

AGRICULTURE & TOURISM DEPARTMENT

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Agriculture programs of study are as follows:

1. A four-year curriculum in Agriculture Business (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-business-degrees/>), with animal science, horticulture, and pre-veterinary medicine options, leading to a bachelor of science degree.
2. Pre-Veterinary Medicine (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-business-bs-pre-veterinary-medicine/>) - Through proper advising and taking courses in proper sequence, students can meet the minimum course requirements for entrance into Louisiana State University, University of Missouri, Oklahoma State University, Tuskegee Institute, and other institutions offering the D.V.M degree in two years.
3. Agricultural Education (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agricultural-education-teacher-licensure/>) - Students interested in teaching agriculture in secondary schools should follow the curriculum set forth in this catalog under the agricultural education for teacher licensure curricula in the College of Education.
4. Minor in Agriculture (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-minor/>)

The objectives of the department are to:

1. Provide a balanced educational program with relatively broad interdisciplinary training as opposed to narrow specialization, thus preparing the student for success in his/her chosen field and in his/her citizenship responsibilities.
2. Serve and assist the student in educational and personal problems through active faculty counseling.
3. Assist the student in development and improvement of leadership abilities through encouragement of active participation in activities of the Ag Ambassadors, Agri Club, Collegiate FFA, FFA Day and Pre-Veterinary Club and other extracurricular activities.

Trends in occupations related to agriculture are shifting from production to agri-business services such as management, processing, distribution, and marketing. This creates a need for personnel with a broad background in these areas of training. Our systems concept is geared to integration of disciplines to better prepare graduates for present day needs.

Attractive career opportunities exist in agricultural business firms, banks and other financial agencies, marketing, food processing, extension, soil conservation, forestry, farm and agri-business management, and sales and distribution firms.

The curricula that follow represent the program of study for the four-year degree in agri-business, including the animal science, feed mill

management, horticulture, public relations, and pre-veterinary medicine options. Students enrolled in programs other than agri-business may want to tailor their curriculum to best meet their individual needs.

Hospitality Administration Programs Major Options

- Event Management
- Foodservice Management
- Lodging Management

Minor

- Hospitality Administration

Certificates

- Certificate of Proficiency Casino and Gaming Industry
- Technical Certificate in Casino and Gaming Industry Management

The Hospitality Administration degree program is designed to prepare students for management positions within the hospitality industry such as lodging, resorts, conference, convention and visitor centers, restaurants, contract services, theme parks and travel and tourism related operations.

The course work concentrates on general business, management, finance, marketing, accounting, law, computer science, and specific courses related to hospitality management. The entire curriculum features numerous opportunities for the practical application of problem-solving skills and creativity. The Hospitality Administration Program is accredited by the Accreditation Commission for Programs in Hospitality Administration.

Vision Statement

The program will develop leaders in the Hospitality profession.

Core Values

- Community Service
- Commitment to personal and professional development
- Embrace diversity
- Lifelong learning
- Work hard/Play hard
- Communication
- Harmony

Mission Statement

The mission of the Hospitality Administration Program is to provide quality education in hospitality administration, build a foundation for professional growth and development and encourage lifelong learning.

Recreation and Park Programs

The Bachelor of Science in Recreation and Park Administration offers four emphases of professional preparation:

- Interpretation
- Natural Resource
- Recreation Sport Management
- Therapeutic Recreation

Minor

- Recreation and Park Administration

This program is designed to prepare students for management careers in private and public recreation agencies or park systems. A broad background in the behavioral and natural sciences is required with major emphasis on resource management and the delivery of leisure services to diverse populations. Specialized course work in biological sciences and business management aid in natural resource decision making. This provides a base for professional courses in planning, design, and operation of park and recreation facilities. A career in recreation sport management, park administration, therapeutic recreation, or interpretation requires a basic understanding of human behavior and the challenges of contemporary society. Due to the multidisciplinary nature of the career field, a student is required to choose courses from several related fields, based on professional interest. A comprehensive general education is complemented with a core of professional courses.

The Recreation and Park Administration major provides specialized education that prepares students for supervisory and administrative positions in federal, state, and local recreation and park agencies as well as commercial recreation and tourism organizations. This program is accredited by the Council on Accreditation of Parks, Recreation, Tourism and Related Professions (COAPRT), sponsored by the National Recreation and Park Association.

Vision Statement

The program will produce leaders in Recreation and Park Administration.

Core Values

The Recreation and Park Administration Program is committed to:

- Lifelong learning
- Service to community
- Personal and professional development
- Diversity of experience
- Environmental stewardship
- Interpersonal communication
- Healthy lifestyles

Mission Statement

The mission of the Recreation and Park Administration Program is to educate Recreation and Park professionals for self, community and society.

