

Bachelor of Science in Agriculture Agribusiness Economics

Career Outlook

Most jobs in agribusiness involve working in some type of agricultural related business. Some examples of agribusiness related firms include farm supply and equipment stores, credit and lending institutions, grain companies, livestock processing firms, agricultural chemical sales, governmental support agencies and food manufacturing corporations.

Agribusiness Economics is designed to help producers apply sound economic and management principles to the use of land, labor and capital in order to improve production and distribution of agricultural commodities and products.

Students interested in agribusiness come to Murray State University from a variety of rural and urban backgrounds. They have a wide range of interests and career objectives, but they usually like to solve problems dealing with people and resources. Agribusiness Economics is a popular area of emphasis because it prepares students for a broad range of careers or graduate school.

Courses of Study

Students in agribusiness receive training in production agriculture courses such as animal science, crop science and mechanized agriculture, along with their specialty agribusiness courses. Some examples of Agribusiness Economics courses taught in the Hutson School of Agriculture are Agribusiness Management, Agricultural Economics, Agricultural Business Records, Agricultural Finance, Farm Management, Agricultural Marketing and Agricultural Policy. Students also take courses in computer applications, general accounting, economics and management. There are four emphasis areas available to allow students an opportunity for further specialization.

Facilities

Hutson School of Agriculture facilities include classrooms, laboratories, a state-of-the-art computer lab and offices housed in the south wing of the Oakley Applied Science Building, the A. Carman Animal Health Technology Center and the E.B. Howton Agricultural Engineering Building.

There are four farm complexes located within a mile of the main campus. These complexes include three greenhouses, agronomy plots, the Wm. Bill Cherry Agricultural Exposition Center, the Equine Center, rodeo facilities and the Agricultural Mechanization Instructional Facility/Farm Shop. These facilities are utilized for classes, contests, field days, judging contests, clinics and numerous agricultural activities.

Organizations

Agribusiness Club

- Supports intellectual growth and development of agribusiness students.
- Encourages new interests and networking among students.
- Provides students with opportunities to hear agribusiness speakers and tour agricultural businesses operating in the region.

For More Information Contact

Recruitment Coordinator
Murray State University
Hutson School of Agriculture
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Visit Our Website
www.murraystate.edu/agr

**MURRAY STATE UNIVERSITY
HUTSON SCHOOL OF AGRICULTURE
AGRIBUSINESS CURRICULUM
2017-2018 CATALOG**

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

| Dept. | No. | Description | Hrs. | Gr. |
|-------------------------------------------------------------------|-----|-------------------------------------|------|------------------|
| ORAL AND WRITTEN COMMUNICATION | | | | 7 HRS |
| ENG | 105 | Critical Reading, Writing & Inquiry | 4 | |
| COM | 161 | Intro. to Public Speaking | 3 | |
| SCI. INQUIRY, METHODS, QUANT. SKILLS | | | | 11-13 HRS |
| MAT | 140 | College Algebra OR | 4 | |
| MAT | 220 | Business Calculus OR | 3 | |
| MAT | 250 | Calculus & Analytic Geometry | 5 | |
| CHE | 105 | Intro. to Chemistry I | 4 | |
| BIO | 101 | Biological Concepts | 4 | |
| WORLD'S HISTORICAL LITERARY & PHILOSOPHICAL TRADITIONS | | | | 6 HRS |
| CIV | 201 | World Civilizations I | 3 | |
| HUM | 211 | Western Humanities Tradition | 3 | |
| GLOBAL AWARENESS AND CULT. DIVERSITY | | | | 3 HRS |
| Select One of the Following Courses | | | | |
| AGR | 200 | International Ag Experience | 3 | |
| AGR | 353 | World, Food & Ag | 3 | |
| SPA | 106 | Spanish for the Ag Industry | 3 | |
| SOCIAL AND SELF AWARENESS | | | | 6 HRS |
| ECO | 230 | Principles of Macroeconomics | 3 | |
| COM | 260 | Communication Ethics OR | 3 | |
| POL | 140 | American National Gov | 3 | |
| UNIVERSITY STUDIES ELECTIVES | | | | 6 HRS |
| ECO | 231 | Principles of Microeconomics | 3 | |
| FIN | 230 | Personal Finance | 3 | |
| 39-41 HOURS OF UNIVERSITY STUDIES | | | | |

