

Agribusiness Major

Agricultural Economics Major

International Agribusiness Major

Published August 2008

Effective for students beginning degree Summer Sem. 2008 thru Spring Sem. 2009

Admission Requirements For These Majors

1. Freshmen who meet the admission requirements and are accepted in good standing by the University are eligible for admission to the College of Agriculture and the Department of Applied Economics.

2. All transfer students, whether transferring from within Utah State University or from other colleges and universities, must have an overall minimum GPA of 2.5 to be accepted as majors in the department. Additional requirements may apply for students who seek to be admitted to a dual major.

3. New students wishing to major in the Department of Applied Economics may do so by listing one of the departmental majors on their application when they apply for admission to USU. Students enrolled at USU may change to a departmental major by applying directly to the College of Agriculture or the Department of Applied Economics.

The Program

The options within the **Agribusiness** major provide a foundation for employment in the agricultural sector and in businesses and institutions serving agriculture and rural regions, such as banks and financial institutions, production, marketing and buying cooperatives, value-added food producers, real estate and land management, agricultural chemical production and sales, and farms and ranches. Graduates of this program are employed in a variety of agribusiness operations throughout the United States. Agribusiness graduates have achieved prominence in positions in wholesale and retail sales and service, stock and commodity brokerage, real estate appraisal, banking and farm credit, and insurance, as well as in farm and ranch operations. Coursework provides training in basic business and economics, as well as in the specific management tools required for agricultural enterprises.

The **International Agribusiness** major combines training in business, language skills, and economics courses that emphasize the role of the trade and development issues that are critical to operating in the increasingly internationalized agribusiness sector. The program provides a foundation for employment in agricultural and agribusiness sectors, as well as in banks and financial institutions, production, marketing and buying cooperatives, value-added food producers, agricultural chemical production and sales, and farms and ranches in domestic and international settings. Coursework provides training in basic business and economics, as well as in the specific management tools required for agricultural enterprises.

The **Agricultural Economics** major emphasizes the development of quantitative skills in and a deeper understanding of economic theory. While this program provides a solid base for individuals desirous of careers in agricultural businesses, it also provides excellent preparation for graduate studies in economics, agricultural economics, natural resources, business, or law. The Agricultural Economics degree provides an excellent background for work in federal, state, and local government, as well as in the private sector. Graduates of this program are now working in positions involving the analysis of prices and markets, preparation of economic feasibility studies, and preparing economic forecasts.

To graduate with a bachelor's degree in Agribusiness, International Agribusiness, or Agricultural Economics, a student must have a minimum GPA of 2.5 in courses required for the major, as well as a grade of C or better earned in all courses required for the major. All required courses must be taken for a letter grade.

The requirements for these majors, along with University and University Studies requirements, are summarized in this program sheet. Students are encouraged to keep this program guide and to use it in recording progress toward the completion of their degree requirements. Students are also urged to study this requirement sheet and the *Online General Catalog* frequently and to visit with their advisors on a regular basis about progress toward the completion of their degrees.

Career Opportunities

The options within the **Agribusiness** major prepare students for employment in business, finance, marketing, and farm and ranch management. Graduates of this program are now employed in a variety of agribusiness operations throughout the United States. Agribusiness students have achieved success in the areas of sales and service, stock and commodity brokerage, real estate appraisal, banking, farm credit, insurance, and retail store management, and, of course, in farm and ranch operations.

The degree program in **Agricultural Economics** provides the student with an excellent background for work as an economist in federal, state, and local government, as well as in the private sector. Graduates of this program are now working in jobs involving the analysis of prices and markets, preparation of economic feasibility studies, and preparing economic forecasts. A number of graduates have gone on to graduate studies in economics, business, and law.

Degrees and Programs Offered Through This Department

Agribusiness: Bachelor of Science (BS)

International Agribusiness: Bachelor of Arts (BA)

Agricultural Economics: BS

Applied Economics: Master of Science (MS)

Economics: Doctor of Philosophy (PhD)

Academic Advisement

All students should contact their academic advisor for assistance with course selection, program planning, and meeting graduation requirements. If they do not know who their advisor is, students should contact the Applied Economics Department or the Office of University Advising.

