COMMUNITY
SUSTAINABILITY  CSUS

Department of Community Sustainability
College of Agriculture and Natural Resources

124 Introduction to Sustainable Agriculture and Food Systems
Fall, Spring. 2(2-0) Interdepartmental with Animal Science and Crop and Soil Sciences and Horticulture. Administered by Crop and Soil Sciences. R: Open to undergraduate students or agricultural technology students. Contemporary research and movements involving agricultural and food system sustainability. Socio-cultural factors influencing food and agriculture.

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

215 International Development and Sustainability
Spring. 3(3-0) Theories, concepts and themes in international development and sustainability.

221 Seminar in Environmental and Sustainability Careers
Spring. 1(1-0) R: Open to students in the Environmental Studies and Sustainability Major or approval of department. Societal value of, and opportunities in, environment and sustainability careers. Career planning, including engagement with employers and alumni.

222A Seminar in Instructional Theory I - Agriculture, Food and Natural Resources Education
Fall. 1(1-0) R: Open to undergraduate students. Professional involvement and introductory instructional theory in formal and non formal agriculture, food and natural resources education. Requires 10 hours of observation in a K-12 Ag, Food, and Natural Resource Education (AFNRE) classroom.

222B Seminar in Instructional Theory II - Agriculture, Food and Natural Resources Education
Fall. 1(1-0) P: CSUS 222A Principles of experiential learning theory in formal and non formal agriculture, food and natural resources education. Requires 10 hours of observation in a K-12 Ag, Food, and Natural Resource Education (AFNRE) classroom.

222C Seminar in Instructional Theory III - Agriculture, Food and Natural Resources Education
Fall. 1(1-0) P: CSUS 222B Application of problem-based learning theory in formal and non formal agriculture, food and natural resources education. Requires 10 hours of observation in a K-12 Ag, Food, and Natural Resource Education (AFNRE) classroom.

223A Seminar in Leadership Theory I - Agriculture, Food and Natural Resources Education
Spring. 1(1-0) Introductory leadership theory in formal and nonformal agriculture, food and natural resources education.

223B Seminar in Leadership Theory II - Agriculture, Food and Natural Resources Education
Spring. 1(1-0) P: CSUS 223A Practical applications of leadership theory in agriculture, food and natural resources education within Michigan communities.

223C Seminar in Leadership Theory III - Agriculture, Food and Natural Resources Education
Spring. 1(1-0) P: CSUS 223B Applied mentoring and leadership evaluation in formal and nonformal agriculture, food, and natural resources education.

224 Sustainable Farm and Food Systems Field Studies
Field Studies. 1(0-4) Interdepartmental with Animal Science and Crop and Soil Sciences and Horticulture. Administered by Crop and Soil Sciences. P: CSS 124 R: Not open to freshmen or agricultural technology students. Field visits to farm and food system operations that utilize sustainable practices in Michigan. Offered first half of semester.

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.

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
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.

278 Introduction to Conservation, Recreation and Environmental Enforcement
Fall. 1(1-0) Interdepartmental with Fisheries and Wildlife. Administered by Community Sustainability. R: Not open to freshmen. Scope, history and application of conservation, recreation and environmental law enforcement at the international, federal, state and local level. Integration with traditional policing, resource management and public lands. Career opportunities.

300 Theoretical Foundations of Sustainability
Fall, Spring. 3(3-0) P: (CSUS 200) and completion of Tier I writing requirement and (EC 201 or EC 202) R: Open to juniors or seniors or approval of department. 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 Community 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.
Community Sustainability—CSUS

310 History of Environmental Thought and Sustainability
Fall, Spring, Summer. 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

320 Environmental Planning and Management
Fall, Spring, Summer. 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

322 Leadership for Community Sustainability
Fall, Spring. 3(3-0) P: Completion of Tier I Writing Requirement RB: CSUS 200 or currently ESA 312

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, Spring. 3(3-0) P: (CSUS 200 or CSUS 273 or CSUS 276) and Completion of Tier I Writing Requirement R: Open to juniors or seniors. SA: PRR 370

343 Community Food and Agricultural Systems
Fall, Spring, Summer. 3(3-0) P: Completion of Tier I Writing Requirement RB: (CSUS 200) and an introductory social science course SA: ESA 343

354 Water Resources Management
Fall, Spring. 3(3-0) P: Completion of Tier I Writing Requirement RB: (BS 161 or BS 162 or CEM 141 or CSUS 210) and CSUS 200 SA: ESA 324

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 or approval of department R: Approval of department; application required. SA: ESA 475

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 or approval of department R: Not open to freshmen or sophomores. Approval of department; application required. SA: ESA 480, RD 480

422 Youth Leadership: Theory and Practice
Summers of even years. 3(3-0) RB: CSUS 322 R: Not open to freshmen or sophomores. Foundations of theory and practice in youth leadership. Youth development and leadership in families, schools, organizations, and communities. Review of youth organizations at the local, state, national, and international levels. Field trip required.

