

DIVISION OF AGRICULTURE

Location: Agriculture Building (2)
Campus Telephone: 460-1091
Fax: 460-1415
Mailing Address: P.O. Box 3508

FACULTY/MISSION

Professors: Colburn (Chair), and Kirst; Associate Professor: Francis; Assistant Professors: Bryant and Stark; Adjunct Faculty Allen, Coker, Cooper, McConnell, Shelby, Shockey, Webster, and Wilson.

It is the mission of the Division of Agriculture to provide educational programs on both the theory and practice of agricultural science enabling the graduate to compete within and contribute to this diverse field at the producer, industry, and graduate student level. This mission is accomplished through degree options in **Agribusiness, Animal Science, Plant and Soil Science, and General Agriculture**. An agriculture minor is also offered. Those desiring agricultural degree programs not offered at the University of Arkansas at Monticello are provided introductory course work and advising designed to facilitate transfer to another institution. In addition, students desiring to enter veterinary school are provided course work and advising aimed at meeting the requirements of institutions offering a degree in veterinary medicine.

COOPERATIVE AGREEMENTS

Agricultural Education

Agreements with the University of Arkansas, Fayetteville (UAF) and Southern Arkansas University (SAU), allow students who wish to become vocational agriculture teachers to complete approximately 60 hours at the University of Arkansas at Monticello and transfer to UAF or SAU. Students must have a 2.50 cumulative grade point average to be accepted into the teacher education program. Specifics regarding these additional institutional requirements are maintained in the Division of Agriculture offices and will be available upon request to interested students.

Farm Management

By agreement with the University of Arkansas, Fayetteville (UAF), students who wish to become Farm Managers may complete approximately 60 hours of the program at the University of Arkansas at Monticello and transfer to UAF where they complete an additional 66 hours. They will receive a Bachelor of Science in Agriculture from UAF with a major in Agronomy and a Farm Management emphasis. A unique feature of the program is the internship in farm management which occurs in the summer after the sophomore or junior year. Interested students may obtain additional information concerning the program in Division of Agriculture offices.

Veterinary Medicine

Students are provided course work and advising to meet the entrance requirements of the veterinary school of their choice and may simultaneously complete the requirements for a Bachelor of Science degree in agriculture or biology.

Other Programs

Those desiring an agriculture degree program not offered at the University of Arkansas at Monticello are provided course work and advising designed to facilitate transfer to another institution after one to two years at the University of Arkansas at Monticello.

Major and Minor Requirements

All baccalaureate degrees require at least 124 hours of college credit, courses at the 1000-level or above. These courses must include the General Education requirements found on page #@ and at least 40 hours of 3000-4000 level courses. The following courses are required for this major.

MAJOR COURSE REQUIREMENTS FOR ALL OPTIONS: 21 HOURS

ANSC 1003 Prin. of Animal Science
AGRO 1033 Prin. of Field Crops
AGRI 1101 Agriculture Orientation
AGRO 2244 Soils
AGEC 2273 Agricultural Economics
ENTO 2283 Applied Entomology
AGRI 4771 Seminar

One of the following courses:

AGEC 4623 Farm Management
AGEC 4803 Agribusiness Firm Management

Agri-Business Option

OPTION & SUPPORTIVE REQUIREMENTS: 73/74 HOURS

CHEM 1103 General Chemistry I
CHEM 1113 General Chemistry II
CHEM 1121 General Chemistry I Lab
CHEM 1131 General Chemistry II Lab
MATH 1043 College Algebra

One of the following:

BIOL 1153 General Zoology AND BIOL 1161 General Zoology Lab
or
BIOL 1144 General Botany
BIOL 2063 Biological Science
BIOL 2071 Biological Science lab
CIS 2223 Microcomputer Applications
ECON 2203 Principles of Economics
ACC 2213 Prin. of Accounting
ENGL 3253 Technical Writing
G B 3533 Legal Environ. Business
AGEC 4683 Commodity Marketing
AGEC 4713 Agricultural Finance

One of the following:

AGEC 4703 Contract Marketing & Futures Trading
AGEC 4813 Agricultural Price Analysis

Three of the following:

AGEC 4613 Agricultural Policy
AGEC 4823 Economics of Environ. Management
AGEC 4803 Agribusiness Firm Management*
AGEC 4623 Farm Management*

(*Cannot also satisfy core requirement)

One of the following:

FIN 3413 General Insurance
MKT 3443 Selling & Sales Adm.
MGMT 3473 Prin. of Management
FIN 3483 Real Estate Principles
MKT 3403 Prin. of Marketing

One of the following:

ANSC 2213 Feeds and Feeding
AGRO 2233 Weed I.D.
AGEN 2263 Soil & Water Conservation
AGRO 2053 Applied Plant Pathology
HORT 2443 Principles of Horticulture

One of the following:

G B 2213 Business Statistics I
PSY 2203 Statistical Methods

Two of the following:

ANSC 3463 Poultry Production
ANSC 3473 Beef Production
ANSC 3493 Swine Production
ANSC 3314 Aquaculture

Two of the following:

AGRO 3453 Forages
AGRO 3503 Cereal Crops
AGRO 3513 Fiber & Oilseed Crops
HORT 4663 Vegetable Crops

Animal Science Option

OPTION & SUPPORTIVE REQUIREMENTS: 68 HOURS

CHEM 1103 General Chemistry I
CHEM 1113 General Chemistry II
CHEM 1121 General Chemistry I Lab
CHEM 1131 General Chemistry II Lab
CIS 2223 Microcomputer Applications
MATH 1043 College Algebra
BIOL 1153 General Zoology
BIOL 1161 General Zoology Lab
BIOL 2063 Biological Science
BIOL 2071 Biological Science Lab
CHEM 2203 Intro Organic & Biochemistry
ANSC 2213 Feeds & Feeding
VTSC 2223 Veterinary Biology
ENGL 3253 Technical Writing
PSY 2203 Statistical Methods
ANSC 3413 Livestock Breeding

One of the following:

AGRO 3453 Forages
AGRO 2233 Weed I.D.