Graduation Requirements: BS Degrees in Agribusiness and Agricultural Economics, and BA* Degree in International Agribusiness

Minimum University Requirements**

Total credits	120
Grade point average (most majors require higher GPA)	2.00 GPA
Credits of C- or better	100
Credits of upper-division courses (#3000 or above)	40
USU credits	30
(20 of which must be upper division, including 10 required by major)	
Completion of approved major program of study	See department
Credits in minor (if required by department)	12
Credits in American Institutions (ECON 1500; HIST 1700, 2700, or 2710; POLS 1100; or USU 1300)	3
University Studies requirements	See next page

*A BA degree requires foreign language training. For further information, see the *General Catalog*.

**Colleges and departments may require more credits or a higher GPA. See requirements on this sheet.

University Studies Requirements for Agribusiness, International Agribusiness, and Agricultural Economics Majors

Note: Approved University Studies courses and requirements are listed in the back section of each semester's *Schedule of Classes*.

General Education Requirements (30-34 credits)

Competency Requirements (9-10 credits)

Communications Literacy (CL1 and CL2) (6 credits)

ENGL 1010 (CL1) (3 credits) or satisfactory AP, CLEP, IBO, ACT, or SAT score

AND

ENGL 2010 (CL2) (3 credits) or satisfactory IBO score

Quantitative Literacy (QL) (3-4 credits)

MATH 1030 or 1050 or STAT 1040 (3-4 credits)

OR

One MATH or STAT course requiring MATH 1050 as a prerequisite

OR

Satisfactory AP, CLEP, IBO, ACT, or SAT score

Computer and Information Literacy (0 credits)

Passing grade on six computer and information literacy related examinations.

Breadth Requirements (18-20 credits)

Select at least one approved course from each of the following six categories: **American Institutions (BAI)**, **Creative Arts (BCA)**, **Humanities (BHU)**, **Life Sciences (BLS)**, **Physical Sciences (BPS)**, and **Social Sciences (BSS)**. At least two of the six breadth courses must be University Studies courses with a **USU prefix** (excluding USU 1000, 1010, 1100, 3330, 4900, and 6900). (CLEP or AP credit may be used.)

Exploration Requirement (3-4 credits)

Choose an additional class from one of the following General Education categories: QL, BAI, BCA, BHU, BLS, BPS, or BSS. For most students, a course taken for the major will meet this requirement.

Depth Education Requirements

Communications Intensive (CI) (2 courses)

For most students, courses taken for the major will meet this requirement.

Quantitative Intensive (QI) (1 course)

For most students, a course taken for the major will meet this requirement.

Depth Course Requirements (4 credits minimum, including 2 credits minimum completed in each of two courses)

Complete at least 2 credits in approved 3000-level or above courses from each of the following two categories: **Humanities and Creative Arts (DHA)** and **Life and Physical Sciences (DSC)**.

Agribusiness Major Requirements¹ (65 credits) (2.5 GPA)

All courses required for the Agribusiness Major should be taken for a letter grade. Students must earn a grade of C or better in each course.

Required Courses:

	Credits
<input type="checkbox"/> ACCT 2010 Survey of Accounting I (F,Sp,Su)	3
<input type="checkbox"/> ACCT 2020 Survey of Accounting II (F,Sp,Su).	3
<input type="checkbox"/> ASTE 3090 Computer Applications in Agriculture (F) (3 cr) or	
<input type="checkbox"/> MIS 2100 Principles of Management Information Systems (F,Sp,Su) (3 cr)	3
<input type="checkbox"/> ASTE 3050 (CI) Technical and Professional Communication Principles in Agriculture (F,Sp) (3 cr) or	
<input type="checkbox"/> MIS 2200 (CI) ² Business Communication (F,Sp,Su) (3 cr)	3
<input type="checkbox"/> (formerly BIS 2550)	
<input type="checkbox"/> ECON 1500 (BAI) Introduction to Economic Institutions, History, and Principles (F,Sp,Su)	3
<input type="checkbox"/> ECON 2010 (BSS) Introduction to Microeconomics (F,Sp,Su).	3
<input type="checkbox"/> ECON 3030 (DSS) Introduction to Agribusiness Marketing (F)	3
<input type="checkbox"/> ECON 3050 (DSS) Introduction to Agribusiness Management (Sp)	3
<input type="checkbox"/> ECON 4010 (DSS) Managerial Economics (F,Sp)	3
<input type="checkbox"/> ECON 4030 (CI) Agribusiness Finance (F)	3

Credits

<input type="checkbox"/> ECON 5030 Agricultural Marketing and Price Analysis (F)	3
<input type="checkbox"/> ECON 5050 Farm and Ranch Planning and Analysis (Sp)	3
<input type="checkbox"/> ECON 5350 (CI) Agribusiness, Cooperatives, and Management (Sp)	3
<input type="checkbox"/> MATH 1050 (QL) College Algebra (F,Sp,Su)	4
<input type="checkbox"/> MATH 1100 (QL) Calculus Techniques (F,Sp,Su)	3
<input type="checkbox"/> MHR 2050 ² Legal and Ethical Environment of Business (F,Sp,Su)	3
<input type="checkbox"/> (formerly MHR 2990)	
<input type="checkbox"/> STAT 2300 (QL) Business Statistics (F,Sp,Su)	4
<input type="checkbox"/> College of Agriculture electives*	12

*These 12 credits must be selected from courses offered by departments within the College of Agriculture, excluding courses offered by the Department of Applied Economics. Six of the 12 credits must be chosen from upper-division courses (i.e., courses numbered 3000 or above).

Agribusiness Major, Business Option Requirements¹ (68 credits) (2.5 GPA)

All courses required for the Agribusiness Major, Business Option should be taken for a letter grade. Students must earn a grade of C or better in each course. Students may be eligible for a second major in Business. For further information, contact an advisor. **Note:** Student transcripts and diplomas will list *only* the Agribusiness Major, *not* the Business Option.

Required Courses:

	Credits
<input type="checkbox"/> ACCT 2010 Survey of Accounting I (F,Sp,Su)	3
<input type="checkbox"/> ACCT 2020 Survey of Accounting II (F,Sp,Su).	3
<input type="checkbox"/> BA 3400 (QI) Corporate Finance (F,Sp,Su)	3
<input type="checkbox"/> BA 3500 Fundamentals of Marketing (F,Sp,Su)	3
<input type="checkbox"/> BA 3700 Operations Management (F,Sp,Su)	3
<input type="checkbox"/> ECON 1500 (BAI) Introduction to Economic Institutions, History, and Principles (F,Sp,Su)	3
<input type="checkbox"/> ECON 2010 (BSS) Introduction to Microeconomics (F,Sp,Su).	3
<input type="checkbox"/> ECON 3030 (DSS) Introduction to Agribusiness Marketing (F)	3
<input type="checkbox"/> ECON 3050 (DSS) Introduction to Agribusiness Management (Sp)	3
<input type="checkbox"/> ECON 3400 (DSS) International Economics for Business (F,Sp,Su)	3
<input type="checkbox"/> ECON 4010 (DSS) Managerial Economics (F,Sp)	3
<input type="checkbox"/> ECON 4030 (CI) Agribusiness Finance (F)	3
<input type="checkbox"/> ECON 5030 Agricultural Marketing and Price Analysis (F)	3
<input type="checkbox"/> ECON 5050 Farm and Ranch Planning and Analysis (Sp)	3
<input type="checkbox"/> ECON 5350 (CI) Agribusiness, Cooperatives, and Management (Sp)	3
<input type="checkbox"/> MATH 1050 (QL) College Algebra (F,Sp,Su)	4
<input type="checkbox"/> MATH 1100 (QL) Calculus Techniques (F,Sp,Su)	3
<input type="checkbox"/> MHR 2050 ² Legal and Ethical Environment of Business (F,Sp,Su)	3
<input type="checkbox"/> (formerly MHR 2990)	
<input type="checkbox"/> MHR 3110 (DSS) Managing Organizations and People (F,Sp,Su)	3
<input type="checkbox"/> MIS 2100 Principles of Management Information Systems (F,Sp,Su).	3
<input type="checkbox"/> MIS 2200 (CI) ² Business Communication (F,Sp,Su)	3
<input type="checkbox"/> (formerly BIS 2550)	
<input type="checkbox"/> STAT 2300 (QL) Business Statistics (F,Sp,Su)	4

