Agribusiness
This major prepares you for a career in the nation’s growing business of producing, processing, and distributing food and fiber, in both traditional agribusinesses and nonagricultural companies. It is jointly administered by the College of Agriculture and Life Sciences and Mays Business School.

Financial Analyst/Planner, Lawyer, Banker, Business Developer, Consultant

Advisor contact: agecoug@ag.tamu.edu

Agricultural Economics
We expose students to a broad scope of issues related to agriculture, food, and managerial and resource economics. Our major is designed for students interested in starting businesses, banking and lending, real estate investment, public policy, or food marketing and trading.

Investment Banker, Lawyer, Real Estate Agent, Loan Officer, Commodity Trader, Actuary Risk Analyst, Business Owner, Sales Representative

Advisor contact: agecoug@ag.tamu.edu

University Studies – Environmental Business
This degree features a unique combination of environmental and ecological sciences coupled with core business coursework. Students design an experience suiting their professional needs to enter the environmental industry.

Public Relations or Public Service Professional, Environmental Project Manager, Environmental Consultant, Business Owner

Advisor contact: BESCadvisor@tamu.edu

Engineering and Technology
Majors and Careers

Agricultural Systems Management
Graduates in Agricultural Systems Management manage people, money, and machines in the food and agricultural industries. Our students focus on practical experience in food-processing systems, water management, machinery and power systems, electrical systems, and electronics.

Technical Support Specialist, Irrigation Systems Manager, Project Administrator, Staff Consultant

Advisor contact: advising@baen.tamu.edu

Biological and Agricultural Engineering
Apply knowledge of physical and biological sciences, mathematics, and engineering principles to the production and processing of food and fiber, the preservation and quality of water resources, and biological systems and machinery.

Environmental Engineer, Agricultural Engineer, Bioenergy Analyst, Food Process Engineer, Air Quality Specialist, Mechanical Systems Engineer

Advisor contact: advising@baen.tamu.edu

Spatial Sciences
Learn to use computer-based technologies such as geographic information systems (GIS), the Global Positioning System (GPS), and satellite remote sensing (RS) to influence decision making in business, science, and government. Enhance your problem-solving and planning skills by using these technologies. This program is jointly administered with the College of Geosciences.

Homeland Security Analyst, Urban Land Manager, Geographic Information Systems Specialist, Software Developer, GPS Analyst

Advisor contact: essmadvising@tamu.edu
Environment and Conservation
Majors and Careers

Bioenvironmental Sciences
This interdisciplinary environmental degree equips you to play a direct role in developing solutions to environmental problems. Students design an experience in areas such as environmental hazards and regulations, alternative energy sources, environmental sampling, and pathogens and plant diseases.

- Environmental Consultant, Environmental Investigator, Municipal Waste Manager, Scientific Researcher, Lawyer, Environmental Policy Analyst

Advisor contact: BESCadvisor@tamu.edu

Ecological Restoration
Prepare for a career in the restoration or reclamation of damaged lands. This program provides a solid foundation for a career or advanced degree in restoration ecology, disturbed-land reclamation, or natural resources management.

- Land Reclamation Specialist, Environmental Consultant, Environmental Lawyer, Conservation Specialist, Disaster Relief Planner, Scientific Researcher

Advisor contact: essmadvising@tamu.edu

Environmental Studies
This interdisciplinary program provides insight into the major societal forces influencing environmental issues. Students select courses involving politics, regulatory agreements, and economics to guide their degree plan.

- Natural Resource/Environmental Policy Analyst, Regulatory Compliance Specialist, Energy Consultant, Lawyer

Advisor contact: BESCadvisor@tamu.edu

Forestry
Prepare to manage forests or conduct forest research, providing timber, water, wildlife, or recreation, through this program accredited by the Society of American Foresters. We provide advanced educational experiences for developing leaders in management, conservation, and restoration of the world’s diverse forests.

- Forestry Consultant, Conservation Specialist, Tree Management Analyst, Extension Specialist

Advisor contact: essmadvising@tamu.edu

Plant and Environmental Soil Science
As population increases, threatening the availability of food, fiber, and fuel, learn to develop innovative and sustainable approaches to economic crop production and environmental protection. You can choose between an emphasis in crops or soil and water.

