

**COMMUNITY SUSTAINABILITY CSUS**

**Department of  
Community Sustainability  
College of Agriculture  
and Natural Resources**

**200 Introduction to Sustainability**  
Fall, Spring. 3(3-0) SA: RD 200, ESA 200  
Introduction to sustainability and personal role in sustainability initiatives. Implications of individual actions for key sustainability challenges. Application of sustainability principles and leadership skills in community.

**207 Great Lakes: Biology and Management**  
Fall. 3(3-0) Interdepartmental with Fisheries and Wildlife. Administered by Fisheries and Wildlife.  
Living aquatic resources of the Great Lakes, environmental history, and biological resources and their management. Policy issues.

**211 Introduction to Gender and Environmental Issues**  
Spring. 3(3-0) Interdepartmental with Criminal Justice and Environmental Economics and Policy and Forestry and Fisheries and Wildlife and Women's Studies. Administered by Fisheries and Wildlife.  
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.

**250 Global Issues in Agriculture and Natural Resources**  
Fall. 3(3-0) Interdepartmental with Agriculture and Natural Resources. Administered by Agriculture and Natural Resources. P: Completion of Tier I Writing Requirement SA: AEE 301  
Globalization. Economic, political, and social issues related to natural resources and agricultural production. Historical perspectives and future projections.

**260 Land and Environmental Issues in Law and Policy**  
Fall of odd years. 3(3-0) Fall: Traverse City. SA: ESA 225  
Michigan environmental and land use law. Regulatory programs. Land development and preservation processes. Common law. Private property rights and balance among local, state and federal governance.

**265 Exploring Environmental and Sustainability Issues and Policy Using Film**  
Spring. 3(3-0) RB: Completion of Tier I Writing requirement SA: ESA 235  
Environmental and sustainability issues, themes, and perspectives in feature films and documentaries.

**273 Introduction to Travel and Tourism**  
Fall, Spring. 3(3-0) SA: PRR 214  
Overview of the travel and tourism industry. History, scope and management of the tourism system. Tourism demand, destination management, major travel segments, tourism marketing.

**276 Sustaining Our National Parks and Recreation Lands**  
Fall, Spring. 3(3-0) SA: PRR 210, PRR 211  
Scope, history and management of federal, state and local public recreation lands. Future management options strengthening sustainability. Careers in natural resource recreation.

**300 Theoretical Foundations of Sustainability**  
Fall, Spring. 3(3-0) P: (CSUS 200) and completion of Tier I writing requirement  
Foundations of sustainability theory. History and evolution of interdisciplinary thought about sustainability. Principles of systems thinking as applied to complex problems. Application of theory in community systems.

**301 Citizen Engagement for Sustainability**  
Fall, Spring. 3(3-0) P: (CSUS 200) and completion of Tier I writing requirement  
Application of principles of change theory, citizenship, sustainability, and community engagement at multiple scales. Public and participatory decision making in diverse contexts. Techniques and skills for community engagement. Examination of personal identities as citizens. Leadership and communication challenges in active practice of engagement.

**310 History of Environmental Thought and Sustainability**  
Fall. 3(3-0) P: Completion of Tier I Writing Requirement RB: (CSUS 200) and One ISS course or one PSY course or one SOC course. R: Open to sophomores or juniors or seniors. SA: PRR 302  
History of attitudes and values associated with the environment, wilderness, environmentalism, conservation, preservation, and sustainability. Perceptions and assessment of modern environmental problems and issues.

**320 Environmental Planning and Management**  
Fall. 3(3-0) P: Completion of Tier I Writing Requirement RB: (CSUS 200) and one ISB course and one environmental science course SA: ESA 320, RD 320  
Concepts, principles and objectives of planning and management. Demand, supply and impacts of natural resources use. Suitability assessment for sustainable development and land use planning.

**322 Leadership for Community Sustainability**  
Fall, Spring. 3(3-0) P: Completion of Tier I Writing Requirement RB: CSUS 200 or concurrently SA: ESA 312  
Leadership theory, practice, and reflection. Individual and team leadership in the context of community sustainability.

**325 Study and Practice of Communication for Sustainability (W)**  
Spring. 3(3-0) P: (CSUS 200 or approval of department) and completion of Tier I writing requirement R: Open to juniors or seniors. SA: ACR 305  
Communications techniques for community engagement. Impacts of new and emerging communication tools. Facilitation principles and practice. Science and risk communications. Grant writing.