Agribusiness Major, Agricultural Systems Option Requirements¹ (75 credits) (2.5 GPA)

All courses required for the Agribusiness Major, Agricultural Systems Option should be taken for a letter grade. Students must earn a grade of C or better in each course. Students who complete this option are eligible to earn a dual major in Agricultural Systems Technology. **Note:** Student transcripts and diplomas will list *only* the Agribusiness Major, *not* the Agricultural Systems Option.

Required Courses:

	Credits
<input type="checkbox"/> ACCT 2010 Survey of Accounting I (F,Sp,Su)	3
<input type="checkbox"/> ACCT 2020 Survey of Accounting II (F,Sp,Su).	3
<input type="checkbox"/> ASTE 1010 Introduction to Agricultural Systems Technology (F)	3
<input type="checkbox"/> ASTE 2200 Electricity in Agricultural Systems (Sp)	3
<input type="checkbox"/> ASTE 3030 Metal Welding Processes and Technology in Agriculture (F) (3 cr) or	
<input type="checkbox"/> ASTE 4100 Agricultural Structures and Environment (Sp) (3 cr)	3
<input type="checkbox"/> ASTE 3050 (CI) Technical and Professional Communication Principles in Agriculture (F,Sp).	3

Credits

<input type="checkbox"/> ASTE 3080 Compact Power Units for Agricultural and Turfgrass Applications (Sp) (3 cr) or	
<input type="checkbox"/> ASTE 3200 Irrigation Principles and Practices (Sp) (3 cr)	3
<input type="checkbox"/> ASTE 3090 Computer Applications in Agriculture (F)	3
<input type="checkbox"/> ASTE 3600 (QI) Management of Agricultural Machinery Systems (Sp)	3
<input type="checkbox"/> ASTE 5260 (CI) Environmental Impacts of Agricultural Systems (F)	3
<input type="checkbox"/> ECON 1500 (BAI) Introduction to Economic Institutions, History, and Principles (F,Sp,Su)	3
<input type="checkbox"/> ECON 2010 (BSS) Introduction to Microeconomics (F,Sp,Su)	3
<input type="checkbox"/> ECON 3030 (DSS) Introduction to Agribusiness Marketing (F)	3
<input type="checkbox"/> ECON 3050 (DSS) Introduction to Agribusiness Management (Sp)	3
<input type="checkbox"/> ECON 4010 (DSS) Managerial Economics (F,Sp)	3
<input type="checkbox"/> ECON 4030 (CI) Agribusiness Finance (F)	3
<input type="checkbox"/> ECON 5030 Agricultural Marketing and Price Analysis (F)	3
<input type="checkbox"/> ECON 5050 Farm and Ranch Planning and Analysis (Sp)	3
<input type="checkbox"/> ECON 5350 (CI) Agribusiness, Cooperatives, and Management (Sp)	3
<input type="checkbox"/> MATH 1050 (QL) College Algebra (F,Sp,Su)	4
<input type="checkbox"/> MATH 1100 (QL) Calculus Techniques (F,Sp,Su)	3
<input type="checkbox"/> MHR 2050² Legal and Ethical Environment of Business (F,Sp,Su) (formerly MHR 2990)	3
<input type="checkbox"/> SOIL 4000 Soil and Water Conservation (F)	4
<input type="checkbox"/> STAT 2300 (QL) Business Statistics (F,Sp,Su)	4

Agricultural Economics Major Requirements¹ (65 credits) (2.5 GPA)

All courses required for the Agricultural Economics Major should be taken for a letter grade. Students must earn a grade of C or better in each course.