Programs

- Agriculture Business Degrees (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-business-degrees/>)
 - Agriculture Business, Bachelor of Science - Agriculture Business (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-business-degrees/agriculture-business-bs/>)
 - Agriculture Business, Bachelor of Science - Animal Science (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-business-degrees/agriculture-business-bs-animal-science/>)
 - Agriculture Business, Bachelor of Science - Horticulture (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-business-degrees/agriculture-business-bs-horticulture/>)

- Agriculture Business, Bachelor of Science - Pre-Veterinary Medicine (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-business-bs-pre-veterinary-medicine/>)
- Agriculture Minor (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/agriculture-minor/>)
- Casino and Gaming Industry Management, Technical Certificate (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/casino-gaming-industry-management-technical-certificate/>)
- Casino and Gaming Industry, Certificate of Proficiency (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/casino-gaming-industry-cp/>)
- Hospitality Administration Minor (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/hospitality-administration-minor/>)
- Tourism Degrees (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/tourism/>)
 - Tourism Therapeutic Recreation Emphasis, Bachelor of Science (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/tourism/tourism-therapeutic-recreation-emphasis-bs/>)
 - Tourism, Bachelor of Science (<https://catalog.atu.edu/undergraduate/programs/business-economic-development/agriculture-tourism/tourism/tourism-bs/>)

Courses

Agriculture Animal Science

AGAS 1001 Principles of Animal Science Laboratory

Study of management and the facilities used in the production of beef cattle, swine, sheep, and horses. Optional for others. Laboratory two hours.

Note: Laboratory mandatory for all animal science majors.

AGAS 1014 Principles of Animal Science

A study of the American livestock industry and the scientific principles underlying the management and production of livestock and poultry.

Lecture three hours, laboratory two hours. \$50 laboratory fee.

AGAS 2014 Principles of Meat Science

Prerequisite: AGAS 1014 or consent of instructor.

Integrated studies of the meat animal processing sequence regarding the production of meat-type animals and the science and technology of their conversion to human food. Lecture meets three days per week for fifty minutes and Lab meets one day per week for 110 minutes. \$50 laboratory fee.

AGAS 2084 Feeds and Feeding

Principles of animal nutrition, characteristics of feed ingredients, feeding strategies and formulation of rations for farm animals. Lecture three hours, laboratory two hours. \$50 laboratory fee.

AGAS 3004 Reproduction in Farm Animals

Prerequisite: AGAS 1014 or consent of instructor.

Anatomy and physiology of the reproductive system of farm animals; to include a study of the causes of reproductive failure, management to improve reproductive efficiency, and practical training in pregnancy testing and artificial insemination of cattle. Lecture three hours, laboratory two hours. \$50 laboratory fee.

AGAS 3014 Beef Cattle Management

Prerequisite: AGAS 1014 and AGAS 2084 or consent of instructor.
A study of practices in management of beef cattle including breeding, feeding, care and marketing, with emphasis on production in the South. Lecture three hours, laboratory two hours. \$50 laboratory fee.

AGAS 3021 Livestock Selection and Evaluation

Offered: Fall.
Prerequisite: AGAS 1014 and AGAS 2084, or consent of instructor.
This course is offered as a study in livestock selection according to desirable characteristics for cattle, swine, sheep, goats, and poultry. Evaluation criteria are presented according to industry standards for species' breeds and expected market production. Students will be expected to develop safe handling practices with live animals. \$20 laboratory fee.

AGAS 3104 Swine Management

Prerequisite: AGAS 1014 and AGAS 2084 or consent of instructor.
A study of current practices during the farrowing, growing, and finishing phases of swine production. Topics covered include housing, feeding, scheduling, reproduction, disease control, and waste disposal. Lecture three hours, laboratory two hours. \$50 laboratory fee.

AGAS 3113 Light Horse Production

Prerequisite: AGAS 1014 or consent of instructor.
A study of breeding, feeding, management, and disease control practices in light horse production.

AGAS 3303 Poultry Management

Prerequisite: AGAS 1014 or consent of instructor.
A study of the management practices involved in the various phases of the production of eggs, broilers, turkeys, and breeders.

AGAS 3343 Regulatory Affairs of the Food Industry

Prerequisite: AGAS 1014 and junior standing or consent of instructor.
Regulatory Affairs of the Food Industry course is designed to offer a combination of theory and practical training for students in the field of food regulatory affairs. In this field, rapidly evolving regulations and expansion of international markets create an increasing need to train students in the implementation of regulatory guidelines, industry's compliance with regulations, and the regulatory strategies of companies looking to create a sustainable competitive advantage in the food industry.

AGAS 3933 Animal Breeding and Genetics

Offered: Fall Prerequisites: AGAS 3004 and BIOL 1014 or higher level biology with laboratory, or consent of instructor.
Basic principles of Mendelian and quantitative genetics as they apply to the improvement of farm animals. Selection, inbreeding, crossbreeding and their application to the improvement of beef cattle, dairy cattle, swine, horses and poultry as well as the genetic control of coloration and defects in cattle and horses are included.