- Natural Resource Manager, Crop Protection Specialist, Agronomy Sales and Service Representative, Mine Reclamation Consultant, Plant Geneticist, Environmental Consultant, Soil and Water Analyst

Advisor contact: soilcropadvisor@tamu.edu

Rangeland Ecology and Management
Learn how relationships between plants, soil, and water impact sustainable and profitable land-management practices. Students can choose to study Ranch Management or Rangeland Resources.

- Environmental Consultant, Game Warden, Range Management Specialist, Ranch Manager, Land Management Consultant, Natural Resource Planner

Advisor contact: essmadvising@tamu.edu

Renewable Natural Resources
This major lets you design your expertise in natural resources and ecology, wildlife, recreation, and water. You can plan a career around natural resource management, social and public policy, or biophysical sciences.

- Lawyer, Resource Inventory Analyst, Environmental Consultant, Conservation Specialist, Game Warden, Regulatory Compliance Agent, Government Agent

Advisor contact: essmadvising@tamu.edu
Food, Animals, and Plants

Majors and Careers

Poultry Science
Poultry, including meat and eggs, is a major commodity. Graduates finish with knowledge of bird production, processing, business management, and research developments in genetics and physiology.

- Veterinarian/Doctor, Poultry Scientist, Disease Management Specialist, Animal Nutritionist, Food & Grocer Supplier/ Distributor, Quality Control Officer

Advisor contact: advisor@poultry.tamu.edu

Turfgrass Science
Create and care for athletic fields and recreation areas as well as green spaces around homes and businesses. Be part of a dynamic industry through a career in the research, production, or management of turfgrass.

- Golf Course Superintendent, Sports Field Manager, Commercial Landscaper, Grass Improvement Researcher, Sales and Service Representative, Sod Production Specialist

Advisor contact: soilcropadvisor@tamu.edu

Wildlife and Fisheries Sciences
Our studies are dedicated to discovering and conserving biodiversity and natural resources and managing ecological systems. Students choose to study Aquatic Ecology and Conservation, Wildlife Ecology and Conservation, or Vertebrate Zoology. Courses combine a sound mixture of ecological theory and management principles.

- Veterinarian/Doctor, Wildlife Manager, Game Warden, Conservation Scientist, Wildlife and/or Fisheries Biologist, Ecologist, Environmental Consultant

Advisor contact: wfscprograms@tamu.edu

Animal Science
From medicine (veterinary or human) to animal marketing, we equip our students with knowledge and experience in animal breeding and genetics; equine, dairy, and meat science; animal nutrition; and physiology of reproduction.

- Veterinarian/Doctor, Animal Geneticist, Food Safety Inspector, Ranch Manager, Meat Scientist, Reproduction Scientist

Advisor contact: anscadvisor@tamu.edu

Entomology
Some of the world’s toughest problems in human and animal health and food production can be solved by entomologists. We offer career paths to public health, livestock and crop management, and entrepreneurship — all through studying insects.

- Regulatory Entomologist, Pest Management Specialist, Agrochemical Industry Manager, Veterinarian, Biologist

Advisor contact: entomain@tamu.edu

Food Science and Technology
This exciting major prepares you to develop new food products, design innovative processing technologies, improve the nutritional value of foods, and enhance the safety of our food supply. Choose between a Food Science option and an Industry option.

- Food Product Developer, Quality Assurance Manager, Food Chemist, Food Marketer, Research Scientist, Processing Plant Manager

Advisor contact: nfsc@tamu.edu

Horticulture
With a Bachelor of Science degree in horticulture, you can emphasize science and biotechnology or manage a farm or greenhouse. With a Bachelor of Arts degree, you can choose a more artistic career path, from designing corporate interiorscapes to planning wedding receptions.

- Plant Geneticist, Event Planner, Floral or Landscape Designer, “Green Industry” Consultant, Vineyard Manager, Horticultural Therapist

Advisor contact: hortadvisor@tamu.edu
Medicine, Health, and Sciences

Biochemistry
Study life from the molecular level to the most complex organisms, and learn how to improve health, fight disease, and work toward scientific breakthroughs in all areas of the life sciences.