Required Courses:	Credits
<input type="checkbox"/> ACCT 2010 Survey of Accounting I (F,Sp,Su)	3
<input type="checkbox"/> ACCT 2020 Survey of Accounting II (F,Sp,Su)	3
<input type="checkbox"/> ASTE 3090 Computer Applications in Agriculture (F) (3 cr) or	
<input type="checkbox"/> MIS 2100 Principles of Management Information Systems (F,Sp,Su) (3 cr)	3
<input type="checkbox"/> ASTE 3050 (CI) Technical and Professional Communication Principles in Agriculture (F,Sp) (3 cr) or	
<input type="checkbox"/> MIS 2200 (CI)² Business Communication (F,Sp,Su) (3 cr) (formerly BIS 2550)	3
<input type="checkbox"/> ECON 1500 (BAI) Introduction to Economic Institutions, History, and Principles (F,Sp,Su)	3
<input type="checkbox"/> ECON 2010 (BSS) Introduction to Microeconomics (F,Sp,Su)	3
<input type="checkbox"/> ECON 3030 (DSS) Introduction to Agribusiness Marketing (F)	3
<input type="checkbox"/> ECON 3050 (DSS) Introduction to Agribusiness Management (Sp)	3
<input type="checkbox"/> ECON 3400 (DSS) International Economics for Business (F,Sp,Su)	3
<input type="checkbox"/> ECON 4030 (CI) Agribusiness Finance (F)	3
<input type="checkbox"/> ECON 4310/5310 (QI) Mathematical Methods for Economics (F)	3
<input type="checkbox"/> ECON 5000 Macroeconomics (F)	3
<input type="checkbox"/> ECON 5010 Microeconomics (Sp)	3
<input type="checkbox"/> ECON 5030 Agricultural Marketing and Price Analysis (F)	3
<input type="checkbox"/> ECON 5330 (QI) Applied Econometrics (Sp)	3
<input type="checkbox"/> MATH 1050 (QL) College Algebra (F,Sp,Su)	4
<input type="checkbox"/> MATH 1100 (QL)³ Calculus Techniques (F,Sp,Su)	3
<input type="checkbox"/> STAT 2300 (QL) Business Statistics (F,Sp,Su)	4

Select three of the following courses:

<input type="checkbox"/> ECON 5020 (CI) Economics and Public Policy (Sp)	3
<input type="checkbox"/> ECON 5050 Farm and Ranch Planning and Analysis (Sp)	3
<input type="checkbox"/> ECON 5350 (CI) Agribusiness, Cooperatives, and Management (Sp)	3
<input type="checkbox"/> ECON 5560 Natural Resource and Environmental Economics (Sp)	3
<input type="checkbox"/> ECON 5950 (CI) Senior Project (Sp)	3

International Agribusiness Major Requirements¹ (58 credits) (2.5 GPA)

For this major, students must score three or better on the Federal FSI Test or complete a language minor. All the following courses should be taken for a letter grade. Students must earn a grade of C or better in each course.

