Anthropological Approaches to Religion
Fall. 3(3-0) R: Not open to freshmen or 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.

Comparative Studies in Religion
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 or sophomores. Multidisciplinary topics such as patterns in comparative religion, comparative mysticism, or comparative mythology.

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.

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.

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. P:M: Completion of Tier I writing requirement. R: 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.

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

Department of Resource Development
College of Agriculture and Natural Resources

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.

Introduction to Gender and Environmental Issues
Spring. 3(3-0) Interdepartmental with Fisheries and Wildlife; Forestry; Public Resource Management; Women’s Studies. Administered by Department of Fisheries and Wildlife. R: Not open to freshmen.


Environmental Communication and Conflict Management (W)
Fall, Spring. 3(3-0) P:M: Completion of Tier I writing requirement. R: Open only to sophomores or juniors or seniors in Environmental Studies and Applications. SA: AEE 310, RD 310

Environmental risk communications. Mitigation and public forum management.

Federal and State Environmental Policy
Fall, Spring. 3(3-0) R: Open only to sophomores or juniors or seniors in the Public Resource Management or Environmental Studies and Applications majors. Federal and state environmental policies and processes. Resource conservation and emergency planning. Federal resource laws and regulations.

Natural Resource Issues
Fall, Spring. 3(3-0) P:M: (EC 201 or EC 202) P:NM: (RD 200) R: Open only to sophomores or juniors or seniors in the Public Resource Management or Environmental Studies and Applications majors.


Grantwriting and Fund Development
Fall. 3(3-0)
Theoretical and practical background for proposal writing. Program and strategic planning. Fund-raising and institutional advancement.

Environmental Assessment of Land Uses
Fall. 3(3-0) P:NM: (RD 200)
Environmental issues related to land-use. Environmental assessment for land-use decisions. Data acquisition and processing techniques. Spatial analysis methods.

Applications of Survey Research
Fall. 3(3-0) R: Open only to juniors or seniors. Design and use of survey procedures in organizational, community and research settings.

Land Use and Natural Resource Management
Spring. 3(3-0) P:NM: (RD 200)

Resource Management and Planning
Fall. 3(3-0) P:NM: (RD 200)

Water Resource Management
Spring. 3(3-0) P:NM: (RD 200)
Interface between the hydrologic cycle and human factors, and resulting environmental consequences. Economic, administrative, policy, and political factors.

Introduction to Waste Management
Fall. 3(3-0) Interdepartmental with Fisheries and Wildlife. P:NM: (RD 200)
Waste management definitions, techniques, technologies, and strategies. Integrative approach to waste management as an environmental, social, and political subject.

State Environmental Law
Spring. 3(3-0) P:NM: (RD 200 and RD 301)

Leadership Skills for Resource Development Practice
Fall. 3(3-0) P:NM: (RD 200)
Concepts and techniques for resource development practitioners.

Forest Hydrology
Spring. 3(2-2) Interdepartmental with Forestry; Crop and Soil Sciences. Administered by Department of Forestry. P:NM: (CSS 210 and MTH 116) or (MTH 104 or LBS 117) R: Not open to freshmen or sophomores. Science and technology of the hydrologic cycle and water resources in forest, wildland, wetland, and rural watersheds.
Resource Development—RD

415 Environmental Impact Assessment
Fall. 4(3-2) P.M. (ZOL 355 or concurrently) and (STT 200 or concurrently or STT 201 or concurrently or FW 324 or concurrently) Environmental, social, and economic impact assessment. Risk analysis, technology assessment, project management, and data collection and use.

419 Applications of Geographic Information Systems to Natural Resources Management
Spring. 4(2-4) Interdepartmental with Fisheries and Wildlife; Forestry; Geography; Park, Recreation and Tourism Resources; Biosystems Engineering. Administered by Department of Fisheries and Wildlife. P.N.M.: (GEO 221) The application of geographic information systems, remote sensing, and global positioning systems to integrated planning and management for fish, wildlife, and related resources.

426 Waste Management Planning
Fall. 3(2-2) P.M. (RD 326) Assessment of procedures and techniques. Alternative solutions are explored through simulation. Technological and public policy issues explored by using a computer model. Design of implementation strategies.

430 Law and Resources
Fall. 3(3-0) Interdepartmental with Forestry; Public Resource Management. P.N.M.: (RD 301) R: Open only to juniors or seniors or graduate students. 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 Public Resource Management; Sociology. P.N.M.: (RD 301 or RD 336 or GBL 395) R: Open only to juniors or seniors. 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 Public Resource Management. P.N.M.: (RD 200 or 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.

442 Concepts of Biological Information Systems
Spring. 3(3-0) Interdepartmental with Entomology. Administered by Department of Entomology. R: Open only to seniors or graduate students. Systems approach to managing biological information using computer technology.

444 Pesticides, People and Politics
Fall. 3(3-0) P.N.M.: Completion of Tier I writing requirement. One course in a biological or physical or social science. Comparative state, national, and international policy issues and politics related to pesticide regulations and use in industrialized and non-industrialized countries.

