

ENVIRONMENTAL ECONOMICS AND MANAGEMENT

EEM

**Department of Agricultural, Food, and Resource Economics
College of Agriculture and Natural Resources**

203 Data Analysis for the Agri-Food System
Fall, Spring. 3(3-0) Interdepartmental with Agribusiness Management and Food Industry Management. Administered by Agribusiness Management. P: (ABM 100) and (EC 201 or concurrently) RB: STT 200 or STT 201 or STT 315 R: Open to undergraduate students in the Agribusiness Management Major or in the Agribusiness Management Minor or in the Environmental Economics Minor or in the Environmental Economics and Management major or in the Food Industry Management Major or in the Food Industry Management Minor.

Introduction to data analysis tools used in the management of food systems.

255 Ecological Economics
Fall, Spring. 3(3-0) P: EC 201 or concurrently RB: ABM 203 SA: PRM 255, EEP 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) Interdepartmental with Agribusiness Management and Food Industry Management. Administered by Environmental Economics and Management. P: ABM 100 or EC 201 or EEM 255 SA: EEP 260

Description and analysis of world food, population and poverty problems. Interrelationships between developed and developing countries.

303 Economics of Decision Making in the Agri-Food System
Fall, Spring. 3(3-0) Interdepartmental with Agribusiness Management and Food Industry Management. Administered by Agribusiness Management. P: (MTH 124 and EC 201 and EC 202 and ABM 203) and (STT 200 or STT 201 or STT 315)

Managerial economics with applications focusing on agriculture, food, and resources issues.

320 Environmental Economics
Spring. 3(3-0) P: (EEM 255 and EC 201) and (ABM 203 or approval of department) RB: (ABM 303) or (EC 301 or concurrently) SA: EEP 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 Economics. P: EC 201 or EC 251H 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
Spring. 3(3-0) P: (EC 201 or EEM 255) and EC 202 and Completion of Tier I Writing Requirement RB: (ABM 303) or (ABM 203 and EC 301) R: Not open to freshmen or sophomores. SA: PRM 404, EEP 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 (W)
Spring. 3(3-0) Interdepartmental with Agribusiness Management and Food Industry Management. Administered by Environmental Economics and Management. P: (EEM 255) and (ACC 201 or ACC 230 or ABM 130) and ABM 203 and ((ABM 303 or EC 301) or approval of department) and completion of Tier I writing requirement) RB: (ABM 303) or (ABM 203 and EC 301)} and (ACC 201 or ACC 230) R: Open to juniors or seniors. SA: PRM 405

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

447 Community Economic Development
Spring. 3(3-0) Interdepartmental with Community Sustainability and Sociology. Administered by Community Sustainability. P: EC 201 or EC 202 SA: ESA 470, RD 470

Theories, frameworks, policies, concepts, principles, models, and skills for community economic development. Community participation in local development initiatives.

460 Natural Resource Economics
Spring. 3(3-0) P: (EC 201 and EEM 255) and ABM 203 RB: (ABM 303 or (EC 301 or concurrently)) and (EEM 320 or concurrently) R: Open to juniors or seniors. SA: EEP 460

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.

464 Environmental and Natural Resource Policy in Michigan
Spring. 3(3-0) Interdepartmental with Community Sustainability. Administered by Community Sustainability. P: CSUS 200 or EEP 255 or approval of department SA: ESA 440, RD 440

State legislative process and its role in environmental and natural resource policy formulation. Influence of lobbying, citizen engagement and political factors.

465 Environmental and Natural Resource Law
Fall. 3(3-0) Interdepartmental with Community Sustainability and Forestry. Administered by Community Sustainability. P: CSUS 200 or EEP 255 R: Open to juniors or seniors or graduate students. SA: ESA 430, RD 430

Legal principles and process related to the environment and natural resources. Common law, constitutional law, statutory and administrative law.

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: ABM 100 R: Open to undergraduate students in the Environmental Economics and Management major. Approval of department; application required. SA: EEP 490, 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 Management
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. 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, CMP 493, CSS 493, CSUS 493, EEM 493, FIM 493, FOR 493, FSC 493, FW 493, HRT 493, PDC 493, PKG 493, and PLP 493. P: ABM 100 R: Open to juniors or seniors in the Environmental Economics and Management major. Approval of department; application required. SA: EEP 493, PRM 493

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