



ANIMAL SCIENCE

what **DIRECTION** are you headed?

animal science options

Animal Biotechnology

This Animal Science option is designed to prepare students for the innovative and exciting field of biotechnology. Modern livestock production will continue to utilize biotechnology in many forms. Trained professionals are needed to develop, market and use this new technology.

Agricultural Communications Double Major

This double major gives students the opportunity to benefit from journalism courses in preparation for a career in the publication and communications industry with the additional benefit of training from both the Animal Science and Agricultural Communications programs.

Agricultural Education Double Major

With a double major in Animal Science and Agricultural Education, students combine strong livestock interests with teacher education work. Graduates are prepared for vocational agriculture teaching positions in schools where livestock projects are a major portion of the curriculum.

Business

The Business program is designed for students interested in modern livestock production, management and business. The current economic climate in agriculture demands graduates be well-trained in the business aspects of livestock production and modern livestock management. Students will be qualified for management of livestock operations, sales, promotion and management of support industries.

International

Developed in response to the opening of the world markets to the animal industry and its products, the International option is intended to prepare students to work and compete in the global economy. With courses that deal with international business and production issues, as well as a foreign language component, this option is designed to give students the tools needed for involvement in foreign trade.

Livestock Merchandising

This option prepares students for careers with organizations promoting and/or merchandising purebred

livestock, such as state and national breed associations, breed publications and sales management organizations.

Pre-Veterinary Animal Science

The Pre-Veterinary program is designed to enable students to complete all of the pre-veterinary science requirements while working toward a B.S. degree in Animal Science. If the student is admitted to the College of Veterinary Medicine as a junior, a B.S. degree in Animal Science will be awarded after completion of two semesters as a veterinary student.

Production

The Production option prepares students for intensive livestock management as required by modern beef, equine, sheep, poultry, swine and dairy operations. Students in the production option participate in a balanced educational program that prepares them for a career in livestock management.

Ranch Operations

The Ranch Operations program is designed for students with a specific interest in ranching and beef cattle production, particularly cow-calf and stocker operations. This option utilizes a number of support courses in forage production, including range management.

food science program

The Food Science program prepares students for the scientific and technical challenges of the modern food industry. New developments in the food industry, such as genetic engineering, molecular biology and designer foods, require graduates with a strong science background.

for more information

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101 Animal Science
Stillwater, OK 74074
(405) 744-6062

Check us out on the Web at www.casnr.com

destination **CASNR**



roads TRAVELED



Animal Science Alumni Profile:

Name:

Robert Hodgen
Tulare, Calif.

Current Occupation:

Director of Business Development

Robert's Story:

Robert Hodgen has had the unique opportunity to have eight addresses in eight years and traveled to 13 countries since he graduated from Oklahoma State University. Robert's most recent address is in Tulare, Calif., where he is the director of business development for J.D. Heiskell & Company, the fourth largest feed manufacturer in the United States.

After receiving his M.B.A. from the Wharton School at the University of Pennsylvania, he began working in his current position with J.D. Heiskell & Company. As the director of business development, Robert wears several different hats. He works on projects for the management team, manages ingredient purchasing for the five feed mills, manages energy and commodity price risk, and oversees the capital spending process for the company. In addition, Robert is the leader on a joint venture with another company to build the largest corn rolling mill in the world. This means Robert does a lot of industry research to understand the needs of the marketplace and works to develop new business ideas that create value for customers.

"Go to work for a name brand company, build your résumé and gain experience."

- Robert Hodgen
CASNR Graduate

To be successful in this position, Robert has had to demonstrate leadership, clear communication skills, and the ability to make quick decisions, with limited information, that are logical and convincing. Robert gained many of these skills through his time spent on the livestock judging team at OSU and mentoring on the job.

If you can see yourself as a future leader in the agribusiness industry with a career like Robert's, Animal Science may be the major for you.

which PATH are you taking?

Careers for Animal Science Graduates:

- Livestock Production Manager
- Animal Health Product Sales
- Livestock Equipment Sales
- Livestock Procurement
- Consultant
- A.I. Breeding Technician
- Research or Lab Technician
- Public Relations Specialist
- Market Forecaster
- Teacher
- Extension Specialist
- Livestock Marketing Specialist
- Quality Specialist
- Livestock Insurance Representative
- Animal Scientist
- Farm and Stable Management
- Market Reporter
- Quality Assurance
- Food Chemist
- Product Development
- Food Microbiologist

OKLAHOMA STATE UNIVERSITY
<http://www.okstate.edu>



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MILE MARKERS

Enrollment:

- 700 Students

Student Organizations:

- Block and Bridle Club
- Dairy Science Club
- Food Industry Club
- Horsemen's Association
- Oklahoma Collegiate Cattlewomen
- Pre-Vet Club

Judging Teams:

- Dairy Cattle
- Livestock
- Meat
- Horse

Facilities:

- Animal Science Building
- Noble Research Center
- Purebred Beef Center
- Dairy Cattle Center
- Swine Facilities
- Willard Sparks Beef Research Center
- Food and Agricultural Products Research and Technology Center
- Animal Science Arena
- The Equine Center
- Poultry Research Center
- Nutrition Physiology Research Center
- Sheep Facilities
- Oklahoma Beef, Inc.

For More Information:

- www.casnr.com