

# AGRIBUSINESS & APPLIED ECONOMICS ELECTIVES

UPDATED 10/30/2023

Semester	Credits	Course
Autumn	3	<p><b><u>AEDE 2400- Diversity in the Workplace: Challenges and Opportunities</u></b>            The purpose of this course is to examine how and why diversity affects interpersonal and intergroup interactions in organizations, to develop an understanding of what diversity means, and to explore contemporary organizational strategies for managing workplace diversity while working to better understand what we as individuals bring to the dynamic.</p> <p><b>Prerequisites:</b> none.</p>
Autumn, Spring	3	<p><b><u>AEDE 2501- Introduction to Sustainability</u></b>            Introduces students to principles from various disciplines related to social, economic, and environmental sustainability. Students will evaluate key concepts and examine tradeoffs that are a part of sustainability action using case studies representing diverse perspectives.</p> <p><b>Prerequisites:</b> Soph standing, or permission of instructor. Cross-listed in ENR.</p>
Spring	3	<p><b><u>AEDE 2580- Feast or Famine: The Global Business of Food</u></b>            Global and regional trends in food consumption and production are surveyed. Trade, technological change, and other responses to food scarcity are analyzed.</p> <p><b>Prerequisites:</b> *Not open to students with credit for IntStds 2580. GE social science, human/natural/economic resources, and diversity global studies course.</p>
Spring	3	<p><b><u>AEDE 3104- Farm Business Management</u></b>            Analysis of resource control and detailed application of economic and management principles to the organization, operation, and administration of farm businesses.</p> <p><b>Prerequisites:</b> 3101.</p>
Autumn	3	<p><b><u>AEDE 3114- Commodity Futures &amp; Options Markets</u></b>            Institutional structure, allocative function, and managerial applications of commodity futures and options markets. Can be taken concurrently with AEDE 3124.</p> <p><b>Prerequisites:</b> 2001 or 2001H, or Econ 2001, or 2001H.</p>
Autumn	3	<p><b><u>AEDECON 3121- Salesmanship in Agribusiness and Agriculture</u></b>            Principles and techniques of selling to agribusiness buyers.</p> <p><b>Prerequisites:</b> 2001,2001H, Econ 2001, or 2001H.</p>

<b>Spring</b>	<b>3</b>	<p><b><u>AEDE 3124- Grain Merchandising</u></b> Principles and practices involved in grain and feed marketing and the theory of grain pricing, economics of grain marketing. Session 2 course.</p> <p><b>Prerequisites:</b> 3114 and 2105 or AcctMIS 2000 or 2200.</p>
<b>Spring</b>	<b>3</b>	<p><b><u>AEDE 3142- Agricultural Cooperatives</u></b> Basic principles of cooperatives, including types of organizations, legal aspects, governance, membership relations, debt and equity financing, organizational and inter-cooperative problems, and distribution of earnings.</p> <p><b>Prerequisites:</b> 2001, 2001H, Econ 2001, or 2001H.</p>
<b>Autumn, Spring</b>	<b>3</b>	<p><b><u>AEDE 3160- Human Resources Management in Small Businesses</u></b> Human resource planning, job analysis, organizational structure, recruitment &amp; selection, training, motivation, leadership, communication, compensation, &amp; evaluating employee performance in context of small businesses.</p> <p><b>Prerequisites:</b> Jr standing.</p>
<b>Autumn, Spring</b>	<b>3</b>	<p><b><u>AEDE 3170- Agribusiness Law</u></b> A study of the legal system and selected areas of law that affect agricultural types of businesses, including civil liabilities, property law, business law and regulatory law.</p> <p><b>Prerequisites:</b> 2001, 2001H, Econ 2001, or 2001H.</p>
<b>Autumn, Spring</b>	<b>3</b>	<p><b><u>AEDE 3680- Regional Economics and Sustainable Growth</u></b> Designed to study theories and methodologies for analyzing rural and regional economic development, primarily in advanced economies.</p> <p><b>Prerequisites:</b> 2001 or equivalent course in Microeconomics.</p>
<b>Autumn, Spring</b>	<b>3</b>	<p><b><u>AEDE 4002.01- Analytics for Agribusiness and Applied Economics</u></b> Students will be introduced to and gain experience with quantitative statistical models and related analytical methods and their application to food, agricultural, and environmental systems. There is an emphasis on real world application and presentation of the results</p> <p><b>Prerequisite or Concur:</b> 4001 or econ 4001.02</p>
<b>Autumn, Spring</b>	<b>3</b>	<p><b><u>AEDE 4003- Economic of Public Policy Analysis</u></b> Understanding of economic tools and concepts for analyzing public policies important to the food industry, agriculture and natural resources.</p> <p><b>Prerequisite:</b> 2001 or 2001H or Econ 2001 or 2001H; and AEDE 3000. <b>Prerequisite or concur:</b> 4001 or Econ 4002.02</p>
<b>Spring</b>	<b>3</b>	<p><b><u>AEDE 4104- Agribusiness Finance Application</u></b> This course covers financial concepts such as financial statements, time value of money, and capital budgeting as they apply to farm business and agribusiness. Real life examples and in-course exercises are used including farm financial statements, farmland valuation, and credit evaluation for farm loans.</p> <p><b>Prerequisites:</b> 3103 or instructor permission.</p>
<b>Autumn, Spring, Summer</b>	<b>3</b>	<p><b><u>AEDE 4310 - Environmental and Natural Resources Economics</u></b> Economic analysis of the use &amp; management of natural resources &amp; of environmental policy.</p> <p><b>Prerequisites:</b> 2001 or Econ 2001.</p>