**330 Organizational Management for Community Sustainability (W)**  
Fall. 3(3-0) P: (CSUS 276 or CSUS 273) and Completion of Tier I Writing Requirement R: Open to juniors or seniors. SA: PRR 370  
Sustainable management and operation of public and nonprofit organizations. Legal foundations, policy, management responsibilities, ethical decision-making and management functions.

**343 Community Food and Agricultural Systems**  
Fall of even years, Spring. 3(3-0) P: Completion of Tier I Writing Requirement RB: (CSUS 200) and an introductory social science course SA: ESA 343  
Food and agricultural systems. Inputs, production, processing, distribution, consumption and disposal. Industrialization, globalization and centralization of power. Community goals including ecological sustainability, social justice, economic viability and democracy.

**354 Water Resources Management**  
Spring. 3(3-0) P: Completion of Tier I Writing Requirement RB: (BS 161 or BS 162 or CEM 141 or CSS 210) and CSUS 200 SA: ESA 324  
Biophysical, community, and institutional components of comprehensive water resources management. Biophysical and social processes that control the quality and quantity of aquatic resources at the watershed level.

**418 Community Sustainability Study Abroad**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. P: (CSUS 200) and completion of Tier I writing requirement R: Approval of department; application required. SA: ESA 475  
Study and travel experience emphasizing contemporary problems in sustainability in world, national, and local communities.

**419 International Studies in Community Sustainability**  
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: (CSUS 200) and completion of Tier I writing requirement R: Not open to freshmen. Approval of department; application required. SA: ESA 480, RD 480  
Contemporary problems affecting community sustainability outside the United States. Ecological, socio-dynamic, and cultural influences on environmental management. Study-travel experience.

**425 Environmental Impact Assessment**  
Fall. 3(3-0) P: ZOL 355 and (GEO 325 or FW 419 or approval of department) RB: An introductory course or experience in GIS (Geographic Information Systems) SA: ESA 415  
Environmental impact assessment of proposed projects and plans. Regulatory frameworks and implementation issues.

**429 Program Planning and Evaluation**  
Fall. 3(3-0) P: (MTH 116 or (MTH 103 and MTH 114)) and (STT 200 or STT 201 or STT 224 or PSY 295 or COM 300 or approval of department) SA: ACR 415  
Concepts, theories, and procedures in program development and evaluation. Practical methods and skills to plan and implement evaluations of community, agriculture, and natural resources programs.