Agriculture Business

AGBU 1001 Agriculture Orientation

Agriculture Orientation is a freshman course with attention given to sharing of possible solutions to individual problems. Learning experiences also include exploration of anticipated collegiate experiences for departmental majors in addition to post-graduation opportunities. Student and faculty interaction is stressed.

AGBU 1013 Principles of Agricultural Business

Overview of the economic theories associated with the production, consumption, and marketing of agricultural products, and with the policies designed to achieve efficiency and welfare goals in agriculture.

AGBU 2063 Principles of Agricultural Macroeconomics

Prerequisite: AGBU 1013.
A study of macroeconomic variables that affect agriculture with emphasis on consumption, unemployment, inflation, government spending and taxes, investments, national income, and money and banking.

AGBU 2073 Principles of Agricultural Microeconomics

Prerequisite: AGBU 1013.
A study of microeconomics variables that affect agriculture with emphasis on price determination, production, costs, income distribution, and perfect and imperfect competition.

AGBU 2103 A Global Perspective: Resources, Food, and Society

Co-requisite: ENGL 1013 and COMM 2003 or COMM 2173.
Prerequisites or A study of food and fiber production and distribution problems, policies, and processes analyzed within social, economic, political, and cultural contexts. The course will address issues related to feeding a growing world population.

AGBU 2991 Special Problems in Agriculture

Prerequisite: Permission of the department.
One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.
Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 2992 Special Problems in Agriculture

Prerequisite: Permission of the department.
One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.
Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 2993 Special Problems in Agriculture

Prerequisite: Permission of the department.
One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.
Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 2994 Special Problems in Agriculture

Prerequisite: Permission of the department.
One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.
Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 3013 Principles of Farm Management

Prerequisite: AGBU 1013, junior standing, or consent of instructor.
A study of the principles of agribusiness including ways of doing business in a free market economic system, entrepreneurship, business start-up, business plans, management, facility needs, legal aspects and tax responsibilities, personnel, and ethics.

AGBU 3033 Legal Environment of Agriculture Business

Offered: Fall.

A study of federal, state, and local legal systems as they pertain to the agricultural industry; topics of study include property law, contracts, torts, business organizations, employment law, environmental regulations, estate planning, and administrative law.

AGBU 3213 Career Development in Agriculture

Prerequisite: Junior standing: 60 hours or more.

Study of the professional opportunities and responsibilities associated with agricultural business careers. Interaction with professionals in the chosen career along with development and improvement of written communication, oral communication, and leadership skills. \$50 laboratory fee.

AGBU 3233 International Agricultural Trade

Prerequisite: AGBU or ECON 2003 and AGBU 2073 or ECON 2013, or consent of instructor.

This course is an examination of the economic forces associated with trade in food and agricultural products between the U.S. and other countries. Economic principles and analytical techniques are applied to international trade and multi-national markets.

AGBU 3993 Internship I in Agriculture

Prerequisite: Approval of the department head, junior standing, and minimum of 2.5 overall gpa.

A supervised, practical experience providing undergraduate agribusiness majors with a hands-on, professional experience in a position relating to an area of career interest. The student will work in a local cooperating agribusiness establishment under the supervision of a member of management of that firm. A minimum of 300 clock hours of supervision, maintain a weekly internship log and prepare a final report. \$100 lab fee. Note: Only three hours of Internship I in Agriculture may be used to satisfy the curriculum requirements for a B.S. degree in Agribusiness.

AGBU 1001 Agriculture Orientation

Agriculture Orientation is a freshman course with attention given to sharing of possible solutions to individual problems. Learning experiences also include exploration of anticipated collegiate experiences for departmental majors in addition to post-graduation opportunities. Student and faculty interaction is stressed.

AGBU 1013 Principles of Agricultural Business

Overview of the economic theories associated with the production, consumption, and marketing of agricultural products, and with the policies designed to achieve efficiency and welfare goals in agriculture.

AGBU 2063 Principles of Agricultural Macroeconomics

Prerequisite: AGBU 1013.

A study of macroeconomic variables that affect agriculture with emphasis on consumption, unemployment, inflation, government spending and taxes, investments, national income, and money and banking.

AGBU 2073 Principles of Agricultural Microeconomics

Prerequisite: AGBU 1013.

A study of microeconomics variables that affect agriculture with emphasis on price determination, production, costs, income distribution, and perfect and imperfect competition.

AGBU 2103 A Global Perspective: Resources, Food, and Society

Co-requisite: ENGL 1013 and COMM 2003 or COMM 2173.

Prerequisites or A study of food and fiber production and distribution problems, policies, and processes analyzed within social, economic, political, and cultural contexts. The course will address issues related to feeding a growing world population.

AGBU 2991 Special Problems in Agriculture

Prerequisite: Permission of the department.

One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.

Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 2992 Special Problems in Agriculture

Prerequisite: Permission of the department.

One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.

Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

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Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 2994 Special Problems in Agriculture

Prerequisite: Permission of the department.

One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.

Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 3013 Principles of Farm Management

Prerequisite: AGBU 1013, junior standing, or consent of instructor.

