COMMUNITY SUSTAINABILITY

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.

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

260 Land and Environmental Issues in Law and Policy
Fall of odd years. 3(3-0) Fall: Traverse City. SA: ESA 225

265 Exploring Environmental and Sustainability Issues and Policy Using Films
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 Management
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

300 Theoretical Foundations of Sustainability
Fall, Spring. 3(3-0) P: (CSUS 200) and completion of Tier I writing requirement

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 concurrent 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

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.
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 6 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.
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) RA: 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 205 or COMM 301 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. Fund-raising 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 agri-food 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 253 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, nonprofit, 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: ACR 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 Controversial Issues in Animal-Human Relationships
Fall of even years. 3(3-0) SA: ACR 823

Controversial 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 the national and local scale. 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

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

831 Foundations of Qualitative Research
Spring. 3(3-0) 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. 3(3-0) RB: CSUS 452
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 watershed. 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

848 Community Based Natural Resource Management in International Development
Spring. 3(3-0) SA: ACR 848, RD 823

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

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. Participants experience used to connect theory and practice.

865 Facilitative Leadership
Fall, Summer. 3(3-0) 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

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 the 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 under- 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 Select 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.
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.

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.

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.

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.

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.