446 Environmental Issues and Public Policy
Spring. 3(3-0) Interdepartmental with Zoology. Administered by Department of Zoology. R: Not open to freshmen or sophomores. The interrelationship of science and public policy in resolving environmental issues. Technical, social, economic, and legal influences. Case study approach.

452 Watershed Concepts
Fall, Spring, Summer. 3(3-0) Interdepartmental with Biosystems Engineering; Crop and Soil Sciences; Forestry; Fisheries and Wildlife. P.M.: (RD 324 and ZOL 355) RB: organic chemistry Watershed hydrology and management. The hydrologic cycle, water quality, aquatic ecosystems and social systems. Laws and institutions for managing water resources.

460 Resource and Environmental Economics

461 Regional Economics
Fall. 3(3-0) Interdepartmental with Economics; Public Resource Management. P.M.: (EC 201) P.N.M.: (RD 200) R: Open only to juniors or seniors. Location decisions of firms and households. Relevant government policies. Applications of regional analysis to industrial, regional, and community development.

463 Natural Resource Economics and Social Science (W)
Fall. 3(3-0) Interdepartmental with Forestry; Fisheries and Wildlife; Park, Recreation and Tourism Resources. Administered by Department of Forestry. P.M.: (EC 201 or EC 202) and completion of Tier I writing requirement. R: Not open to freshmen or sophomores. Application of economic and social science principles and techniques to production and consumption of natural resources. Benefit-cost analysis. Regional impact analysis. Social impact assessment.

465 Ecological Risk Assessment
Spring. 3(3-0) Interdepartmental with Fisheries and Wildlife. Administered by Department of Fisheries and Wildlife. P.N.M.: (CEM 143 or CEM 251) and (ZOL 355) and (FW 324 or STT 200 or STT 201) Ecotoxicology. Monitoring and modeling the fate of toxins in ecosystems. Dose response relationships. State and federal regulations related to environmental contaminants.

466 Natural Resources Planning and Policy
Spring. 3(2-2) Interdepartmental with Forestry; Fisheries and Wildlife; Park, Recreation and Tourism Resources. Administered by Department of Forestry. R: Open only to seniors or graduate students in the Department of Forestry or Department of Fisheries and Wildlife or Department of Park, Recreation and Tourism Resources or Department of Resource Development. Scientific, environmental, social, and institutional factors affecting planning and policy making. Focus on ecosystem-based planning and policy issues through development of a multiple-use plan. Case studies.

470 Theory and Practice in Community and Economic Development
Fall. 3(3-0) Interdepartmental with Public Resource Management; Sociology. P.M.: (EC 201 or EC 202) Concepts, principles, models, and skills for community and economic development. Community participation in local development initiatives.

490 Independent Study
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to juniors or seniors. Approval of department; application required. Individual supervised study of selected topics.

491 Special Topics in Resource Development
Fall, Spring. Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to juniors or seniors. Selected issues in resource development derived from current resource policy changes, or other emerging topics of interest.

493 Professional Internship in Resource Development
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to juniors or seniors in the Department of Resource Development. Approval of department; application required. A student may earn a maximum of 6 credits in all enrollments for any or all of these courses: ABM 493, AEE 493, ANR 493, ANS 493, CSS 493, FIM 493, FW 493, HRT 493, PAK 493, PRM 493, PRR 493, and RD 493. Supervised professional experiences in agencies and businesses related to resource development.

495 Senior Seminar
Spring. 2(2-0) R: Open only to seniors in the Environmental Studies and Applications major. Examples and practice in directing change and resolving issues by anticipating resource problems. Analysis and application of policy alternatives. Preparation of position papers.

499 Senior Thesis Research
Fall, Spring, Summer. 3 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to seniors in the Environmental Studies and Applications major. Supervised research option for satisfying capstone experience requirement.
and global environmental issues.

Application of organizational models to management and leadership issues in natural resource, environmental, and community development agencies.

Research planning and implementation. Structure of research organizations. Applications of research results.

Dynamics of physical, social, economic, political and institutional forces applied to watershed planning and management.

Comparisons of natural resource and environmental policies in industrialized and nonindustrialized societies. Roles of differing social, legal, and political systems.

General systems theory and concepts. Modeling and simulation methods. Applications of systems approach and techniques to natural resource management, and to ecological and agricultural search.


Issues and concepts related to gender, ecology, and environmental studies. Key debates and theoretical approaches to addressing environmental issues from a gender and social justice perspective. Gender and environment issues and processes from a global perspective.

Methods and case studies related to gender, ecology, and environmental studies. Methodological and fieldwork issues from a feminist perspective and in international/intercultural contexts. Qualitative and quantitative methods for integrating social and environmental data.

Sociological and resource analysis of small scale family farming systems.

Applications of economic theory and analysis to renewable natural resources problems. Focus on renewable resource interactions, including multiple-use forestry and agroforestry.

Techniques for regional research: economic base analysis, input-output analysis, mathematical programming, and econometric and simulation analysis.

Concepts, models, and strategies. Design and implementation of change in community settings.