A study of the principles of agribusiness including ways of doing business in a free market economic system, entrepreneurship, business start-up, business plans, management, facility needs, legal aspects and tax responsibilities, personnel, and ethics.

AGBU 3033 Legal Environment of Agriculture Business

Offered: Fall.

A study of federal, state, and local legal systems as they pertain to the agricultural industry; topics of study include property law, contracts, torts, business organizations, employment law, environmental regulations, estate planning, and administrative law.

AGBU 3213 Career Development in Agriculture

Prerequisite: Junior standing: 60 hours or more.

Study of the professional opportunities and responsibilities associated with agricultural business careers. Interaction with professionals in the chosen career along with development and improvement of written communication, oral communication, and leadership skills. \$50 laboratory fee.

AGBU 3233 International Agricultural Trade

Prerequisite: AGBU or ECON 2003 and AGBU 2073 or ECON 2013, or consent of instructor.

This course is an examination of the economic forces associated with trade in food and agricultural products between the U.S. and other countries. Economic principles and analytical techniques are applied to international trade and multi-national markets.

AGBU 3993 Internship I in Agriculture

Prerequisite: Approval of the department head, junior standing, and minimum of 2.5 overall gpa.

A supervised, practical experience providing undergraduate agribusiness majors with a hands-on, professional experience in a position relating to an area of career interest. The student will work in a local cooperating agribusiness establishment under the supervision of a member of management of that firm. A minimum of 300 clock hours of supervision, maintain a weekly internship log and prepare a final report. \$100 lab fee. Note: Only three hours of Internship I in Agriculture may be used to satisfy the curriculum requirements for a B.S. degree in Agribusiness.

AGBU 4003 Agri-Business Management

Prerequisite: AGBU 1013, Junior standing, or consent of the instructor.

A study of the managerial practices and procedures that apply to all agriculture businesses. Emphasis is placed on the use and application of management and economic principles in decision making directed toward profit maximization.

AGBU 4013 Agricultural Marketing

Prerequisite: AGBU 2063 or ECON 2003 and AGBU 2073 or ECON 2013, or consent of instructor.

A study of marketing functions, practice, organizational structure, legal aspects of agricultural marketing in relation to marketing policies, analysis of consumer behavior, and market demand.

AGBU 4023 Agricultural Finance

Prerequisite: AGBU 2063 or ECON 2003 and AGBU 2073 or ECON 2013 and ACCT 2033 or 2004.

Designed as an economic and accounting study of the processes in agricultural businesses. Manufacturing costs, income tax, managerial reports, cash flow, and statement analysis of agricultural businesses along with capital allocation and the purpose and efficiency of agricultural lending institutions are analyzed.

AGBU 4033 Agricultural Policy

Prerequisite: AGBU 2063 or ECON 2003 and AGBU 2073 or ECON 2013, or consent of instructor.

Designed as an introduction to historical and current federal governmental legislation in agriculture. Specific emphasis is placed on the logic, beliefs, attitudes and values of the American people coincident with the social, economic, and political environment, and on evaluating the objectives, means and the observed results through the criteria of resource allocation and income distribution in the agricultural sector of the economy.

AGBU 4043 Appraisal of Farm Real Estate

Prerequisite: AGBU 2063 or ECON 2003 and AGBU 2073 or ECON 2013, or consent of instructor.

A practical application of principles and practices in farm real estate evaluation, emphasizing the processes of value development and uses.

AGBU 4063 Agricultural Investments

Prerequisite: AGBU 2063 or ECON 2003 and AGBU 2073 or ECON 2013, or consent of instructor.

An in-depth analysis of investment opportunities available in the field of agriculture. Emphasis will be on investment in stocks, bonds, agricultural commodities, futures hedging, and in international currencies. Students will be required to create and maintain a diversified investment portfolio with weekly monitoring of their chosen investments.

AGBU 4073 Commodity Risk and Futures

Prerequisite: AGBU 2063 or ECON 2003 and AGBU 2073 or ECON 2013, or consent of instructor.

An introductory study of grain and livestock futures markets, options, and their relationship to the cash market.

AGBU 4153 Computers in Agriculture

Prerequisite: AGBU 2063 or ECON 2003 and AGBU 2073 or ECON 2013, and COMS 1003 or consent of instructor.

An introduction to the use of Microsoft Office, especially Excel, and the different price information sources in the agriculture field.

AGBU 4951 Undergraduate Research in Agricultural Business and Economics

Offered: On demand.

Prerequisite: Departmental approval.

Advanced students carry out independent research activity relating to a significant problem in major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

AGBU 4952 Undergraduate Research in Agricultural Business and Economics

Offered: On demand.

Prerequisite: Departmental approval.

Advanced students carry out independent research activity relating to a significant problem in major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

AGBU 4953 Undergraduate Research in Agricultural Business and Economics

Offered: On demand.

Prerequisite: Departmental approval.

Advanced students carry out independent research activity relating to a significant problem in major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

AGBU 4954 Undergraduate Research in Agricultural Business and Economics

Offered: On demand.

