COMMUNITY, AGRICULTURE, RECREATION AND RESOURCE STUDIES

Department of Community, Agriculture, Recreation and Resource Studies
College of Agriculture and Natural Resources

202 Problem Solving in Community, Agriculture, and Environmental Systems
Fall, Spring. 3(3-0) P: ESA 200 or PRR 213
R: Not open to freshmen.
Issues identification, critical thinking, problem solving, sustainability, and leadership in agriculture, natural resources, and community development.

204 Energy Issues in Natural Resource Management
Spring. 3(3-0) Interdepartmental with Fisheries and Wildlife. Administered by Fisheries and Wildlife. RB: FW 101 or FW 203 or ESA 200 or ESA 201 or FOR 202

205 Agricultural and Natural Resources Communication Theory and Practice
Spring. 3(3-0) P: Completion of Tier I Writing requirement R: Open to students in the Department of Community, Agriculture, Recreation and Resource Studies or in the Department of Food Science and Human Nutrition or approval of department. Not open to students with credit in AEE 211 or PRR 351 or RD 300.
Communication theory and skills for professionals in the fields of agriculture, food, environment, and recreation.

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

251 Information Technology in Agricultural Systems
Fall. 3(2-2) Interdepartmental with Technology Systems Management. Administered by Technology Systems Management. RB: Computer science course
Applications and trends in information systems. Evaluation and use of computer systems, peripherals, networks, presentation systems, and communication systems.

415 Program Planning and Evaluation
Fall. 3(3-0) P: (MTH 116 or MTH 103 and MTH 114) and (STT 200 or STT 201 or FW 324 or PSY 295 or COM 200 or approval of department) Not open to students with credit in PRR 389.
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.

419 Applications of Geographic Information Systems to Natural Resource Management
Spring. 4(2-4) Interdepartmental with Biological and Physical Sciences. Engineering and Forestry and Fisheries and Wildlife and Geography. Administered by Fisheries and Wildlife. P: GEO 221
Application of geographic information systems, remote sensing, and global positioning systems to integrated planning and management for fish, wildlife, and related resources.

492 Senior Seminar
Fall, Spring. 1(1-0) R: Open to seniors in the Department of Community, Agriculture, Recreation and Resource Studies. Senior seminar and capstone experience. Linking coursework to professional practice. Enhanced professional communication techniques.

800 Foundations of Community, Agriculture, Recreation and Resource Studies
Fall. 3(3-0) R: Open only to graduate students in the Department of Community, Agriculture, Recreation and Resource Studies. Concepts, issues, and approaches central to integrated research, service and learning careers in community, agriculture, recreation and resource studies.

802 Survey of Research Methods
Spring. 3(3-0) R: Open only to graduate students in the Department of Community, Agriculture, Recreation and Resource Studies.
Methodological approaches and research techniques applied in multidisciplinary research in community, agriculture, recreation, and resource studies. Concepts and skills needed to interpret and evaluate published research.

811 Community, Food and Agriculture: A Survey
Fall. 3(3-0)
Philosophical, socio-economic, health and political issues related to food and farming in the United States.

812 Buzzword Paradigms in Environmental and Natural Resource Management
Fall of even years. 3(3-0)
Frequently misunderstood paradigms and concepts applied in environmental and natural resources studies.

813 Foundations in Leisure Studies
Fall of even years. 3(3-0) SA: PRR 815
Concepts, theories, and philosophies of leisure and recreation. Historical, sociological, economic, and philosophical perspectives on leisure. Gender, ethnicity, and life course experience and participation in leisure activities.

814 Tourism and Travel: Theories and Applications
Spring of odd years. 3(3-0) SA: PRR 874
Historical antecedents and current concepts of leisure, travel, and tourism. Tourism theory and applications.

823 Contemporary Issues in Animal-Human Relationships
Fall of even years. 3(3-0)
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.

825 International Development: Strategy, Design, and Implementation
Fall, Spring. 3(3-0) SA: RD 876
Development policy design, strategy, programs, and projects. Planning, organizing, staffing, financing, controlling, and evaluating development projects and programs. Case studies.

826 International Development Theory and Practice
Fall. 3(3-0) Interdepartmental with Anthropology and Forestry and Political Science and Social Science. Administered by Community, Agriculture, Recreation and Resource Studies. SA: 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.
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.

829 The Economics of Environmental Resources
Spring. 3(3-0) Interdepartmental with Agricultural Economics and Economics and Forestry and Fisheries and Wildlife and Park, Recreation and Tourism Resources. Administered by Agricultural Economics. RB: Graduate Status
Economic principles related to environmental conflicts and public policy alternatives. Applications to water quality, land use, fish and wildlife, conservation, development, and global environmental issues.

833 Program Evaluation in Agriculture and Natural Resources
Spring. 3(3-0)
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.

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

846 Law of Environmental Regulation  
Fall. 3(3-0) SA: RD 836  

853 The Industrialization of American Agriculture  
Fall of even years. 3(3-0)  
Impact of industrial agriculture on farms, production systems, rural communities and the environment. Agricultural research to create sustainable agriculture and rural life.

854 Agriculture and Social Movements  
Spring of even years. 3(3-0)  

857 Culture and Rurality  
Spring of odd years. 3(3-0)  
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)  
Community program development theory and practice for formal and non-formal program developers. Participant experiences used to connect theory and practice.

872 Parks and Protected Areas Policy and Management  
Spring of even years. 3(3-0) Interdepartmental with Forestry. Administered by Community, Agriculture, Recreation and Resource Studies. SA: PRR 842  

873 Culture, Communities and Tourism  
Fall of even years. 3(3-0)  
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.

875 Tourism and Global Change  
Spring of odd years. 3(3-0) Interdepartmental with Geography. Administered by Community, Agriculture, Recreation and Resource Studies.  
Inter-relationship among tourism and economic, social, political, and environmental forces. Local, national, and international levels. Focus on vulnerable, less developed regions with the lowest natural levels of adaptation to global, social, and environmental change.

876 Marketing Tourism, Leisure, and Natural Resources  
Spring of odd years. 3(3-0) RB: One undergraduate or graduate marketing class.  
Classic and contemporary marketing theories and methods in planning and design marketing.

878 Tourism, Conservation and Development  
Fall of even years. 3(3-0)  
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 Agriculture, Community and Recreation  
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. Supervised individual study in an area of community, agriculture, and recreation.

891 Selected Topics in Agriculture, Community and Recreation  
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, Agriculture, Recreation and Resource Studies or in the Community, Agriculture, Recreation and Resource Studies major. Approval of department. Selected topics in community, agriculture, and recreation studies 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. Selected, advanced topics in community, food and agriculture. Topics vary.

895 Case Studies in Community, Agriculture, Recreation and Resource Studies  
Spring. 3(3-0) P: ACR 800 and ACR 802 R: Open only to graduate students in the Department of Community, Agriculture, Recreation and Resource Studies.  
Case studies in community, agriculture, recreation and tourism, natural resources and environmental systems. Use of multi-disciplinary teams in addressing complex policy, planning, development, and management issues.