COMMUNITY SUSTAINABILITY

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. Sociocultural 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.

224  Sustainable Farm and Food Systems Field Studies
Fall. 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.

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.

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. 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.

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 of even years, Spring. 3(3-0) P: Completion of Tier I Writing Requirement RB: (CSUS 200 or CSUS 273 or CSUS 276) 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 or CSUS 273 or CSUS 276) 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 or approval of department R: Approval of department; application required. SA: ESA 475 Study and travel experience emphasizing contemporary problems in sustainability 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 or approval of department R: Not open to freshmen. Approval of department; application required. SA: ESA 480, RD 480

421 Youth Leadership: Theory and Practice
Summer 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.

422 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.

423 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.

424 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.

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.

426 Program Planning and Evaluation
Fall. 3(3-0) P: (MTH 116 or (MTH 103 and MTH 114)) and (STT 200 or STT 202 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.

427 Social Entrepreneurship and Community Sustainability
Fall, Spring, Summer. 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.

428 Environmental and Natural Resource Policy in Michigan

429 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.

430 Community Economic Development
Spring. 3(3-0) Interdepartmental with Environmental Economics and Policy and Sociology. Administered by Community Sustainability. 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.

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

432 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: EC 201 or EC 202 SA: ESA 470, RD 470 Watershed hydrology and management. The hydrologic cycle, water quality, aquatic ecosystems, and social systems. Laws and institutions for managing water resources.

433 Environmental and Natural Resource Economics
Spring. 3(3-0) P: CSUS 276 or FOR 101 or FOR 202 or FW 101 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

434 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.

435 Natural Resource Recreation Management
Fall. 3(3-0) 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.

436 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

437 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.
Agriculture and Social Movements
Spring of even years. 3(3-0) SA: ACR 854

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.

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.

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.

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

Culture, Communities and Tourism
Spring of odd years. 3(3-0) Interdepartmental with Forestry. Administered by Community Sustainability. 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.

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.

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.

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.

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.

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, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 credits in all enrollments for this course. Approval 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.