## Community Sustainability—CSUS

- 431 Interpretation and Visitor Information Systems**  
Spring. 3(2-2) P: ((CSUS 200 or CSUS 276) or approval of department) and completion of Tier I writing requirement R: Open to juniors or seniors or graduate students. SA: PRR 451  
Interpretation principles and practice for nonformal settings, such as community development organizations, parks, museums, zoos, aquaria, nature and visitor centers, and historic sites. Goals and functions of interpretation for community development, visitor and tourist experience enhancement, achievement of resource and visitor management goals. Planning, implementation, and evaluation of interpretive programs for diverse audiences. Information systems and visitor services. National certification optional. Field trips required.
- 433 Grant Writing and Fund Development (W)**  
Fall. 3(3-0) P: Completion of Tier I Writing Requirement R: Open to juniors or seniors or graduate students. SA: ESA 413, RD 313  
Theoretical and practical background for proposal writing. Program and strategic planning. Fundraising and organizational advancement.
- 445 Community-Based Environmental and Sustainability Education**  
Fall. 3(2-2) P: (CSUS 200 or approval of department) and completion of Tier I writing requirement RB: ZOL 355 R: Open to juniors or seniors or graduate students. SA: ESA 435  
Methods, materials and theory for non-formal environmental and sustainability education. Focuses on non-profit and agency education programming in conservation, food systems, parks and recreation, and community engagement and outreach. Consideration of relationships among non-formal, informal and K-12 education systems. Field trips required.
- 447 Community Economic Development**  
Spring. 3(3-0) Interdepartmental with Environmental Economics and Policy and Sociology. Administered by Community Sustainability. P: EC 201 or EC 202 or CSUS 200 SA: ESA 470, RD 470  
Theories, frameworks, policies, concepts, principles, models, and skills for community economic development. Community participation in local development initiatives.
- 452 Watershed Concepts**  
Fall, Spring, Summer. 3(3-0) Interdepartmental with Biosystems Engineering and Crop and Soil Sciences and Forestry and Fisheries and Wildlife. Administered by Community Sustainability. P: CSUS 354 RB: Organic chemistry SA: RD 452, ESA 452  
Watershed hydrology and management. The hydrologic cycle, water quality, aquatic ecosystems, and social systems. Laws and institutions for managing water resources.
- 463 Food Fight: Politics of Food**  
Fall of even years. 3(3-0) Interdepartmental with Sociology. Administered by Community Sustainability. P: CSUS 200 or SOC 100 RB: (CSUS 343) and Familiarity with social science theories and methods R: Not open to freshmen or sophomores.  
Social power and its influence in US agrifood system. Structural and cultural issues related to politics of food consumption, production, labor, processing, retail, techno-science, policy, resistance movements.
- 464 Environmental and Natural Resource Policy in Michigan**  
Spring. 3(3-0) Interdepartmental with Environmental Economics and Policy. 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 Law and Policy**  
Fall. 3(3-0) Interdepartmental with Environmental Economics and Policy 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.
- 473 Social Entrepreneurship and Community Sustainability**  
Spring. 3(3-0) P: (CSUS 200 or CSUS 273) and completion of Tier I writing requirement RB: A course in micro-economics R: Open to juniors or seniors or graduate students. SA: PRR 473  
Start-up and management of private sector, non-profit, and public organizations. Identifying and overcoming the challenges associated with the sustainable operations of small organizations.
- 474 Advanced Topics in Tourism Management**  
Fall. 3(3-0) P: CSUS 273 or HB 100 or GEO 259 R: Open to juniors or seniors or graduate students. SA: PRR 474  
Tourism as a form of economic and community development. Tourism planning, marketing and management. Tourism and sustainability. Tourism research.
- 476 Natural Resource Recreation Management**  
Fall. 4(3-2) P: (CSUS 276 or FOR 101 or FOR 202 or FW 101) and completion of Tier I writing requirement R: Open to juniors or seniors or graduate students. SA: PRR 448  
Natural resource recreation management principles, tools and models. Applications to trail, camping, watercraft and dispersed recreation settings. Security of visitors, resources and facilities. Case studies and integrated problem solving. Offered first half of semester.
- 490 Independent Study in Community Sustainability**  
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. RB: (CSUS 200) and completion of Tier I Writing requirement R: Approval of department; application required. SA: ACR 490, ESA 490, PRR 490  
Individual supervised study of selected topics
- 491 Special Topics in Community Sustainability**  
On Demand. 1 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course. RB: (CSUS 200) and completion of Tier I Writing requirement R: Open to juniors or seniors. SA: ACR 491, ESA 491, PRR 491  
Selected issues in community sustainability derived from current and emerging topics of interest.
- 493 Professional Internship in Community Sustainability**  
Fall, Spring, Summer. 3 to 6 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, ANR 493, ANS 493, CMP 493, CSS 493, EEP 493, FIM 493, FSC 493, FW 493, HRT 493, PKG 493, and PLP 493. P: (CSUS 200) and completion of Tier I writing requirement R: Open to seniors in the Department of Community Sustainability. Approval of department; application required. SA: ESA 493, PRR 493  
Off campus supervised capstone professional experience in an organization related to student's major in the Department of Community Sustainability
- 800 Foundations of Community Sustainability**  
Fall. 3(3-0) R: Open to graduate students in the Department of Community Sustainability or approval of department. SA: ACR 800  
Concepts, issues, and approaches central to integrated research, service and learning careers in community sustainability including sustainable tourism and protected area management.
- 802 Survey of Research Methods**  
Fall. 3(3-0) R: Open to graduate students in the Department of Community Sustainability or approval of department. SA: ACR 802  
Methodological approaches and research techniques applied in multidisciplinary research in community sustainability. Concepts and skills needed to interpret and evaluate published research.
- 811 Community, Food and Agriculture: A Survey**  
Fall. 3(3-0) SA: ACR 811  
Philosophical, socio-economic, health and political issues related to food and farming in the United States.
- 814 Sustainable Tourism and Protected Area Management: Theories and Applications**  
Spring. 3(3-0) SA: PRR 874, ACR 814  
Historical antecedents and current concepts of leisure, travel, and tourism. Tourism theory and applications.
- 816 Environmental Design Theory**  
Fall. 3(3-0) Interdepartmental with Horticulture and Interior Design and Landscape Architecture. Administered by Landscape Architecture. RB: Undergraduate design degree recommended.  
Differences between normative theories, scientific theories, models, and constructs. Exploration of normative theories related to thesis or practicum.
- 823 Contemporary Issues in Animal-Human Relationships**  
Fall of even years. 3(3-0) SA: ACR 823  
Contemporary issues in animal-human relationships, including agriculture and food systems, local communities, and enclosed parks. Nature as a fluid network of relations including humans, nonhumans, and technologies.

