courses which will be taught each term.

470. Studies in Sacred Literatures
3(3-0) May re-enroll for a maximum of 9 credits. Approval of department.

471. Studies in Islam
3(3-0) May re-enroll for a maximum of 9 credits. Approval of department.

473. Studies in Judaism
3(3-0) May re-enroll for a maximum of 9 credits. Approval of department.

475. Studies in Christianity
3(3-0) May re-enroll for a maximum of 9 credits. Approval of department.

477. Studies in Buddhism
3(3-0) May re-enroll for a maximum of 9 credits. Approval of department.

479. Studies in Hinduism
3(3-0) May re-enroll for a maximum of 9 credits. Approval of department.

480. Studies in Comparative Religion
3(3-0) May re-enroll for a maximum of 9 credits. Approval of department.

495. Individual Readings
Fall, Winter, Spring. 3 credits.
May re-enroll for a maximum of 6 credits if different topic is taken. Written approval of instructor and department.
Enrollment limited to superior upper class students with preference given to majors and to students with at least nine credits in religion or other appropriate preparation.

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

RESOURCE DEVELOPMENT R D
College of Agriculture and Natural Resources

1DC. Resource Ecology and Man
For course description, see Interdisciplinary Courses.

202. Soils and Man's Environment
Winter. 3(3-0) Interdepartmental with the departments of Crop and Soil Sciences, Fisheries and Wildlife and Natural Resources and administered by the Department of Crop and Soil Sciences.
Use of soil-water resources in a technological society as it relates to environmental quality. Nature of pollution problems and their possible solutions. Food production and world population.

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

385. Junior-Senior Seminar
Fall, Winter. 1(1-0) Junior majors.
Current issues, problems and opportunities in resource development. Student involvement in discussions, analyses, and presentations on resource problems and possible solutions.

401. Production Economics and Management
(AEC 401.) Fall. 4(4-0) Not open to graduate students in Agricultural Economics, Economics or Resource Development. Interdepartmental with Food Systems Economics and Management and Public Affairs Management and administered by Food Systems Economics and Management.
Economic principles of production. Industry supply and factor demand analysis. Management concepts and choice criteria. Interrelationships of production and consumption decisions. Welfare economics. Examples drawn from agriculture.

417. Land Economics
Fall, Spring. 4(4-0) Interdepartmental with the Economics Department, Public Affairs Management and Food Systems Economics and Management.
Factors affecting man's economic use of land and space resources. Input-output relationships; development, investment, and enterprise location decisions. Land markets; property rights; area planning; zoning and land use controls.

420. Water Resource Development
Fall, Winter, Spring, Summer. 4(3-0)
Significance of water resources in modern society. Introduction to the needs of industry, agriculture and recreation. Concepts of development, use and conservation are critically evaluated in terms of future needs.

435. Law and Resources
Spring. 3(3-0) 417 or BIO 440. Interdepartmental with the Department of Forestry.
Legal theories, cases, statutes and constitutional considerations are applied to natural resource utilization. Private and public property interests in natural resources are illustrated through case studies of use conflicts.

450. Natural Resource Administration
Fall, Spring. 4(4-0) Seniors. Interdepartmental with the departments of Fisheries and Wildlife, Forestry and Parks and Recreation Resources and Natural Resources. Administered by the Department of Forestry.
Concepts and methods of administering wild-land properties. The legal, economic and social environment. Benefit-cost analysis of management changes. Unit organization, personnel management and accounting. Presents a systems view of administration.

455. Natural Resource Economics
Winter. 4(4-0) 450 or approval of department. Interdepartmental with the departments of Fisheries and Wildlife, Forestry, Park and Recreation Resources and Natural Resources. Administered by the Department of Forestry.
Basic economic and political principles and techniques that govern the production and consumption of forest land products, including basic forest valuation procedures.

460. Regional Economics
Winter. 4(4-0) 417 or EC 324 or R D 401. Interdepartmental with the Economics Department, Public Affairs Management and Food Systems Economics and Management.
Forces affecting location decisions of firms, households and governments. Applications to agricultural, industrial, and regional developments.

**Descriptions — Resource Development
of
Courses**

480. Supervised Study

Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 10 credits. Approval of department.

Seminars on current problems. Supervised readings. Individual undergraduate research on selected topics.

485. Senior Proseminar

Winter, Spring. 2(2-0) Senior majors.

Current issues, literature, and professional approaches in resource development.

491. Natural Resources and Modern Society

Spring, Summer. 3(3-0) Juniors.

Interdepartmental with the Forestry Department and Natural Resources and administered by the Forestry Department.

A survey of the social and economic significance of natural resources in modern industrial and urban society. Current problems of natural resources management and use are examined in terms of the society in which they exist.

801. Resource Development Policy

Fall. 3(3-0)

Analysis of past and present public resource development policies and programs in the United States. Emphasis on national policies.

802. International Resource Development

Winter. 3(3-0)

Investigation and analysis of major natural resource use patterns and problems emerging on the international scene. Implications of these patterns and problems for the United States. Examination of national and international agencies.

805. Regional Resource Development

Spring. 3(3-0) Approval of department.

Multi-state organizational forms for natural resource development. Strengths, weaknesses, and potentials. Historical precedents and proposals for the future. TVA, UGLRC, ARC, and DRBC are studied.

