

331. Classical Judaism: Ezra to Maimonides

Winter. 3(3-0)

Early, first-century, and classical Judaism, including Ezra, the Maccabees; Pharisees, Sadducees, Essenes, Zealots; rise of synagogue, rabbinic, festivals; development of Midrashim, Mishnah, Talmud; role of Geonim; contributions of Maimonides.

332. Modern Judaism: Maimonides to the Present

Spring. 3(3-0)

Ashkenazim and Sefardim; European ghetto and shtetl life, Cabala, Hasidim; Reform, Conservative, Orthodox, Reconstructionist movements; Zionism and modern Israel; emphasis on such modern thinkers as Mendelsohn, Rosenzweig, Buber and Heschel.

335. Islam

(443.) Fall. 3(3-0) Juniors.

The life and environment of Muhammad, analysis of the Qur'an; basic Islamic law, beliefs, schools of thought, and movements, history and expansion; unity and variety in Muslim civilizations; modern trends.

350. Hinduism

(441.) Fall. 3(3-0) Juniors.

The roots of Hinduism in Vedic tradition and Dravidian religion and the historical development of Hinduism. Hindu beliefs, rituals, practices, philosophical systems, spiritual paths, sects, and caste system. Role of Hinduism in Indian society.

353. Confucianism and Taoism

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

Confucianism, especially Mencius; Taoism, especially the Lao-Tzu and Chuang-Tzu; Neo-Confucianism. Emphasis on the socio-ethical-political role of Confucianism and the mystical-metaphysical-religious role of Taoism. Current status.

354. Shinto and Japan's New Religions

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

Shinto as basis of traditional Japanese society; current status and role. The New Religions of Japan, including their roots, character, current status and role; special attention to Soka Gakkai.

355. Hinayana Buddhism

Fall. 3(3-0) Juniors.

Siddhattha Gotama and the origins of Buddhism. Theravada in historical development; the Tipitaka and its teachings; epistemology, psychology, logic, science, and world-view; the Sangha and socio-political relations. Current status.

356. Indian Mahayana Buddhism

Winter. 3(3-0)

Origins of Mahayana; Madhyamika School; the Prajnaparamita Sutra and metaphysics; doctrine of Emptiness; Mahayana as the religion of the Person of Buddha in Three Bodies; buddhahood and Buddha-land. Hindu influences.

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.

370. Religion in American Culture

(410.) Fall. 3(3-0) Juniors.

Development of religion in America from Puritan New England to modern pluralism; general analysis of religion and culture; contemporary issues of church and state relationships in American society.

371. Religion in American Culture

Winter. 3(3-0) Juniors.

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".

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.

452. The Protestant Reformation

Winter. 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.

453. The Protestant Reformation

Spring. 3(3-0) Juniors.

Reformation in England; medieval origins, feudal and early national problems of church and state; the *Via Media*; development of Anglican thought and practice from seventeenth century to the Catholic Revival; modern Anglicanism.

458. Contemporary Theology

Winter. 3(3-0) Juniors.

Systematic study of contemporary theological issues and theologians: Barth, Tillich, Niebuhr, Bonhoeffer.

459. Contemporary Theology

Spring. 3(3-0) Juniors.

Systematic study of contemporary theological issues and theologians: Rahner, Congar, Kung, de Lubac.

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.

840. Asian Religion

Spring. 3(3-0) May re-enroll for a maximum of 6 credits if different topic is taken. Approval of department.

Study in depth of an Asian religion. Specific topics will vary from year to year.

RESOURCE DEVELOPMENT

R D

College of Agriculture and Natural Resources

200. Resource Ecology and Man

For course description, see Interdisciplinary Courses.

202. Soils and Man's Environment

Winter. 3(3-0) Interdepartmental with Fisheries and Wildlife Department and Natural Resources and Soil Science and administered by Soil Science.

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. Summer of even-numbered years. 4(4-0) FSM 340 or approval of department. 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.

450. Natural Resource Administration

Fall, Spring. 4(4-0) *Interdepartmental with Fisheries and Wildlife, Forestry and Parks and Recreation Resources Departments and Natural Resources. Administered by the Forestry Department.*

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.

460. Location Analysis

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 develop-ments.

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 read-ings. Individual undergraduate research on se-lected topics.

485. Senior Proseminar

Winter, Spring. 2(2-0) *Senior majors.*
Current issues, literature, and professional ap- proaches 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 signifi- cance 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 re- source use patterns and problems emerging on the international scene. Implications of these patterns and problems for the United States. Examination of national and international agen- cies.

809. Natural Resources Economics

Winter. 3(3-0) *Approval of depart- ment. 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 depart- ment. Interdepartmental with the Agricultural Economics and Economics Departments and administered by the Agricultural Economics Department.*

Economics of alternative institutions for collec- tive 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 Depart- ments 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 depart- ment.*
Explanations of community growth and change. Review of public and private agency programs. Case studies of successful and unsuccessful ap- proaches.

816. Field Techniques in Community Resource Development

Spring. 4(4-0) *Approval of depart- ment.*
Application of area resource analysis, inventory and program planning techniques in Michigan situations. Course conducted in the field.

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

Fall, Spring. 5(3-5)
Investigation of watersheds, emphasizing phys- ical relationships of water to other resources. Survey of water problems, planning for water use and management practices including con- servation and multiple use aspects. Field trips required.

832. Natural Resource Law

Fall. 3(3-0)
Legal principles of natural resources administra- tion. 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 depart- ment.*
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.

842. Park and Recreation Policy

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

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

851. Public Program Budgeting

Fall. 3(3-0) *Approval of depart- ment. Interdepartmental with and administered by the Forestry Department.*
Survey of the federal government's planning- programming-budgeting system, stressing exec- utive branch budget decision-making and budget administration in the natural resource bureaus.

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 investiga- tions. Analysis of project designs; preparation of project proposals. Evaluation of representa- tive 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 tech- niques 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 read- ings. Independent study of selected topics.

899. Research

Fall, Winter, Spring, Summer. Vari- able credit. *Approval of department.*

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) *Approval of department. Interdepartmental with the Forestry Department.*
The role of simulation models in developing management strategies. Applications of com- puter simulation in natural resources. Modeling of decision systems in natural resources manage- ment.

999. Research

Fall, Winter, Spring, Summer. Vari- able credit. *Approval of department.*

ROMANCE LANGUAGES

College of Arts and Letters

Students who have had high school work in the foreign language in which they wish to con- tinue their studies must take a placement exam- ination in that language. Placement in the ap- propriate course is determined by the results of this examination. University credit is not given for courses waived by performance on the place- ment examination.