- 824 Sustainable Development: Measuring Socioeconomic Well-Being**  
 Spring. 3(3-0) RB: Prior coursework in microeconomics and sociology SA: ACR 824  
 Measurement of social and economic welfare at national and local scales. Consumption and economic growth as welfare indicators. Theories of development, utility, and economic growth. Indicators of sustainable development. Environmental and social dimensions of human well-being.
- 826 International Development Theory and Practice**  
 Fall. 3(3-0) Interdepartmental with Anthropology and Forestry and Political Science and Social Science. Administered by Community Sustainability. SA: ACR 826, RD 826  
 Evolution of international development theory across disciplines. Changing conceptualizations, measurements, processes and effects of development and poverty. Ethnicity, social class, gender, and community influences on socioeconomic processes. Current issues, concerns, and strategic alternatives.
- 828 The Art and Craft of Public Policy Analysis**  
 Spring. 3(3-0) RB: Prior course work in political science, public administration or economics, and research methods, or relevant work experience. SA: ACR 828  
 Public policy analysis, especially natural resource policy. Theoretical models of policy analysis. Practice translating science to policy. Values, systems and political environments in which policy decisions are made. Field trip required.
- 830 Planning for Sustainable Development**  
 Summer. 3(3-0) SA: ACR 830  
 Land resource evaluation and impact assessment for rural development planning and policy analysis. Concepts, principles, and indicators of sustainable development. Systems approaches and applied models in resource assessment. Case studies.
- 831 Foundations of Qualitative Research**  
 Spring. 5(5-0) RB: Prior research experience is helpful SA: RD 812, ACR 831  
 Qualitative project design. Relationship of epistemology to theory, methodology, and method. Collection and analysis of qualitative data. Project-based. In-depth interviews, focus groups, observation, memos, coding displays, report writing.
- 833 Program Evaluation in Agriculture and Natural Resources**  
 Summer. 3(3-0) SA: ACR 833  
 Concepts, theories, procedures and applications of program evaluation. Planning and implementing evaluations of food, agriculture and natural resources programs. Logic models, evaluation plans and instruments, data analysis and written reports.
- 838 Participatory Modes of Inquiry**  
 Spring. 3(3-0) RB: CSUS 800, CSUS 802, a graduate philosophy of science course, or a graduate-level research methods course. SA: ACR 838  
 Participatory and action research literature across the disciplines. Epistemological and theoretical foundations, fields of application, points of emphasis for practice. Skill building in reflexivity, surfacing assumptions, dialogue, and active listening.
- 841 Building and Implementing Watershed Management Plans**  
 Fall, Spring, Summer. 3(3-0) RB: CSUS 452 SA: ACR 841, RD 881  
 Developing and implementing watershed management plans. Problem definition, data collection, public consultation, and program evaluation.
- 842 Watershed Assessments and Tools**  
 Fall, Spring, Summer. 3(3-0) RB: CSUS 452 or CSUS 841 SA: ACR 842, RD 882  
 Assessing and predicting physical, chemical, biological and socioeconomic conditions within watersheds. Tools and techniques for identifying, evaluating, and prioritizing problems.
- 843 Legal, Financial and Institutional Frameworks in Watershed Management**  
 Fall, Spring, Summer. 3(3-0) RB: CSUS 452 or CSUS 841 or CSUS 842 SA: ACR 843  
 Watershed management laws and regulations. Resolving financial and human conflicts arising from regulation.
- 845 Coastal and Maritime Resources Management**  
 Fall of odd years. 3(3-0) SA: ACR 845, PRR 895  
 Integrated planning and management of coastal and maritime resources. Legal, social and political contexts of Coastal tourism. Cultural landscapes. Natural, historic and cultural resources. Commercial and recreational uses. Field trips required.
- 846 Law of Environmental Regulation**  
 Fall. 3(3-0) SA: ACR 846, RD 836  
 How the legal system regulates environmental matters. Case studies. Administrative Procedures Act. National Environmental Policy Act. Clean Air Act. Nuclear power, federal lands, parks, monuments, and the production, use and disposal of hazardous substances.
- 848 Community Based Natural Resource Management in International Development**  
 Spring. 3(3-0) SA: ACR 848, RD 823  
 Community-based natural resource management in developing countries. Determinants of conservation, productivity, and income distribution. Interaction of human and natural systems, perceptions of scarcity, property rights, collective action, and governance. Policy tools for promoting conservation.
- 851 Modeling Natural Resource Systems**  
 Spring. 3(3-0) Interdepartmental with Environmental Science and Policy and Fisheries and Wildlife. Administered by Community Sustainability. RB: ecology, statistics, and calculus SA: ACR 851  
 Introductory quantitative modeling of environmental systems.
- 854 Agriculture and Social Movements**  