Resource Development–RD

876 International Rural Community Development
Fall. 3(3-0)

878 Administration of International Development
Spring. 3(3-0)
Theory and practice of rural development in different societies. Description and analysis of planning, organizing, staffing, directing, and financial management.

890 Independent Study
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department. Individual study of selected topics under faculty supervision.

891 Selected Topics
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of department. Selected topics on current innovations or emerging issues in resource development.

898 Master’s Research
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course. R: Open to master’s students in Resource Development. Master’s degree Plan B research paper.

899 Master’s Thesis Research
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open only to master’s students in Resource Development. Master’s thesis research.

923 Advanced Environmental and Resource Economics
Spring of even years. 3(3-0) Interdepartmental with Agricultural Economics; Economics; Forestry; Park, Recreation and Tourism Resources. Administered by Department of Agricultural Economics. P:NM: (AEC 829 and EC 805) Advanced economic theory of environmental management and policy. Treatment of externalities and market and non-market approaches to environmental improvement. Topics in conservation and sustainable economic growth. Applications to research and policy.

925 Environmental and Resource Economics Research
Spring of odd years. 3(3-0) Interdepartmental with Agricultural Economics; Forestry; Park, Recreation and Tourism Resources; Economics. Administered by Department of Agricultural Economics. P:NM: (AEC 829 and EC 805) SA: AEC 991H Topics such as contingent or non-market valuation, institutional analysis, pollution prevention, environmental quality and location, recreational demand modeling, and environmental risk management. Research process in environmental and resource economics.

999 Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open only to Ph.D. students in Resource Development. Doctoral dissertation research.

ROMANCE LANGUAGES

241 Classical and Romance Literature in English Translation
Fall. 4(4-0)
Major works of ancient Greek and Latin literatures and of French, Italian, and Spanish medieval and Renaissance literatures. Guest lectures by specialists on the various works.

250 Contemporary Romance Film
Spring of odd years. 4(2-4) R: Not open to freshmen. An appraisal of the work of preeminent filmmakers of the romance languages and their contributions to contemporary film.

355 French, Italian and Spanish Cinema since 1930
Spring of even years. 4(2-4) R: Not open to freshmen. Major French, Italian, and Spanish films, film movement, and thematic trends.

360 Postcolonial Literature and Theory
Fall, Spring. 3(3-0) Interdepartmental with English; Linguistics. Administered by Department of English. P:M: Completion of Tier I writing requirement. P:NM: 3 credits of literature. Theories and literatures involving colonialism, decolonization, neocolonialism, cultural and political independence. Texts drawn principally from Asia, Africa, the Caribbean, Latin America and various diaspora communities.

401 Romance Linguistics
Fall of odd years. 3(3-0) P:MM (FRN 320 and FRN 330) or (ITL 320) or (SPN 320 and SPN 330) R: Not open to freshmen or sophomores. Such issues as phonology, syntax, morphology and lexicon as they apply to Romance languages.

469 Topics in Comparative Literature
Spring. 3(3-0) Interdepartmental with English. P:M: Completion of Tier I writing requirement. R: Not open to freshmen or sophomores. Relationships among writers, themes, genres, movements, and periods in different national literatures and between literature and other arts.

474 Aesthetic Theory and Modernism
Fall. 4(4-0) Interdepartmental with Philosophy; English; History of Art; Linguistics and Languages; Music. Administered by Department of Philosophy. R: Not open to freshmen or sophomores. Problems, assumptions, and arguments of modern aesthetic theory examined in the context of debates over modernity and modernist artistic practice.

800 Research Methods and Bibliography of the Romance Languages
Fall of odd years. 1(1-0) Reference tools, bibliographic resources, and search techniques for scholarly research and writing in Romance languages and literatures.

801 Topics in Applied Romance Linguistics
Spring of even years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Major issues in applied linguistics and their relationship to Romance languages.

802 Topics in Theoretical Romance Linguistics
Spring of odd years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Topics such as a comparison of the linguistic grammars of the Romance languages, and their external and internal history.

805 Topics in Critical Theory
Fall, Spring. 1(1-0) A student may earn a maximum of 3 credits in all enrollments for this course. R: Approval of department. Introduction to post-structuralist critical theory.

821 Proseminar in Comparative Literature
Fall. 3(3-0) Interdepartmental with Arts and Letters; English; Linguistics and Languages. Administered by Arts and Letters. R: Open only to graduate students in the College of Arts and Letters. History and practice of comparative literature including foundational concepts and current directions.

822 Methods of Comparative Literature
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Arts and Letters; English; Linguistics and Languages. Administered by Arts and Letters. R: Open only to graduate students in the College of Arts and Letters. Case studies in international literary tradition, reception, and transmission. Approaches to genre and period. History and aesthetics of reception.

823 Seminar in Comparative Literary Criticism
Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Arts and Letters; English; Linguistics and Languages. Administered by Arts and Letters. R: Open only to graduate students in the College of Arts and Letters. Theory and practice of comparative literary criticism, with attention to the development of critical approaches and to current topics in the critical literature.