

Department of Animal Sciences

Tarleton State University

OVERVIEW

Tarleton provides personal attention because of its size, relaxed small-city atmosphere, and commitment to serve you, the student. We are located only an hour southwest of Fort Worth in the heart of Stephenville, which has been recognized as one of America's 100 best small cities. This places you, the Tarleton student, in a safe, convenient, family-oriented environment.



Learning reaches beyond the classroom at Tarleton and is fostered by our numerous extracurricular activities through which students and faculty develop camaraderie. We are proud of our traditions of friendliness and of treating students with respect and individual attention. Our student/faculty ratio is 21/1. Animal Sciences faculty members are dedicated to your needs and make every effort to be responsive and progressive. Our department emphasizes the personal bond between student and teacher. Individualized education fosters an environment in which creativity and scholarship flourish. Through personalized counseling, we encourage you to identify a degree program that will prepare you professionally and challenge you academically.

CURRICULUM

The Department of Animal Sciences offers four degree programs (Animal Science, Animal Production, Animal Industries, and Wildlife Management) with support courses in a variety of specialty areas such as Livestock Production, Dairy Science, Wildlife Science, Meats, Equine Science, and Pre-Veterinary Medicine.



ANIMAL SCIENCE

Tarleton's Animal Science degree provides a strong foundation in the scientific aspects of animal production, nutrition, reproduction, anatomy, and physiology. Supporting course work in chemistry, biology, and mathematics provides you with the background necessary to understand the complex physiological and biological phenomena that explain why and how animals function and perform. The Animal Science degree prepares a student for professional programs, post-graduate study, scientific research, and a variety of careers where a scientific understanding of animal agriculture is required. Graduates may find employment with pharmaceutical, nutrition, and animal reproduction companies, as well as careers in agricultural research and extension.



ANIMAL PRODUCTION

Tarleton's Animal Production degree stresses the commercial aspects of livestock production. This degree is designed for students who desire careers in the commercial production, marketing, and/or promotion phases of animal agriculture. Graduates are best qualified to work in farm and ranch management, for breed organizations, and in hands-on jobs in animal agriculture.



ANIMAL INDUSTRIES

Tarleton's Animal Industries degree is a unique combination of a strong foundation in animal science courses and basic business courses. This degree is designed to prepare students for careers that emphasize the business aspects of animal agriculture. Graduates are qualified for jobs in the areas of animal and/or product marketing, development and operation of record keeping and enterprise analysis systems, purchase and sales of animals and animal products, and a variety of management and supervisory jobs in animal agriculture.



PRE-VETERINARY MEDICINE

If you intend to pursue a veterinary medicine career, at Tarleton you can complete all the necessary prerequisites for application to the Doctor of Veterinary Medicine (D.V.M.) program at Texas A&M University.

Acceptance into D.V.M. programs is quite competitive. Tarleton's pre-veterinary students are encouraged to work closely with their academic advisors in planning their program of study.

If you change your plans about veterinary school during your study at Tarleton, your courses will apply toward your degree program in Animal Science and no credits will be lost in continuing toward graduation.

Also, some graduate programs accept pre-veterinary course work for an advanced degree. The background you will receive in biology and chemistry is solid and applicable to a number of graduate programs.



WILDLIFE MANAGEMENT

Tarleton's Wildlife Management degree is a unique combination of Wildlife Management, Animal Science, Range and Ranch Management, and Biology courses. Graduates are qualified for a variety of careers with state and federal agencies, wildlife management ranches, private conservation organizations, zoos and other exotic animal exhibitors, and postgraduate studies. The curriculum includes a sound foundation in basic sciences as well as a variety of hands-on technique classes.



EMPHASIS



Within the Animal Science, Animal Industry, and Animal Production degree programs, students take courses in genetics, reproduction, nutrition, and meat science. Students then select from a variety of specialty courses in Dairy, Wildlife, Equine Science, Swine, Sheep, Beef Cattle, and Meats to best qualify them for their chosen career.



FACILITIES



Animal Sciences courses are designed for hands-on participation during laboratory exercises.

Tarleton has developed extensive teaching facilities on the main campus and on outlying farm and ranch operations. A beef herd with two breeds of cattle and a wildlife management area are available on a 1,100-acre ranch. A 700-acre farm near campus is comprised of Centers for Dairy, Swine, Poultry, Sheep, Equine, Feedlot Cattle, and Meat Processing.



FACULTY

Barry Lambert: Department Head; Assistant Professor; Ph.D. Kansas State University; Dairy Science, Animal Nutrition

James Mueller: Assistant Department Head; Assistant Professor; Ph.D. Texas Tech University; Wildlife Science

Jeff Breeden: Assistant Professor; Ph.D. Texas A&M University; Wildlife Science

Joe Cadle: Professor; Ph.D. New Mexico State University; Nutrition, Feeds, Animal Physiology

Bob Doty: Instructor; M.Ed. Sam Houston State University; Animal Production

Mark Eakin: Rodeo Coach and Instructor; M.S. West Texas A&M; Rodeo Production

Randy Harp: Associate Professor; Ph.D. Oklahoma State University; Sheep, Swine, Beef Cattle Production

Don Henneke: Associate Professor and Director of Equine Sciences; Ph.D. Texas A&M University; Equine Science

Jared Jackson: Instructor; M. S. Tarleton State University; Livestock Production, Livestock Judging Coach

David A. Snyder: Professor; Ph.D. Michigan State University; Animal Production, Physiology of Reproduction

Katherine Thomson: Assistant Professor; DVM, Ph.D. Texas A & M University; Pre-Veterinary Medicine, Equine Science

Tarleton State University Equine Center



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