Prerequisite: Departmental approval.

Advanced students carry out independent research activity relating to a significant problem in major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

AGBU 4973 Senior Seminar in Agriculture Business

Prerequisite: Senior standing.

This seminar is designed as a capstone course for the Agriculture Business degree. In the capstone experience, students are coached/coaxed to bridge the gap between the structured learning of traditional classroom and the dynamic agricultural business environment - which puts a premium on motivation, initiative and creativity. Students will be challenged to integrate their accumulated knowledge and technical and social skills in order to identify and solve a problem relevant to issues encountered by professionals in their chosen discipline and to communicate the results of their efforts to their peers. In doing so, students will have the opportunity to demonstrate their ability to adapt to professional situations. It is hoped that this experience will transition students from dependent learners to self-directed learners and stimulate students' appreciation of the need for lifelong learning and initiate professional and personal liaisons. \$20 course fee.

AGBU 4983 Internship II in Agriculture

Prerequisite: Internship I in Agriculture, approval of the department head, junior or senior standing, minimum of 2.5 GPA overall.

A supervised, practical experience providing undergraduate agribusiness majors with a hands-on, professional experience in a position relating to an area of career interest. The student will work in a local cooperating agribusiness establishment under the supervision of a member of management of that firm. A minimum of 300 clock hours of supervision, maintain a weekly internship log, prepare a final report and present at least a 15 minute seminar to the agriculture department. \$100 lab fee. Note: Only three hours of Internship II in Agriculture may be used to satisfy the curriculum requirements for a B.S. degree in Agribusiness.

AGBU 4991 Special Problems in Agriculture

Prerequisite: Permission of the department.

One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.

Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 4992 Special Problems in Agriculture

Prerequisite: Permission of the department.

One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.

Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 4993 Special Problems in Agriculture

Prerequisite: Permission of the department.

One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.

Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

AGBU 4994 Special Problems in Agriculture

Prerequisite: Permission of the department.

One to four hours credit, depending on the nature and extent of the problem. This is a course designed to introduce qualified students to specific agricultural areas including Agribusiness, Animal Science, Horticulture, or Plant Science.

Note: only six hours of Special Problems in Agriculture may be used to satisfy the curriculum requirements for the B.S. degree in Agribusiness.

Hospitality Administration

HA 1001 Orientation to Hospitality Administration

Orientation to the university and hospitality administration as a profession. Exploration of successful student and career paths.

HA 1011 Sanitation Safety

Prerequisite: Hospitality majors only or permission of Department Head. This course provides knowledge of food safety in the areas of food service and storage. The student will gain knowledge on safe food handling; receiving and storage through preparing and serving. This course will also analyze ethical considerations with regards to food and serving. ServSafe certification from the National Restaurant Association will result from successful completion of standardized exam. This course is graded Pass/Fail.

HA 1043 Introduction to Hospitality Management

The history and development of the hospitality industry which comprises food, lodging, and tourism management; an introduction to management principles; characteristics of hospitality industry, concepts used in the service industry, and career opportunities in the field.

HA 2023 Hospitality Leadership and Ethics

This course will develop student skills necessary to lead and manage hospitality organizations in an ethically, environmentally, economically, and socially acceptable manner. It will include analysis of organizational work environments and critical situations. Students will explore their existing leadership styles, build foundational principles, and commit to their own moral compass in relation to the codes of conduct, core values, and best practices relative to the professional world.

HA 2043 Lodging Operations Management I

A survey of the lodging industry to include its history, growth and development, and future direction. Emphasis on front office procedures and interpersonal dynamics from reservations through the night audit.

HA 2053 Work Experience

Prerequisite: HA major or HA minor; sophomore standing or permission of instructor.

Placement in selected hospitality settings as a student worker under professional guidance of both agency and faculty. Students are given the opportunity to take part in meaningful work experiences in actual work situations and managerial observation. Minimum of 200 clock hours of work experience.

HA 2063 Guest Relations

The analysis and development of guest relation skills including guest service, leadership, communication, training, problem solving, etiquette, and other aspects of guest relations. Lecture two (2) hours, lab minimum of four (4) hours.

Note: \$200 lab fee.

HA 2073 Introduction to Event Management

Offered: Spring.

This course will offer an introduction to the principles of event management. The student will learn how to formulate event strategies across diverse contexts. The planning, development, management and implementation of events will be the focus of study. Opportunities for participation in on and off campus events will be an element of the course. \$100 course fee.

HA 2133 Introduction to Travel and Tourism

Cross-listed: RP 2133.

The introduction to travel and tourism, its components and relationship to the recreation and hospitality industry. The course will explore the current and future trends in travel and tourism and the effects on the economy, as well as the social and political impacts of travel and tourism.

HA 2203 Casino Tourism

Expanding casinos will create many jobs and provide millions of dollars in capital investment across Arkansas. This course is designed to introduce students to the fascinating and challenging fields of casinos and the impacts of tourism within the state, with an emphasis on Arkansas casinos. Students will explore career opportunities, trends, issues, and challenges facing the tourism, hospitality, and casino industries, as well as the impact of casinos.