Three of the following:

ANSC 3463 Poultry Production
ANSC 3473 Beef Production
ANSC 3493 Swine Production
ANSC 3314 Aquaculture
BIOL 3553 Microbiology
BIOL 3561 Microbiology Lab
ANSC 4633 Advanced Animal Nutrition
VTSC 4643 Diseases of Domesticated Animals
ANSC 4653 Reproduction of Farm Animals

One of the following:

AGEC 4703 Contract Marketing & Futures Trading
AGEC 4683 Commodity Marketing

Plant & Soil Science Option

OPTION & SUPPORTIVE REQUIREMENTS: 71/72 HOURS

CHEM 1103 General Chemistry I

CHEM 1113 General Chemistry II
CHEM 1121 General Chemistry I Lab
CHEM 1131 General Chemistry II Lab
BIOL 2063 Biological Science
BIOL 2071 Biological Science Lab
ESCI 1063 Intro. Earth Science
BIOL 1144 General Botany
AGRO 2053 Applied Plant Pathology
CIS 2223 Microcomputer Applications
MATH 1043 College Algebra
CHEM 2203 Intro. Organic & Biochemistry
PSY 2203 Statistical Methods
ENGL 3253 Technical Writing

One of the following:

BIOL 3434 Regional Flora
BIOL 3463 Plant Physiology
BIOL 3493 Environmental Science

HORT 2443 Principles of Horticulture

One of the following:

AGRO 2233 Weed I.D.
AGEN 2263 Soil & Water Conservation
ANSC 2213 Feeds & Feeding

AGRO 3453 Forages
AGRO 3503 Cereal Crops
AGRO 3513 Fiber & Oilseed Crops
BIOL 3553 Microbiology
BIOL 3561 Microbiology Lab
AGEC 4613 Agricultural Policy
HORT 4663 Vegetable Crops

One of the following:

AGEC 4683 Commodity Marketing
AGEC 4703 Contract Marketing & Futures Trading

One of the following:

AGRO 4743 Soil Fertility
AGRO 4753 Crop Physiology

General Agriculture Option

OPTION & SUPPORTIVE COURSE REQUIREMENTS: 76/77 HOURS

CHEM 1103 General Chemistry I
CHEM 1113 General Chemistry II
CHEM 1121 General Chemistry I Lab
CHEM 1131 General Chemistry II Lab

One of the following:

BIOL 1153 General Zoology AND BIOL 1161 General Zoology Lab
or

BIOL 1144 General Botany

PSY 2203 Statistical Methods
BIOL 2063 Biological Science
BIOL 2071 Biological Science Lab
ENGL 3253 Technical Writing
CIS 2223 Microcomputer Applications
MATH 1043 College Algebra

Four of the following:

ANSC 2213 Feeds & Feeding
AGRO 2233 Weed I.D.
AGEN 2263 Soil & Water Conservation
HORT 2443 Principles of Horticulture
VTSC 2223 Veterinary Biology
AGRO 2053 Applied Plant Pathology

Four of the following:

AGRO 3453 Forages
AGRO 3503 Cereal Crops
HORT 4663 Vegetable Crops
AGRO 3513 Fiber & Oilseed Crops
AGRO 4743 Soil Fertility
AGRO 4753 Crop Physiology

Four of the following:

ANSC 3314 Aquaculture
ANSC 3463 Poultry Production
ANSC 3473 Beef Production
ANSC 3493 Swine Production
ANSC 4633 Advanced Animal Nutrition
ANSC 4653 Reproduction of Farm Animals

Four of the following:

AGEC 4683 Commodity Marketing
AGEC 4703 Contract Marketing & Futures Trading
AGEC 4713 Agricultural Finance
AGEC 4613 Agricultural Policy
AGEC 4813 Agricultural Price Analysis
AGEC 4823 Economics of Environmental Mgmt
AGEC 4803 Agribusiness Firm Management

Agriculture Minor 25/26 hours

AGEC 2273 Agricultural Economics
AGRO 1033 Principles of Field Crops
AGRO 2244 Soils
ANSC 1003 Principles of Animal Science
HORT 2443 Principles of Horticulture

One of the following:

AGEN 2263 Soil and Water Conservation
AGRO 2053 Applied Plant Pathology
ANSC 2213 Feeds and Feeding
ENTO 2283 Applied Entomology

One of the following:

AGRO 3453 Forage Crops
AGRO 3503 Cereal Crops
AGRO 3513 Fiber and Oilseed Crops
HORT 4663 Vegetable Crops

One of the following:

ANSC 3314 Aquaculture
ANSC 3463 Poultry Production
ANSC 3473 Beef Production
ANSC 3493 Swine Production