

470 General Nematology (W)
Spring of odd years. 3(2-3) P:M: (BS 110) or (BS 111 and BS 111L) and completion of Tier I writing requirement.

Biology of nematodes with special reference to the influence of phytoparasitic, entomopathogenic, animal parasitic, microbiontrophic and marine species on human ecology.

477 Pest Management I: Pesticides in Management Systems
Fall. 3(3-0) Interdepartmental with Crop and Soil Sciences; Fisheries and Wildlife; Horticulture. RB: (CEM 143 or CEM 251) and (BOT 405 and CSS 402) and (ENT 404 or ENT 470 or FW 328)

Chemistry, efficient use, and environmental fate of pesticides. Legal and social aspects of pesticide use.

478 Pest Management II: Biological Components of Management Systems (W)
Spring of even years. 3(2-3) Interdepartmental with Crop and Soil Sciences; Forestry; Fisheries and Wildlife; Horticulture. P:M: (ENT 404 or ENT 470 or PLP 405 or CSS 402 or FW 328) and completion of Tier I writing requirement.

Principles of host plant resistance and biological control and their relationship to the design of agroecosystems. Classification of insect biological control agents.

485 Tropical Biology
Spring. 3(3-0) Interdepartmental with Zoology; Plant Biology. Administered by Department of Zoology. P:M: (ZOL 355) R: Open only to juniors or seniors.

Tropical biota emphasizing evolutionary and ecological principles compared across tropical ecosystems.

ENVIRONMENTAL ECONOMICS AND POLICY EEP

Department of Agricultural Economics College of Agriculture and Natural Resources

201 Community Economics
Fall. 3(3-0) SA: PRM 201
Policy analysis of state and local government revenues, services, and private business regulation. Impact on resource use, economic development, income distribution and human values.

211 Introduction to Gender and Environmental Issues
Spring. 3(3-0) Interdepartmental with Fisheries and Wildlife; Forestry; Resource Development; Women's Studies. Administered by Department of Fisheries and Wildlife. R: Not open to freshmen. SA: PRM 211
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) RB: (EC 201) SA: PRM 255

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
Fall. 3(3-0) SA: PRM 260
Description and analysis of world food, population and poverty problems. Interrelationships between developed and developing countries.

320 Environmental Economics
Spring. 3(3-0) P:M: (EEP 255) SA: PRM 320
Analytical methods for evaluating economic impacts of environmental policies and understanding the economic causes of environmental problems.

335 Taxes, Government Spending and Public Policy
Fall, Spring, Summer. 3(3-0) Interdepartmental with Economics. Administered by Department of Economics. P:M: (EC 201 or EC 251H) SA: PRM 335 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 Sector Budgeting and Program Evaluation (W)
Spring. 3(3-0) P:M: (EEP 201) and completion of Tier I writing requirement. RB: (EC 201 or EC 202) R: Not open to freshmen or sophomores. SA: PRM 404

Structure and finance of government. Approaches to public sector budgeting. Evaluation of output of programs and community services. Impact and multiple outcome analysis.

405 Corporate Environmental Management
Fall. 3(3-0) Interdepartmental with Agribusiness Management. P:M: (EEP 255 or ABM 332 or MGT 315 or MGT 325) SA: PRM 405

Integration of environmental protection and pollution prevention with business management. Economic and strategic analysis of environmental protection.

430 Law and Resources
Fall. 3(3-0) Interdepartmental with Resource Development; Forestry. Administered by Department of Resource Development. R: Open only to juniors or seniors or graduate students. SA: PRM 430

Legal principles applied to the environment and natural resources. Sovereignty, property rights, land and water use, jurisdiction, public trust doctrine, wetland law, and eminent domain. Case and statutory law analysis.

433 Law and Social Change
Spring. 3(3-0) Interdepartmental with Resource Development; Sociology. Administered by Department of Resource Development. RB: (RD 301 or RD 336 or GBL 395) R: Open only to juniors or seniors. SA: PRM 433

Function of law in a modern society. Concepts of power, public regulation, civil rights, and property rights. Limits on freedom.

440 Environmental Policy Making in Michigan
Spring. 3(3-0) Interdepartmental with Resource Development. Administered by Department of Resource Development. RB: (RD 200 or EEP 201 or PLS 100 or PLS 301 or PLS 324) SA: PRM 440

State legislative process and its role in environmental policy formulation. Influence of lobbying, grass roots environmental movements, and economic factors.

453 Women and Work: Issues and Policy Analysis
Spring. 3(3-0) Interdepartmental with Economics; Women's Studies. RB: (EC 201 or EC 202 or EEP 201 or concurrently) R: Not open to freshmen or 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 Natural Resource Economics
Spring. 3(3-0) Interdepartmental with Resource Development; Park, Recreation and Tourism Resources; Biosystems Engineering. Administered by Department of Resource Development. P:M: (EC 201) and (RD 302 or EEP 255)

Economic framework for analyzing natural resource management decisions. Spatial and inter-temporal allocation of renewable and nonrenewable resources. Special emphasis on institutions, externalities, and public interests in resource management.

470 Theory and Practice in Community and Economic Development
Spring. 3(3-0) Interdepartmental with Resource Development; Sociology. Administered by Department of Resource Development. R: Open only to juniors or seniors. SA: PRM 470

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:M: (EEP 201 or EEP 255) R: Open only to Environmental Economics and Policy majors. Approval of department; application required. SA: PRM 490

In-depth independent study of topics affecting public resource management. Complementary with previous coursework, adapted to career aspirations.

493 Professional Internship in Environmental Economics and Policy

Fall, Spring, Summer. 3 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. RB: (EEP 201 and EEP 255) R: Open only to juniors or seniors in the Environmental Economics and Policy major. 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, EEP 493, FIM 493, FW 493, HRT 493, PKG 493, PLP 493, PRR 493, and RD 493. SA: PRM 493

Supervised professional experience in agencies, organizations or businesses related to environmental economics and policy.