HA 2813 Basic Human Nutrition in Hospitality Administration

Study of the relationship between nutrition and health as a basis for food choices of all ages; the application of nutrient functions in human life processes and cycles; how balanced eating promotes healthy lifestyles. Current concepts and controversies are highlighted.

HA 2881 Special Topics

Offered: On demand.

Investigative studies and special problems and topics related to hospitality administration.

Note: May be repeated if content differs.

HA 2882 Special Topics

Offered: On demand.

Investigative studies and special problems and topics related to hospitality administration.

Note: May be repeated if content differs.

HA 2883 Special Topics

Offered: On demand.

Investigative studies and special problems and topics related to hospitality administration.

Note: May be repeated if content differs.

HA 2903 Casino Operations

Casino Operations focuses primarily on the operation and ownership of US commercial casinos, and the hotels attached to them as well as Native American gambling. A review of the historical development of gaming in America will be explored as well as how the industry has evolved to its present form. Topics covered include organizational structure of a casino hotel, how it operates and how it makes a profit, an understanding of the different companies involved in owning casino hotels and the current issues facing these companies. In addition, a review of casino marketing strategies and player rating systems. Students will build on their food and beverage and hotel knowledge to better understand the specific challenges facing casino hotel operations.

HA 2914 Principles of Food Preparations

Prerequisite: HA 1011, HA 1043, HA 2813, CHEM 1113 and CHEM 1111.

Upon completion of this course the student should be able to demonstrate skills in basic cooking techniques and methods, recipe conversion, and professional food preparation and handling. Additionally, the student should be able to recognize and safely operate common foodservice equipment used in commercial kitchens and demonstrate proficient culinary knife skills. Lecture two (2) hours, lab minimum of four (4) hours.

Note: \$200 lab fee.

HA 2991 Special Problems

Offered: On demand.

Investigative studies and special problems and topics related to hospitality administration.

Note: May be repeated if content differs.

HA 2992 Special Problems

Offered: On demand.

Investigative studies and special problems and topics related to hospitality administration.

Note: May be repeated if content differs.

HA 2993 Special Problems

Offered: On demand.

Investigative studies and special problems and topics related to hospitality administration.

Note: May be repeated if content differs.

HA 3013 Tourism Marketing

This course provides the opportunity for students to be involved in the marketing and promotion of tourism. Application and case study opportunities provides students with a thorough understanding of marketing concepts and theories.

HA 3113 Talent Acquisition and Management

Cross-listed: RP 3113.

Prerequisite: Junior standing and nine hours of RP or HA courses.

This course provides a strategic and tactical approach to staffing, recruiting, selection, placement, onboarding, and employee development within the tourism industry.

HA 3143 Lodging Operations Management II

Prerequisite: HA 2043.

This course evaluates the role of housekeeping, the planning and organization of various organizing tasks, and the importance of maintaining and training quality housekeeping staff. This course will evaluate managing inventories, controlling expenses and monitoring safety and security functions. Lecture three (3) hours, additionally students will be required to have a minimum of 15 lab hours during the semester.

HA 3163 Hospitality Technology

Prerequisite: HA 1043 and COMS 1003.

This course provides a foundation in information technology (IT) and how it relates to everyday business computing in the hospitality industry. Topics include: fundamental IT concepts; understanding the issues related to systems selection, standardization and efficiency; integration or applications; and recognizing the importance of management information systems such as PMS and POS.

HA 3173 Hospitality Managerial Accounting

Offered: Fall Prerequisite: ACCT 2033 or 2004 This course focuses on the use of accounting information for management decision making and control.

Topics include product costing, budgeting, management decision making, and statement analysis.

HA 3183 Catering and Event Management

Prerequisite: HA 1011, 2063, 2073, and 2914.

This course will focus on-site and off-site catering for social and business functions and event management for large-scale events, such as sporting events, festivals, and conferences. Topics to be discussed include organizational structure, product and service development, event planning and execution, staff and volunteer recruitment/training, and post-event analysis. \$200 laboratory fee.

Recreation/Park Administration

RP 1001 Orientation to Recreation and Park Administration

Orientation to the university and recreation and park administration as a profession. Exploration of successful student and career paths.

Note: This course may be taken in place of TECH 1001.

RP 1002 Backpacking

This course is an introduction to basic backpacking skills, equipment, food, and backcountry travel. Day hikes and overnight hikes.) and be willing to share tents, stoves, cooking gear, etc. with other students in the course. Some students may need to borrow or purchase such gear depending on the equipment owned by members of the class. \$50 course fee required. This is an activity course. No more than four hours of activity credit may be counted toward graduation. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.

Note: Students will need to provide own personal equipment (backpack, sleeping bag, etc.

