

**Descriptions – Religious Studies
of
Courses**

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
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
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.

380. Issues in Science and Religion
Winter, 4(4-0) Juniors or approval of department. Interdepartmental with the department of Natural Science and Justin Morrill College.

History of relationships between science and religion. Methods of science and religion. Attempts at resolution of conflicts and formation of new syntheses.

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
Fall, 4(3-0) Juniors.

The theological background of the Continental Reformation. Varied patterns of the 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 reenroll for a maximum of 9 credits. Approval of department.

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

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

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

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

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

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

495. Individual Readings
Fall, Winter, Spring, 3 credits. May reenroll 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 reenroll 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

IDC. 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
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 Department of Economics, 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.

431. Law and Social Change
Fall, Spring, 3(3-0) BOA 440. Interdepartmental with the Department of Urban and Metropolitan Studies and Public Affairs Management and administered by the Department of Urban and Metropolitan Studies.

Law as applied to urban and rural context of social change. A review of both formal and informal aspects of system accessibility, institutional formation, government, civil rights, and human service.

435. Law and Resources
Spring, 3(3-0) R D 417 or BOA 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 wildland 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) FOR 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) R D 417 or EC 324 or FSM 401. Interdepartmental with the Department of Economics, 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.
- 461. Regional Economics Laboratory**
Spring. 1(0-2) R D 460 and approval of department. Interdepartmental with the Department of Economics, Public Affairs Management and Food Systems Management.
 Evaluation and use of analytical models designed to solve regional economic problems.
- 480. Supervised Study**
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll 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. 3(3-0) Juniors. Interdepartmental with the Department of Forestry and Natural Resources and administered by the Department of Forestry.
 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 Department of Forestry.
 Applications of economic analysis to natural resource problems.
- 810. Economics of Public Choice**
Winter. 3(3-0) Approval of department. Interdepartmental with the departments of Agricultural Economics and Economics and administered by the Department of Agricultural Economics.
 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 departments of Agricultural Economics and Economics and administered by the Department of Agricultural Economics.
 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.
- 814. Community Systems for Community Development**
Winter. 3(3-0) Approval of department. Interdepartmental with the Department of Family Ecology.
 Basic systems of the community, their functions and interrelatedness; the family, economic, government, education, and supportive service systems.
- 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. Community Development Field Study**
Spring. 4(2-4) R D 814 or approval of department. Interdepartmental and jointly administered with the Department of Family Ecology.
 On-site study of major community systems. Individual or group investigation of community efforts, problems, and opportunities. Field project required.
- 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 affecting 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) R D 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.
- 838. Selected Topics in Environmental Law**
Fall. 3(3-0) May reenroll for a maximum of 9 credits if different topic if taken. Approval of department; R D 837 or R D 832 recommended.
 Topics dealing with laws and legal issues in: toxic substances, technology assessment, transportation systems, wildlife and fisheries, air quality, land use.
- 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. The Research Process in Natural Resources**
Fall. 3(3-0) Approval of department. Interdepartmental with the Department of Forestry.
 Research and decision processes as applied in natural resource investigations. Research organization and applications of research results. Oriented to management, social science, and policy studies. Preparation of project proposals.
- 860. Regional Science Methods**
Spring. 4(4-0) R D 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.

**Descriptions – Resource Development
of
Courses**

880. Special Problems

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll 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 reenroll 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 reenroll for a maximum of 6 credits. Doctoral students. R D 417, R D 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) R D 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**

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

Romance Language Courses ROM

IDC. Introduction to Latin America I
For course description, see *Interdisciplinary Courses*.

IDC. Introduction to Latin America II
For course description, see *Interdisciplinary Courses*.

IDC. Introduction to Latin America III
For course description, see *Interdisciplinary Courses*.

241. Masterpieces of the Romance and Classical Literatures in English Translation

Fall. 4(4-0)

Great books in Greek and Latin literatures, as well as in French, Italian and Spanish Medieval literatures. Readings from such writers as Sophocles, Homer, Dante, and Villon. Guest lectures by specialists on the various works.