Required Courses:	Credits
<input type="checkbox"/> ACCT 2010 Survey of Accounting I (F,Sp,Su)	3
<input type="checkbox"/> ECON 1500 (BAI) Introduction to Economic Institutions, History, and Principles (F,Sp,Su)	3

Credits

<input type="checkbox"/> ECON 2010 (BSS) Introduction to Microeconomics (F,Sp,Su)	3
<input type="checkbox"/> ECON 3030 (DSS) Introduction to Agribusiness Marketing (F)	3
<input type="checkbox"/> ECON 3050 (DSS) Introduction to Agribusiness Management (Sp)	3
<input type="checkbox"/> ECON 3400 (DSS) International Economics for Business (F,Sp,Su)	3
<input type="checkbox"/> ECON 4010 (DSS) Managerial Economics (F,Sp)	3
<input type="checkbox"/> ECON 4020 Macroeconomics for Managers (F,Sp)	3
<input type="checkbox"/> ECON 4030 (CI) Agribusiness Finance (F)	3
<input type="checkbox"/> ECON 5030 Agricultural Marketing and Price Analysis (F)	3
<input type="checkbox"/> ECON 5050 Farm and Ranch Planning and Analysis (Sp) (3 cr) or	
<input type="checkbox"/> ECON 5950 (CI) Senior Project (Sp) (3 cr)	3
<input type="checkbox"/> ECON 5120 Economics of Russia and Eastern Europe, 9th Century to 21st Century (F)	3
<input type="checkbox"/> ECON 5350 (CI) Agribusiness, Cooperatives, and Management (Sp)	3
<input type="checkbox"/> ECON 5400 International and Development Economics (F)	3
<input type="checkbox"/> MATH 1050 (QL) College Algebra (F,Sp,Su)	4
<input type="checkbox"/> MATH 1100 (QL) Calculus Techniques (F,Sp,Su)	3
<input type="checkbox"/> MIS 2100 Principles of Management Information Systems (F,Sp,Su)	3
<input type="checkbox"/> NFS 5510 Food Laws and Regulations (Sp)	2
<input type="checkbox"/> STAT 2300 (QL) Business Statistics (F,Sp,Su)	4

Agribusiness Management Minor Requirements¹ (15 credits)

Required Courses:	Credits
<input type="checkbox"/> ACCT 2010 Survey of Accounting I (F,Sp,Su)	3
<input type="checkbox"/> ECON 1500 (BAI) Introduction to Economic Institutions, History, and Principles (F,Sp,Su)	3
<input type="checkbox"/> ECON 3030 (DSS) Introduction to Agribusiness Marketing (F)	3
<input type="checkbox"/> ECON 3050 (DSS) Introduction to Agribusiness Management (Sp)	3
<input type="checkbox"/> ECON 4030 (CI) Agribusiness Finance (F)	3

Agricultural Economics Minor Requirements¹ (15 credits)

Required Courses:	Credits
<input type="checkbox"/> ECON 1500 (BAI) Introduction to Economic Institutions, History, and Principles (F,Sp,Su)	3
<input type="checkbox"/> ECON 2010 Introduction to Microeconomics (F,Sp,Su)	3
<input type="checkbox"/> ECON 4010 (DSS) Managerial Economics (F,Sp) (3 cr) or	
<input type="checkbox"/> ECON 5010 Microeconomics (Sp) (3 cr)	3
<input type="checkbox"/> ECON 4030 (CI) Agribusiness Finance (F)	3
<input type="checkbox"/> ECON 5030 Agricultural Marketing and Price Analysis (F)	3

¹Students may not obtain more than one major or minor in the Department of Applied Economics.

²Due to House Bill 320 (Common Course Numbering), BIS 2550 was changed to MIS 2200, and MHR 2990 was changed to MHR 2050, effective Summer Semester 2006.

³The regular calculus series (MATH 1210 and 1220) is recommended for students contemplating graduate studies in economics. MATH 1210 will fulfill the MATH 1100 requirement.

Requirement Changes

Graduation requirements shown on this sheet are subject to change. Periodic contact with advisor is recommended.

Materials for Persons with Disabilities

This requirement sheet is available in digital format, recordings, or large print upon request to the USU Disability Resource Center.

For information contact

Applied Economics Department; Business 615; Utah State University; 3530 Old Main Hill; Logan UT 84322-3530; tel. (435) 797-2290; e-mail trina.n@usu.edu; <http://apec.usu.edu/>

Prepared by Registrar's Office, Utah State University