RP 1011 Sport Hunting

An introduction to the fundamentals of sport hunting, materials, and personal skills. Emphasis on state game laws, personal equipment and usage, game species and their natural habitats, and firearm safety. Arkansas Hunter Safety certification awarded with successful completion. This is an activity course. No more than four hours of activity credit may be counted toward graduation. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.

RP 1013 Principles of Tourism

This course provides an overview of the history of the tourism profession and insight into the nature, scope, and significance of the tourism industry.

RP 1021 Boating Education

This course will take students through the Arkansas Game and Fish Commission Boating Guide. Those who successfully complete the course will be awarded Boating Safety Certification. A variety of audio visual presentations will be used, and participation in one weekend day of actual boating experience is required. Certification is awarded upon completion. This is an activity course. No more than four hours of activity credit may be counted toward graduation. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.

RP 1031 Introduction to Cycling

Introduction to Cycling is designed to introduce the beginner biker to the basics needed for lifelong enjoyment of this recreational activity and sport. Students will be introduced to techniques of road cycling and off-road cycling. Emphasis on choosing clothing and equipment, maintenance, and riding skills. Students will have riding opportunities at area trails, as well as classroom instruction. \$50 fee required to cover transportation to area trails. This is an activity course. No more than four hours of activity credit may be counted toward graduation. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.

Note: Participants are expected to provide their own bikes and associated gear and equipment.

RP 1041 Principles and Techniques of Fishing

This course provides an introduction to the sport of fishing. Students will learn to identify species of freshwater fish, emphasizing fish inhabiting Arkansas streams and lakes. Students will learn casting techniques, ethics, catch-and-release techniques, knot tying, and lure and bait selection. Cleaning and cooking your catch of the day will be covered. Bring your own pole and tackle. Field trips to area fishing holes. \$10 laboratory fee. This is an activity course. No more than four hours of activity credit may be counted toward graduation. A student registering for an activities course in excess of these limits receives no credit for the additional course and the grade is not included in the computation of grade point.

Note: Arkansas fishing license required.

RP 1993 Basic Forest Firefighting

This class is taught jointly by the U.S. Forest Service and ATU using classroom theory and weekend field exercises which will enable successful candidates to obtain the "Red Card" recognized by most federal and many state firefighting agencies as a minimum requirement for wildland fire firefighting certification. This class consists of the following wildland fire training courses recognized by the National Wildland Coordinating Group (NWCG): S-130 Basic Firefighting; S-190 Introduction to Fire Behavior; S-110 Wildland Fire Suppression Orientation; I-100 Introduction to Incident Command System; and Standards for Survival. These courses will be taught together to provide a complete picture of the basics of forest firefighting. This training is required before any person can participate on a wildland fire suppression crew for the U.S. Forest Service, other federal agencies and most other state wildland fire agencies. Instruction will be by U.S. Forest Service certified instructors and RP faculty.

RP 2003 Events and Experience Management

This course provides a basic understanding and application of event and experience management principles; design, planning, implementing, and evaluating events and organized experiences.

Note: May not be taken for credit after completion of RP 2002 and RP 2012.

RP 2013 Open Space Management

An introduction to management of various open spaces, landscapes, and trail systems. This course will address the environmental, human, and economical aspects for better management of open spaces.

RP 2023 Trail Planning and Management

An experiential learning course on planning and design process for the evolution of trails. \$50 course fee.

RP 2033 Leadership in Experience Industries

A study of the processes, methods, and characteristics of leadership and supervision in the experience industries. This course will help students further develop the vital leadership skills needed in all experience industries. \$100 lab fee.

RP 2112 Introduction to Professional Practice

This course introduces students to the tourism profession and the knowledge, skills, abilities, and experiences necessary to be successful in the tourism industry. Faculty will mentor and lead students in introductory experiences and situations through service learning and mentored research. Minimum of 45 clock hours of services learning is required.

RP 2113 Global Perspectives of Tourism

This course explores tourism perspectives of various people, cultures, societies, nations, and movements across the world. Students will explore local to global tourism perceptions of development, support, access, and sustainability.

RP 2133 Introduction to Travel and Tourism

Cross-listed: HA 2133.

The introduction to travel and tourism, its components and relationship to the recreation and hospitality industry. The course will explore the current and future trends in travel and tourism and the effects on the economy, as well as the social and political impacts of travel and tourism.

RP 2881 Special Topics

Offered: On demand.

Investigative studies and special problems and topics related to parks, recreation, and hospitality administration.

Note: May be repeated if content differs.

RP 2882 Special Topics

Offered: On demand.

Investigative studies and special problems and topics related to parks, recreation, and hospitality administration.

Note: May be repeated if content differs.

RP 2883 Special Topics

Offered: On demand.

Investigative studies and special problems and topics related to parks, recreation, and hospitality administration.

Note: May be repeated if content differs.

RP 2991 Special Problems

Offered: On demand.

Investigative studies and special problems and topics related to parks, recreation, and hospitality administration.

Note: May be repeated if content differs.

RP 2992 Special Problems

Offered: On demand.