 Spring of even years. 3(3-0) SA: ACR 854  
 Theoretical and empirical issues in social movements. History of United States agrarian insurgency. Contemporary analysis of agrifood insurgency, grievances, organization, ideology, economic and political structures. Role of culture.
- 857 Culture and Rurality**  
 Spring of odd years. 3(3-0) SA: ACR 857  
 Culture, meaning, values, ideology, and identity in rurality, agriculture, and development. Cultural production and reproduction in rural communities and agriculture including power and inequality. Socio-cultural life of markets and commodities, alternative agri-food networks, and sustainable development.
- 862 Community Program Development - Theory and Practice**  
 Fall of even years. 3(3-0) SA: ACR 862  
 Community program development theory and practice for formal and non-formal program developers. Participant experiences used to connect theory and practice.
- 865 Facilitative Leadership**  
 Fall, Summer. 1(1-0) SA: ACR 865  
 Facilitative leadership in groups, organizations and communities. Techniques, processes, and skills for leading groups to generate and prioritize ideas, set goals, and create action plans. Practical experience emphasized.
- 872 Parks and Protected Areas Policy and Management**  
 Spring of odd years. 3(3-0) Interdepartmental with Forestry. Administered by Community Sustainability. SA: ACR 872, PRR 842  
 Historical and institutional approach to national park and wilderness policies. Variations in policy implementation across United States natural resource management agencies. International protected areas policies and issues. Relationship between policy and resource management.
- 873 Culture, Communities and Tourism**  
 Fall of even years. 3(3-0) SA: ACR 873  
 Multi-disciplinary exploration of culture, heritage, cultural landscapes, ecotourism. Contribution of cultural institutions and resources to economy, tourism and community development. Relationship between natural environment and cultural expression. Positive and negative impacts of cultural tourism. Domestic and international examples.
- 876 Marketing Tourism, Leisure, and Natural Resources**  
 Spring of odd years. 3(3-0) RB: One undergrad or grad marketing class. SA: ACR 876  
 Classic and contemporary marketing theories and methods in planning and design marketing.
- 878 Tourism, Conservation and Development**  
 Fall of even years. 3(3-0) SA: ACR 878  
 Theory and practice of using tourism as a means of conserving natural and cultural resources and promoting economic growth at the local and regional level. Case studies.
- 890 Independent Study in Community Sustainability**  
 Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open to graduate students. Approval of department. SA: ACR 890  
 Supervised individual study in an area of community sustainability or sustainable tourism and protected area management.
- 891 Selected Topics in Community Sustainability**  
 Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open to graduate students in the College of Agriculture and Natural Resources or in the Department of Community Sustainability or in the Community, Agriculture, Recreation and Resource Studies major. Approval of department. SA: ACR 891  
 Selected topics in community sustainability or sustainable tourism and protected area management of current interest and importance.
- 891B Advanced Topics in Community, Food and Agriculture**  
 Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. SA: ACR 891B  
 Selected, advanced topics in community, food and agriculture.

## Community Sustainability—CSUS

### 894 **Field Practicum in Community Sustainability**

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 graduate students in the Department of Community Sustainability. SA: ACR 894

Integration of knowledge, skills and program objectives with field-based scholarship or training in programs in domestic or foreign settings. Practice, observation, and analysis through field experiences. Writing, analysis, and evaluation.

### 895 **Case Studies in Community Sustainability**

Fall. 3(3-0) P: CSUS 800 and CSUS 802 R: Open to graduate students in the Department of Community Sustainability or approval of department. SA: ACR 895

Case studies in community sustainability, sustainable tourism, and protected area management. Use of multi-disciplinary teams in addressing complex policy, planning, development, and management issues.

### 898 **Master's Professional Project**

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open to masters students in the Department of Community Sustainability. SA: ACR 898

Master's project, non-thesis research, practicum or other professional development capstone experiences.

### 899 **Master's Thesis Research**

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open to masters students in the Department of Community Sustainability. SA: ACR 899

Master's thesis research.

### 999 **Doctoral Dissertation Research**

Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open to doctoral students in the Department of Community Sustainability. SA: ACR 999

Doctoral dissertation research.