



DEPARTMENT OF AGRICULTURE,  
BIOLOGY AND HEALTH SCIENCES

# BACHELOR OF SCIENCE IN AGRICULTURE



## DEPARTMENTAL DESCRIPTION

The Department of Agriculture, Biology, and Health Sciences educates students in the fields of agriculture and environmental science. The department houses the Mullins Endowed Chair in Agriculture. The department sponsors Collegiate FFA and Aggie Club, which conducts numerous educational, service, and social activities and provides students with opportunities to develop their leadership skills.

## MAJOR DESCRIPTION

The Bachelor of Science in Agriculture degree requires the completion of a core of 26 credit hours in introductory and advanced agriculture courses. This degree includes coursework in agricultural economics, animal sciences, plant sciences, soil sciences, agricultural and food policy, and agricultural management. This coursework is in addition to completing Cameron University's General Education requirements program, which also includes a course in biology, chemistry, and mathematics. Agriculture majors must also complete one of four program options, which each require 20 credit hours of coursework, along with a required statistics course. Options include Agribusiness Management, Animal Science, Agronomy, and General Agriculture.

## SCHOLARSHIPS

The department awards several scholarships and tuition waivers. These include the following:

- **Jack L. and Joyce Cline Endowed Scholarship in Agriculture.**
- **Buck and Irene Clements Endowed Scholarship**
- **Willie Flores Endowed Scholarship**
- **Kennedy/DHIA Scholarship**
- **Kinder Scholarship and several others.**

## PROGRAM OPTIONS

### 1 Agribusiness Management

The Agribusiness Management option is designed for students with an interest in careers banking, loans, investments, and small business operations. This option includes three required courses in the areas of accounting, agricultural marketing, and agricultural finance plus the completion of additional hours in business courses to total 20 credit hours.

### 2 Animal Science

The Animal Science option is designed for students who plan to pursue careers in the cattle, sheep, or other livestock industries. It is also an excellent foundation for students who intend to apply to postgraduate programs of study such as veterinary medicine (additional coursework will be required to fulfill admission requirements) or graduate studies in animal science. This option requires the completion of required courses in animal nutrition, animal reproduction, and integrated pest management plus additional elective courses to total 20 credit hours.

### 3 Agronomy

The agronomy option is ideal for students who are interested in agricultural crop production and environmental protection. This option supports careers as an agronomist or crop consultant, managing elevators or co-ops, working in farming, serving as a university educator or extension specialist, plant breeding, soil conservation. The U.S. Bureau of Labor Statistics projects increasing demand for degreed agronomists across the 2018-2028 period and reports a median salary in 2019 of \$51,294 annually. The agronomy option includes three required courses along with elective courses to total 20 credit hours.

## CAREER OPPORTUNITIES

Students currently studying agriculture in a community or junior college should know that the Cameron University Agriculture Program will work diligently to make transferring as seamless as possible. Cameron have "2+2" articulation agreements approved and in place with Redlands Community College (El Reno, OK) and Western Oklahoma State College (Altus, OK) and are working to expand those agreements to other state schools. Regardless of where students begin their agricultural studies, Cameron University will assist students in the transfer process. Transfer students may also qualify for special scholarships to support their university studies.

## POSITIONS RECENT GRADUATES HAVE OBTAINED INCLUDE:

- Agriculture Extension Educators for the Oklahoma Cooperative Extension Service
- Assistant Manager for Farmers Coop
- Farm and rural insurance agents
- Loan agents for agriculture lending and banking firms
- Partners in large-scale stocker cattle and wheat production business in Southwest Oklahoma
- Environmental scientists for Ft. Sill and City of Lawton
- Rangeland and soil conservationists for USDA/NRCS
- Conservation manager for Comanche County Conservation District
- Assistant manager of a large-scale beef stocker operation
- Natural resource manager for the US Army Corps of Engineers
- Research assistant as a graduate student at Oklahoma State University, Montana State University, Florida A&M, and Virginia Tech University
- Student in the veterinary medicine program at Oklahoma State University
- Owner/manager of a meat-packing plant
- Federal officer for USDA/APHIS
- Oklahoma Department of Agriculture farm inspectors
- Livestock nutrition specialist for animal feed companies
- Petroleum energy specialist
- Real estate broker
- Partners in custom harvesting business

## FOR MORE INFORMATION CONTACT:

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**WWW.CAMERON.EDU**



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