423 Educational Theory and Application of Experiential Learning in ANR
Summer of odd years. 3(3-0) RB: CSUS 322 or CSUS 422 R: Not open to freshmen or sophomores. Foundations of experiential learning. Experiential learning within the context of families, schools, organizations and communities as a function of an educational system. Application of experiential learning within formal and nonformal educational settings. Field trips required.

424 Sustainable Agriculture and Food Systems: Integration and Synthesis
Fall. 3(3-0) Interdepartmental with Animal Science and Crop and Soil Sciences and Horticulture. Administered by Crop and Soil Sciences. P: CSS 124 and (CSS 224 or concurrently) R: Open to juniors or seniors or graduate students.

425 Environmental Impact Assessment
Fall. 3(3-0) P: (CSUS 200 or CSS 210 or GEO 206 or GLG 201) or approval of department) and completion of Tier I writing requirement RB: CSUS 320 R: Open to juniors or seniors in the Department of Community Sustainability or approval of department. SA: ESA 415

429 Program Evaluation for Community Sustainability
Fall. 3(3-0) P: {((MTH 103 and (STT 200 or STT 201)) or (MTH 103 and MTH 114) or MTH 116 or MTH 124) and (CSUS 200 or EEP 255) and completion of Tier I writing requirement) SA: ACR 415

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

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

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

446 Environmental Issues and Public Policy
Fall. 3(3-0) Interdepartmental with Integrative Biology. Administered by Integrative Biology. R: Not open to freshmen or sophomores. SA: ZOL 446

Interrelationship of science and public policy in resolving environmental issues. Technical, social, economic, and legal influences. Case study approach.
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
Fall of odd years. 3(3-0) SA: ACR 814, PRR 874
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
Spring of odd years. 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
Spring. 3(3-0) Interdepartmental with Anthropology and Forestry and Political Science. SA: ACR 826
Community Sustainability—CSUS

829 Economics of Environmental Resources
Spring. 3(3-0) Interdepartmental with Agricultural, Food, and Resource Economics and Economics and Forestry and Fisheries and Wildlife. Administered by Agricultural, Food, and Resource Economics. RB: Undergraduate intermediate microeconomics, calculus, and statistics SA: AEC 829
Economic principles, theoretical models, and empirical methods related to environmental problems and policy interventions. Applications to air, land, water, forests, energy, fish and wildlife, and climate change, including in developing countries.

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
Spring. 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.

834 Survey Research and Design
Spring. 3(3-0) RB: Graduate-level course in economics or sociology. R: Open to graduate students or approval of department.
Theory and practice of designing and conducting surveys in the study of community sustainability.

836 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, CSUS 851
System dynamics modeling in human-environmental systems. Sustainability applications, including renewable and non-renewable resource use, greenhouse gas emissions and climate change, pollutants and limits to growth.

838 Participatory Modes of Inquiry
Fall. 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, surface assumptions, dialogue, and active listening.

841 Building and Implementing Watershed Management Plans
Fall, Spring, Summer. 3(3-0) RB: CSUS 452 or CSUS 841 SA: ACR 841
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. 3(3-0) RB: CSUS 452 or CSUS 841 or CSUS 842 SA: ACR 843
Watershed management laws and regulations. Solving financial and human conflicts arising from regulation.

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

855 Political Ecology of Food
Fall of even years. 3(3-0) RB: CSUS 811 or concurrently R: Open to graduate students or approval of department.
Interactions between food, society and the environment. Ecological impacts and sociopolitical power in international and domestic contexts.

858 Gender, Justice and Environmental Change: Issues and Concepts
Fall, 3(3-0) Interdepartmental with Anthropology and Criminal Justice and Forestry and Fisheries and Wildlife and Geography and Sociology and Women's Studies. Administered by Community Sustainability. RB: Background in social science, environmental science, or natural resources. 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.

865 Facilitative Leadership
Fall. 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.

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.

886 Fundamentals of Museum Studies
Fall. 3(3-0) Interdepartmental with Anthropology and History and Museum Studies. Administered by Museum Studies. R: Open to lifelong graduate students in the College of Arts and Letters or in the Department of Anthropology or in the Department of History. Approval of department. SA: AL 886 Not open to students with credit in MUSM 485. Introduction to the history of museums and current practices, standards, issues and ethics related to education, administration, visitor studies and the development, care and use of museum collections.

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.

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) R: 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.
897  Practicum in Museum Studies
On Demand. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Anthropology and History and Museum Studies. Administered by Museum Studies. SA: AL 897 C: MUSM 485 concurrently or MUSM 886 concurrently.
Practical experience in museum studies.

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 master's 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 master's 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.