AGRICULTURE CURRICULUM COURSES

| Dept. | No. | Description | Hrs. | Gr. |
|---------------------------------|------|------------------------------------|------|---------------|
| AGRICULTURE CORE COURSES | | | | 26 HRS |
| AGR | 100T | Transitions (Freshmen Orientation) | 1 | |
| AGR | 100 | Animal Science | 3 | |
| AGR | 130 | Agricultural Economics | 3 | |
| AGR | 133 | Field Applications for Ag | 2 | |
| AGR | 160 | Horticultural Science OR | 3 | |
| AGR | 240 | Crop Science | 3 | |
| AGR | 170 | Intro. to Ag Systems Tech | 3 | |
| AGR | 199 | Contemporary Issues in Ag | 3 | |
| AGR | 339 | Computer Apps for Ag | 3 | |
| AGR | 345 | Soil Science | 3 | |
| AGR | 399 | Prof Dev Seminar I OR | 1 | |
| AGR | 499 | Lead/Prof Dev Seminar II | 1 | |

AGRICULTURE CURRICULUM COURSES CONTINUED

| Dept. | No. | Description | Hrs. | Gr. |
|----------------------------------------------|-----|-------------------------------------------|------|---------------------|
| AGR | 599 | Ag Senior Capstone | 1 | |
| AGRIBUSINESS OPTION COURSES | | | | 24-25 HRS |
| ACC | 200 | Accounting I | 3 | |
| AGR | 328 | Stats for Food & Ag OR | 3 | |
| STA | 135 | Intro to Probability & Stats | 4 | |
| AGR | 330 | Principles of Agribusiness Management | 3 | |
| AGR | 336 | Ag Commodity Marketing | 3 | |
| AGR | 337 | Ag Sales & Merchandising | 3 | |
| AGR | 433 | Farm Management | 3 | |
| AGR | 531 | Ag Finance | 3 | |
| AGR | 552 | Ag Policy | 3 | |
| REQUIRED SUPPORT COURSES | | | | |
| SELECT ONE EMPHASIS LISTED BELOW | | | | |
| CROP PRODUCTION EMPHASIS | | | | 15 HRS |
| AGR | 547 | Crop Management | 3 | |
| AGR | 549 | Weeds & Their Control | 3 | |
| Select Three of the Following Courses | | | | |
| AGR | 455 | Soil Management | 3 | |
| AGR | 470 | Soil & Water Engineering | 3 | |
| AGR | 471 | App. In Precision Ag | 3 | |
| AGR | 542 | Plant Breeding | 3 | |
| AGR | 546 | Integrated Pest Mgt | 3 | |
| AGR | 555 | Adv. Soil Fertility | 3 | |
| ENTREPRENEURSHIP EMPHASIS | | | | 15 HRS |
| AGR | 334 | Entrepreneurship in Ag Bus | 3 | |
| MGT | 350 | Fund. of Management | 3 | |
| MGT | 358 | Entrepreneurial Business Plan Development | 3 | |
| | | Upper-level advisor approved electives | 6 | |
| GLOBAL EMPHASIS | | | | 15 HRS |
| MKT | 360 | Marketing | 3 | |
| MKT | 568 | Global Marketing Management | 3 | |
| Choose three of the following | | | | |
| AGR | 353 | World, Food & Ag | 3 | |
| AGR | 529 | International Trade & Ag | 3 | |
| AGR | 533 | Seminar in International Ag Systems | 3 | |
| | | Foreign Language Course | 3 | |
| MARKETING/MANAGEMENT EMPHASIS | | | | 15 HRS |
| MGT | 350 | Fund. of Management | 3 | |
| MKT | 360 | Marketing | 3 | |
| FIN | 330 | Principles of Finance | 3 | |
| | | Upper-level advisor approved electives | 6 | |
| UNRESTRICTED ELECTIVES | | | | 13 to 16 HRS |