- Doctor, Pharmacist, Biochemist, Microbiologist, Medical Researcher
- Advisor contact: ugradadv@tamu.edu

Genetics
Study the building blocks of heredity and their influence, from molecules to populations, and prepare to have a profound impact on human affairs in this rapidly developing field.

- Doctor, Geneticist, Cell Biologist, Medical Researcher
- Advisor contact: ugradadv@tamu.edu

Nutritional Sciences
Gain a comprehensive knowledge of the biological and social sciences involved in food and human nutrition that optimize our health and well-being. Choose from three degree tracks: General Nutrition, Molecular and Experimental, and the Didactic Program in Dietetics.

- Doctor, Dietitian, Corporate Wellness Specialist, Community Outreach Specialist, Pharmaceutical Salesperson
- Advisor contact: nfsc@tamu.edu

Forensic and Investigative Sciences
Learn how to use the life sciences, from DNA to ecology, to analyze crime scene evidence or solve mysteries in industrial, regulatory, or medical settings.

- Crime Scene Investigator, Forensic Investigator, Homeland Security Officer, Lawyer, Forensic Researcher, FBI Agent
- Advisor contact: entomain@tamu.edu

People and Connections

Agricultural Communications and Journalism
One of the few programs of its kind in the nation, this major focuses on writing, editing, publications production, public relations, and web communications. Graduates are prepared for a career in any media.

- News Anchor, Public Relations Manager, Advertising Copy Writer, Editor, Photographer, Broadcast Journalist, Graphic/Web Designer
- Advisor contact: alecleader@aged.tamu.edu

Agricultural Leadership and Development
Focused on people, this major provides study in leadership and the human dimension of the agriculture industry. Students can combine our foundation in human relation skills in agriculture with elements of business, multiculturalism, policy, technology, and biological sciences.

- Lawyer, Sales Executive, Public Relations, Public Service, Community Service (nonprofit) Agent, Leadership Consultant
- Advisor contact: alecleader@aged.tamu.edu

Agricultural Science
Students choose coursework from four general areas (Animal Science, Agricultural Systems, Plant and Soil Science, and Agricultural Economics) to pair with education courses that are offered in conjunction with the College of Education and Human Development. You will be certified as a teacher in the state of Texas and prepared to help fill the need for agricultural science teachers nationwide.

- Agricultural Science Teacher, Extension Agent, Teacher
- Advisor contact: alecleader@aged.tamu.edu
Community Development
Prepare to address social and economic issues in metropolitan centers, urban fringe areas, and rural settings by learning to balance development and environmental conservation while improving a community's quality of life.

Advisor contact: rptsadvisor@ag.tamu.edu

Recreation, Park and Tourism Sciences
With a focus on improving community life, this major prepares you for a career in creating parks, tourism attractions, green spaces, youth development programs, and family sports and recreation facilities.

Advisor contact: rptsadvisor@ag.tamu.edu

University Studies – Leadership Studies
This interdisciplinary major lets you customize courses to suit your career goals. Students combine a foundation in leadership theory and practice with two expertise areas or minors. Prepare to lead the field in your chosen profession.

Advisor contact: alecleader@aged.tamus.edu

For More Information
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979-845-3712

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College of Agriculture and Life Sciences Departments

Agricultural Economics
agecon.tamus.edu

Agricultural Leadership, Education, and Communications
alec.tamus.edu

Animal Science
animalscience.tamus.edu

Biochemistry and Biophysics
biochemistry.tamus.edu

Biological and Agricultural Engineering
baen.tamus.edu

Ecosystem Science and Management
essm.tamus.edu

Entomology
insects.tamus.edu

Horticultural Sciences
hortsciences.tamus.edu

Nutrition and Food Science
nfs.tamus.edu

Plant Pathology and Microbiology
plantpathology.tamus.edu

Poultry Science
posc.tamus.edu

Recreation, Park and Tourism Sciences
rpts.tamus.edu

Soil and Crop Sciences
soilcrop.tamus.edu

Wildlife and Fisheries Sciences
wfsc.tamus.edu

Texas A&M University has a strong institutional commitment to the principle of diversity in all areas. In that spirit, admission to Texas A&M University and any of its sponsored programs is open to all qualified individuals.

Texas A&M does not discriminate on the basis of an individual's disability and complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) in its admissions, accessibility, treatment, and employment of students in its programs and activities.