



Agribusiness Economics & Management (ABEM)

Minor Checklist

Catalog year requirements effective Fall 2023 and beyond

- 18 units of AREC coursework required. 9 units must be from Upper Division courses (UD, #300-499)
- Students must earn a minimum 2.0 GPA in all GPAs including the minor GPA, to graduate.
- Not all minor courses are offered each semester.
- Junior class standing is recommended for upper division coursework.
- Requirements current from Fall 2023 and beyond.
- AREC 217 and Calculus MATH 113/MATH 116 or higher are pre-requisites.
- Spring 2022 and beyond admitted students may use AREC150C as 1 of 4 course options. Students admitted Fall 2021 and prior, cannot use AREC150C in this minor.

Two Core Required Courses: (3 units each)

<u>Course</u>	<u>Grade</u>	<u>Semester Enrolled</u>
AREC 304 (AREC217 & Calculus pre-reqs, Fall)	_____	_____
AREC 339 (AREC217 & Calculus pre-reqs, Fall)	_____	_____

Choose four courses from the following options, 3 units each; at least one course must be **UD**:

AREC 150C, AREC 210, AREC 217, **UD**: AREC 313, AREC 315, AREC 365, AREC/ECON 373-Summer only, AREC 403, AREC 450, AREC 464, AREC 479/579.

<u>Course</u>	<u>Grade</u>	<u>Semester Enrolled</u>
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____

❖ See below for course descriptions and pre-reqs.



Course descriptions

AREC 150C – Sustaining Life: The Global Economy of Food
(Building Connections general education course, Fall & Summer offered)

This course describes the operational fundamentals of the global food system ranging from smaller-scale subsistence or organic production to the larger-scale commercial food trade. Consumer food behavior, both local and international, represents a core analytical issue in this class. A consistent thread throughout the course is the evaluation of the role of markets to efficiently and effectively allocate food resources for individuals and societies.

AREC/PPEL 210 – Understanding the World of Commerce
(Spring & Summer offered, Exploring Perspectives general education, category Social Scientist)

This course provides students with 1) a survey of business organizations as major institutions and the role of individuals as consumers, future entrepreneurs, and employees; 2) knowledge of the formal business and market structures that makes economies work; and 3) informed opinions about socio-cultural issues based on knowledge about economic theory. It offers an overview of entrepreneurial thinking and problem solving in the context of relations among the world of commerce and life sciences.

AREC 217 – Economics of Food & Agriculture: Sustainable Solutions for a Changing World
(Spring only, Exploring Perspectives general education, category Social Scientist)

Practical application of economic theory to understand and analyze current issues and events surrounding food, natural resources, the environment, and sustainable solutions to rising problems. Current policy debates and diverse perspectives are used to demonstrate the process of translating economic problems and social science methods into researchable questions, using quantitative methods and tools.

AREC 304 – Intermediate Production & Consumption Analysis
(Fall only, MATH113/116 & AREC 217 are pre-reqs)

Commodity and financial futures market participants, evolution, functions, performance, price determination, and regulation with hedging and speculative applications of futures and futures-options contracts.

AREC 313 – Economics Of Futures Markets
(Fall only, AREC 217 is pre-req)

Commodity and financial futures market participants, evolution, functions, performance, price determination, and regulation with hedging and speculative applications of futures and futures-options contracts.

AREC 315- Agribusiness Economics & Management
(Fall only, AREC 217 is pre-req)

Essential economic concepts and analytical tools for agribusiness managers are developed and applied to current business challenges and opportunities. Emphasis placed on decision tools, budgeting, forecasting, strategy, organization, and relationship management.

AREC 339 - Economic Statistics

(Fall only, AREC 217 & MATH113/116 Calculus are pre-reqs)

Application and interpretation of statistical measures to problems in economics.

AREC / NAFS / NSC 365 - The Food Economy: Efficiencies, Gaps & Policies

(Fall only, Building Connections general education course)

This course familiarizes students with the food economy and its efficiencies while identifying where gaps occur as food flows from producers to consumers. These gaps frequently lead to food insecurity with a less healthy populous, as well as food waste, an issue in more developed societies. By examining 1) the food supply chain and markets, 2) food insecurity, 3) food loss and waste along the food supply chain and 4) food policies, students will gain insights into the economic forces that shape the food system. This course stimulates critical thinking and problem solving through economic and policy perspectives, which may lead to potential resolutions for those who struggle to afford and consume healthy, wholesome foods.

AREC 403 - Analysis of Economic Data

(Spring only, AREC339, MATH113/116, & AREC 304 are pre-reqs)

Market functions, costs, price indices, seasonality, marketing margins, commodity market models, price determination and price forecasting.

AREC 450/550 - Financial Management for Agribusiness

(Spring only, MATH113/116 Calculus, AREC 304, & ACCT210 are pre-reqs)

Application of financial management principals and tools to challenges and opportunities facing agribusiness firms. Emphasis is placed on the acquisition, allocation, control and transfer of capital resources.

AREC 464 - Economics Of Policy Analysis

(Fall only, MATH113/116 Calculus & AREC 304 or AREC315 are pre-reqs)

Applied economic theory and method of policy analysis and public choice. Emphasis is on policies impacting agriculture and rural America-especially historical and continuing government intervention in agricultural markets.

AREC 479/579 - Economic Analysis of Water, Food & Environmental Policies

(Spring only, AREC 217, MATH113/116 Calculus are pre-reqs)

This course focuses on economic methods for designing and evaluating water, food and environmental policies. Topics include optimizing water as an input in producing food, energy, recreation, and other ecosystem services; water & environmental issues in food production; pricing and conservation incentives; managing shortage risks; and economic tools for addressing conflicts over water, food and the environment. Interactive seminar style course. Calculus proficiency is required.

AREC 373 / ECON 373 – Environmental Economics

(ECON200 is pre-req, Econ offers Summer only)

Analysis of current environmental problems and their potential solutions.

(Eller controls offering of and enrollment in this course, please contact econreg@eller.arizona.edu when attempting to enroll in this course).