<b>Autumn</b>	<b>3</b>	<p><b><u>AEDE 4320- Energy, the Environment, and the Economy</u></b>  Understand the role of energy in the economy &amp; the environment. Explore the economics of clean, renewable energy, &amp; understand policies for pollution control.</p> <p><b>Prerequisites:</b> 2001 or Econ 2001.</p>
<b>Spring</b>	<b>3</b>	<p><b><u>AEDE 4321-Sustainable Energy</u></b>  Sustainable Energy covers the full range of sustainable energy options and technologies today and those projected to potentially play a role in the future. The course focuses on understanding the tradeoffs between the economics of technologies and their sustainability</p> <p><b>Prerequisite:</b> 4320; or Instructor Permission</p>
<b>Autumn, Spring</b>	<b>3</b>	<p><b><u>AEDE 4330- The Sustainable Economy: Concepts and Methods</u></b>  Introduces students to core concepts of sustainability in economics and the quantitative methods necessary to understand and evaluate sustainable development.</p> <p><b>Prerequisites:</b> 4310.</p>
<b>Autumn, Spring</b>	<b>3</b>	<p><b><u>AEDE 4340- Project Management</u></b>  An introduction to project management concepts and techniques focusing on how to initiate, plan, manage, control, and close projects related to sustainability and applied economics.</p> <p><b>Prerequisites:</b> 4310 and ENR 3900, Or instructor permission.</p>
<b>Autumn</b>	<b>3</b>	<p><b><u>AEDE 4532- Food Security and Globalization</u></b>  Examination of the causes of and solutions for food insecurity. Global and local factors that affect access to food are also considered.</p> <p><b>Prerequisites:</b> 2001 or Econ 2001, or permission of instructor.</p>
<b>Spring</b>	<b>3</b>	<p><b><u>AEDE 4535 - International Economic Development</u></b>  Study of the growth and diversification of developing economies and the causes of poverty and inequality. Analyze the impacts of human capital formation, markets, &amp; public policy on development.</p> <p><b>Prerequisites:</b> 2001 or Econ 2001. *Cannot double count for major elective and the “one of three” major requirements</p>
<b>Spring</b>	<b>3</b>	<p><b><u>AEDE 4540- International Commerce and the World Economy</u></b>  Application of trade theory and policies to world trade that impacts global business.</p> <p><b>Prerequisites:</b> 2001 or 2001H, or Econ 2001 or 2001H, or instructor permission.  *Cannot count for both a major elective and the “one of three” major requirements.</p>

<p><b>Autumn, Spring</b></p>	<p><b>3</b></p>	<p><b><u>AEDE 4567- Assessing Sustainability: Project Experience</u></b>  Students gain experience in sustainability assessment by applying concepts and quantitative methods to evaluate environmental, economic, social &amp; technical sustainability of specific projects. EEDS major capstone. Co-taught by ENR/AEDE faculty.</p> <p><b>Prerequisites:</b> Sr standing, or permission of instructor. *Not open to students with credit for ENR 4567. Cross-listed in ENR.</p>
<p><b>Autumn, Spring, Summer</b></p>	<p><b>3</b></p>	<p><b><u>AEDE 4597.01- Food, Population, and the Environment</u></b>  Problems related to world-wide population increases, food production, and associated environmental stress; policy options for lessening these problems, especially in low-income countries.</p> <p><b>Prerequisites:</b> Jr or Sr standing. GE cross-disciplinary seminar course. *Cannot count for both a major elective and a contemporary issues requirement.</p>
<p><b>Spring</b></p>	<p><b>3</b></p>	<p><b><u>AEDE 5330- Benefit-Cost Analysis</u></b>  Benefit-cost analysis theory and methods and their application to projects pertaining to public infrastructure, agriculture, the environment, natural resources, and human health.</p> <p><b>Prerequisites:</b> 4310, 4001, or Econ 4001.</p>