Investigative studies and special problems and topics related to parks, recreation, and hospitality administration.

Note: May be repeated if content differs.

RP 2993 Special Problems

Offered: On demand.

Investigative studies and special problems and topics related to parks, recreation, and hospitality administration.

Note: May be repeated if content differs.

RP 3013 Inclusive Recreation

This course introduces students to the concept of Inclusive Recreation, which is the planning, implementation and evaluation of recreation programs designed to include ALL persons, including those with disabilities.

RP 3023 Camp Administration

Theory and principles of camp administration, programming, leadership, and supervision in public, private, and school camps. Field trips, school camp. \$100 lab fee.

RP 3033 Entrepreneurship in Experience Industries

An introduction to the spectrum of planning, delivery and assessment of goods and services in the commercial experience industries.

RP 3034 Master Planning for Parks and Tourism

Fundamentals of the site planning process and application to park and recreation development, including consideration of factors both external (user preferences) and internal to the site (function, organization and aesthetic treatment). Emphasis on resource capabilities and potentials. Lecture two hours, laboratory four hours.

RP 3043 Developing Professional Practices

Prerequisite: Departmental Approval.

This course provides students the opportunity to develop professional knowledge, skills, abilities, and experiences in the tourism industry. Students will take part in meaningful immersive work experiences and work situations. Minimum of 100 clock hours of work experience is required.

RP 3053 Natural Resource Management

Study of the economic, social, political, and physical factors of the natural environment and methods to guide, direct, and influence orderly growth and development.

RP 3063 Outdoor Education

An introduction to outdoor education foundations, methods, and practice. Preparation and planning for teaching in, about and for the outdoors. Leadership of outdoor education programs. \$100 transportation and supplies fee.

RP 3093 Interpretive Methods

An analysis of various interpretive techniques, interpretive planning, and utilization of interpretation to obtain management goals. Students will plan, design and implement interpretive programs using various media.

RP 3113 Talent Acquisition and Management

Cross-listed: RP 3113.

Prerequisite: Junior standing and nine hours of RP or HA courses.

This course provides a strategic and tactical approach to staffing, recruiting, selection, placement, onboarding, and employee development within the tourism industry.

RP 3133 Tourism Planning

An examination of the tourism planning process and techniques. Topics include tourism as a system, levels of planning, environmental, cultural and economic components, attractions, transportation, infrastructure and marketing.

RP 3403 Experience Industry Finance Management

Prerequisite: Junior standing and Recreation and Park Administration major.

An introduction to recreation and park financial management including revenue and expenditure management.

RP 3503 Sports for Communities and Tourism

An overview of recreational sport and event management in various settings. Topics include informal, intramural, club, extramural, instructional sports, and sporting events programming; values of recreational sports; administration and operation of recreational sports and sporting events; terminology and career opportunities in various sport settings.

RP 3993 Wildland Fire Practices in Natural Resource Management

Prerequisite: RP 1993 or permission.

Advanced study of the organization, deployment, and techniques of fire suppression applicable to wildfires affecting residences, outbuildings, and other human-structure barriers in remote areas and outlying suburban locales. Particular emphasis on wildland structure and urban interface fire suppression problems. This is a science-based course.

Emphasis is placed on: (1) uncontrolled wildland fire and the many positive and negative impacts with which fire personnel must deal; (2) planning and implementing controlled burn projects to attain desired future conditions and reduce fire hazards, and (3) the dilemma of ever-expanding wildland/urban interface issues. The overall purpose of this course is to provide the student with integral fire knowledge and skills necessary to become an effective member of a fire/natural resource management team.

Note: Weekend field exercises required.

Faculty Professors

- William Hoefler, Jr. (<https://www-old.atu.edu/agriculture/profiles/whoeflerjr.php>)
- Seung Suk Lee (<https://www-old.atu.edu/prha/profiles/slee17.php>)
- Cathi McMahan

Associate Professors

- Michael Bradley (<https://www-old.atu.edu/prha/profiles/mbradley19.php>)
- Molly Brant (<https://www-old.atu.edu/agriculture/profiles/mbrant.php>)
- Justin Killingsworth (<https://www-old.atu.edu/agriculture/profiles/jkillingsworth2.php>)
- Dong-Soo Lee (<https://www-old.atu.edu/prha/profiles/dlee13.php>)
- Susan West (<https://www-old.atu.edu/prha/profiles/swest7.php>)

Assistant Professor

- Syed Imran Ali Meerza (<https://www-old.atu.edu/agriculture/profiles/smeerza.php>)
- Jay Post (<https://www-old.atu.edu/prha/profiles/jpost5.php>)
- Bryan Rank (<https://www-old.atu.edu/agriculture/profiles/brank.php>)
- Tatum Simms
- Matthew Wilson (<https://www-old.atu.edu/agriculture/profiles/mwilson58.php>)

Instructor

- Cass Capen-Housley (<https://www-old.atu.edu/prha/profiles/ccapenhousley.php>)