809. Natural Resources Economics

Winter. 3(3-0) Approval of department.

Interdepartmental with and administered by the Forestry Department.

Applications of economic analysis to natural resource problems.

810. Economics of Public Choice

Winter. 3(3-0) Approval of department.

Interdepartmental with the Agricultural Economics and Economics Departments and administered by the Agricultural Economics Department.

Economics of alternative institutions for collective action. Emphasis on property rights and natural resources. Public goods, externalities, non-marginal change, commonwealth, income and power distribution, grants, welfare criteria and market failure.

811. Public Program Analysis

Spring, Summer of odd-numbered years. 3(3-0) FSM 401 or EC 324 or approval of department.

Interdepartmental with the Agricultural Economics and Economics Departments and administered by the Agricultural Economics Department.

Application of benefit-cost analysis to public programs of resources development. Issues and case studies in budgeting, investment criteria, pricing, externalities, and coordination.

812. Public Direction of Land Use

Spring. 3(3-0)

Use of public spending, property ownership, police, condemnation, and taxation powers to influence land use decisions.

815. Community Resource Development

Winter. 4(4-0) Approval of department.

Explanations of community growth and change. Review of public and private agency programs. Case studies of successful and unsuccessful approaches.

816. Field Techniques in Community Resource Development

Spring. 6(3-6) 815 or F E 835 or approval of instructor. Interdepartmental and jointly administered with the Department of Family Ecology.

Application of community and family resource inventory, analysis, and program planning techniques in Michigan rural-urban situations.

821. Water Management Institutions

Winter. 3(3-0)

Major institutional structures and issues in water resource management. Emphasis on linkages between federal, state and local management levels.

824. Watershed Management

Spring. 5(3-5)

Investigation of watersheds, emphasizing physical relationships of water to other resources. Survey of water problems, planning for water use and management practices including conservation and multiple use aspects. Field trips optional.

832. Natural Resource Law

Fall. 3(3-0)

Legal principles of natural resources administration. Focus on natural resource jurisdiction. Discussion of state and Federal cases, statutes, and treaties. Constitutional and common law. Limitations on governmental power.

835. Water Resources Law

Winter. 3(3-0)

Legal principles affecting private rights in state and federal regulation of surface and ground waters. Emphasis on water quality controls.

836. Environmental Law I

Winter. 3(3-0) Approval of department.

Public and private legal controls and restrictions on resource use, including common law, nuisance and trespass, citizen suits, class actions, appeals from agencies, Administrative Procedure Act, National Environmental Policy Act.

837. Environmental Law II

Spring. 3(3-0) 836.

Analysis of federal environmental laws (NEPA, WQIA, Clean Air Act). Form and content of Environmental Impact Statements and problem of agency discretion and judicial review.

840. Recreation Economics

Spring. 4(4-0) FOR 809 or approval of instructor. Interdepartmental with the departments of Park and Recreation Resources and Forestry and administered by the Department of Park and Recreation Resources.

Applications of economic analysis to recreation resource problems including measurement of demand and supply, valuation of recreation resources, determination of economic impact, economic decision making and policy considerations.

842. Park and Recreation Policy

Winter. 3(3-0) Interdepartmental with and administered by the Department of Park and Recreation Resources.

Recreation, leisure and work concepts. Determination of needs for recreation facilities. Factors affecting public and private allocation of resources for provision of needed facilities.

855. Research Methods

Fall. 3(3-0) Approval of department.

Interdepartmental with the Forestry Department.

Research techniques applicable to management, and policy-oriented natural resource investigations. Analysis of project designs; preparation of project proposals. Evaluation of representative published research studies.

860. Regional Science Methods

Spring. 4(4-0) 460 or approval of department.

Demographic analysis, social accounts, economic base, input-output, industrial complex, linear programming, gravity models, and other techniques for regional research.

880. Special Problems

Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 10 credits. Approval of department.

Seminars on current problems. Supervised readings. Independent study of selected topics.

899. Research

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

910. Resource Economics Proseminar

Spring. 3(3-0) May re-enroll for a maximum of 9 credits. Approval of department. Interdepartmental with the departments of Forestry and Agricultural Economics and administered by the Department of Forestry.

A seminar wherein advanced graduate students in the fields of resource economics participate with faculty in the joint conduct of a major research project in resource economics and policy.

917. Issues in Land Economics

Winter, Spring. 3(3-0) May re-enroll for a maximum of 6 credits. Doctoral students. 417 and 460.

Analysis of selected issues related to the utilization of land and water resources.

960. Simulation Models in Natural Resource Management

Winter of odd-numbered years. 3(3-0) 855 and knowledge of FORTRAN programming or approval of department. Interdepartmental with the Department of Forestry.

The role of simulation models in developing management strategies. Applications of computer simulation in natural resources. Modeling of decision systems in natural resources management.

999. Research

Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**ROMANCE AND
CLASSICAL LANGUAGES***

College of Arts and Letters

Students who have had high school work in the foreign language in which they wish to continue their studies must take a placement examination in that language. Placement in the appropriate course is determined by the results of this examination. University credit is not given for courses waived by performance on the placement examination.

*Name change effective May 1, 1976.
Formerly Department of Romance Languages.