242. Masterpieces of the Romance Literatures in English Translation

Winter. 4(4-0)

Themes, genres and movements transcending national boundaries in French, Italian, and Spanish literatures of the 16th through 18th centuries. Topics such as the picaresque tradition, the spirit of the Renaissance, neoclassical theatre, the novel, and the Enlightenment.

243. Masterpieces of the Romance Literatures in English Translation

Spring. 4(4-0)

Emphasis on literary works from the nineteenth and twentieth centuries of the old and new worlds. Topics such as the novel, existentialism, and the development of the theatre. Guest lectures by specialists on the various works.

299. Special Projects

Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 18 credits. Approval of department.

Work in areas outside regular course offerings.

310. Latin America Today

Fall. 3(3-0) Juniors.

Major problems and conflicts determining the cultural development of contemporary Latin America as a whole.

311. Latin America Today

Winter. 3(3-0) Juniors.

Cultural life of Latin America as reflected in its literary production, especially in the novel as the most striking interpretation of its social problems.

312. Latin America Today

Spring. 3(3-0) Juniors.

Intellectual currents in Latin America. Role of the intellectual leaders in molding the cultural life of Latin America.

350. The Contemporary Romance Film

(220.) Fall, Winter, Spring. 4(2-4) May reenroll for a maximum of 8 credits. U C 210 or TC 280 recommended. Interdepartmental with Italian, French, Spanish.

Development of the student's esthetic and cultural appreciation of films by outstanding European directors, most notably, those of France, Italy, and Spain.

401. Introduction to Spanish Bilingual/Bicultural Education

Winter, Spring, Summer. 4(4-0) Approval of department.

The development and implementation of bilingual materials in the classroom, investigation of curriculum from an applicational perspective, visitation and observation of bilingual classes for the Spanish-speaking American.

417. Scandinavian Contributions to Literary Tradition

Fall. 3(3-0) Approval of department. Interdepartmental with the departments of German and Russian and English and administered by the Department of German and Russian.

Development and influence of the ideas, forms and motifs of the Scandinavian literatures in the literatures of the world.

418. Scandinavian Contributions to Literary Tradition

Winter. 3(3-0) Approval of department. Interdepartmental with the departments of German and Russian and English and administered by the Department of German and Russian.

Continuation of ROM 417.

IDC. Canadian-American Studies

For course description, see *Interdisciplinary Courses*.

498. Topics in Comparative Literature

Fall, Winter, Spring. 3(3-0) or 4(4-0) May reenroll for a maximum of 12 credits if different topics are offered. Interdepartmental with the departments of English and German and Russian.

Varying topics on relationships among writers, themes, genres, movements and periods in different national literatures, and between literature and other arts.

499. Special Projects

Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 18 credits. Approval of department.

Work in areas outside regular course offerings.

800. Research Methods and Bibliography of the Romance Literatures

Fall. 3(3-0) Recommended for first-year graduate students.

Methods of research, basic bibliographical tools, critical terminology and techniques of scholarly writing, library procedures.

801. Romance Philology

Spring of even-numbered years. 3(3-0) FRN 805 or SPN 805.

Examination of the relatedness of the Romance Languages: common source Latin lexicon, phonological system, grammar. Concentration on the three major Romance Languages, French, Italian, Spanish, with some attention to all others.

805. History of Literary Criticism

Fall, Winter. 3(3-0) May reenroll for a maximum of 6 credits.

Literary criticism from Classical antiquity to the present. Emphasis is on theories of literary composition and analysis. Fall: Classical Antiquity through the Renaissance. Winter: Neoclassicism to present.

815. Theory of Literature

Spring. 3(3-0) May reenroll for a maximum of 6 credits.

Modern critical theories in the Romance literatures, such as French existentialist and structuralist schools, Spanish and Italian theorists such as Ortega y Gasset and Benedetto Croce.