Advanced study in animal science offers preparation for a future in teaching, research, extension, livestock and dairy production, and in industries involving food technology, livestock products and livestock management. Majors offered are:

Animal breeding: MS and PhD
Animal science: MS, MAgr and PhD
Equine industry management: MEIM
Physiology of reproduction: MS and PhD

The animal science subject matter fields are strongly supported by coursework in agricultural economics, biochemistry, biophysics, biology, genetics, statistics, and in veterinary anatomy, microbiology, parasitology, pathology, physiology, pharmacology and public health.

Laboratories available for graduate research include cytogenetics, genomics, food technology, meat science, nutrition, molecular biology and reproductive physiology. The Robert Justus Kleberg, Jr. Animal and Food Science Center provides 39 laboratories for research and graduate training. Special equipment available in these laboratories or in readily accessible facilities, such as at the Computing Services Center, offer a wide array of opportunities for study and research.

Dairy, beef, horse, and swine herds and sheep and goat flocks at the main station or at research centers afford opportunities to study various problems in physiology, breeding, management, nutrition and production. The Rosenthal Meat Science and Technology Center, equipped to fabricate and process all meat foods on a semicommercial scale, is available for research problems. Texas A&M AgriLife Research projects in all subject matter fields offer opportunities for graduate students to participate in current research activities.

Support areas such as biochemistry and biophysics, economics, genetics and statistics may be readily arranged. Food science and technology and nutrition courses are jointly listed.

There is no specific foreign language requirement for the Doctor of Philosophy degree. A student’s advisory committee may require a foreign language or additional coursework in an unrelated area in lieu of a foreign language.

Faculty
Bazer, Fuller W, Distinguished Professor
Animal Science
PHD, North Carolina State University, 1969

Carstens, Gordon E, Professor
Animal Science
PHD, Colorado State University, 1998

Chitlapilly Dass, Sapna, Assistant Professor
Animal Science
PHD, Dublin Institute of Technology, 2020

Clark, Karl, Associate Professor
Animal Science
PHD, University of Minnesota, 2003

Cleere, Jason, Instructional Associate Professor
Animal Science
PHD, Texas Tech University, 2002

Cooke, Reinaldo F, Professor
Animal Science
PHD, University of Florida, 2008

Cross, H Russell, Senior Professor
Animal Science
PHD, Texas A&M University, 1972

Daigle, Courtney L, Associate Professor
Animal Science
PHD, Michigan State University, East Lansing, MI, 2013

De Carvalho Cardoso, Rodolfo, Associate Professor
Animal Science
DVM, Sao Paulo State University, 2005
PHD, Texas A&M University, 2014

Dunlap, Kathrin A, Instructional Professor
Animal Science
PHD, Texas A&M University, 2006

Gehring, Kerri B, Professor
Animal Science
PHD, Texas A&M University, 1994

Gill, Clare A, Professor
Animal Science
PHD, University of Adelaide, Australia, 2000

Gill, Jason J, Associate Professor
Animal Science
PHD, University of Guelph, 2006

Gouvea, Vinicius, Instructional Assistant Professor
Animal Science
DVM, Federal University of Goiás (UFG), 2009
PHD, University of São Paulo, School of Veterinary Medicine and Animal Science, 2015

Griffin, Davey, Instructional Professor
Animal Science
PHD, Texas A&M University, 1989

Hairgrove, Thomas, Instructional Professor
Animal Science
PHD, Texas A&M University- College Station, 2016

Hanagriff, Roger, Instructional Associate Professor
Animal Science
PHD, Texas A&M University, 2002
White, Sarah H, Associate Professor
Animal Science
PHD, University of Florida, 2014

Wickersham, Tryon A, Associate Professor
Animal Science
PHD, Kansas State University, 2006

Wiegert, Jeffrey, Instructional Associate Professor
Animal Science
PHD, North Carolina State University, 2019

Wu, Guoyao, Distinguished Professor
Animal Science
PHD, University of Alberta, Canada, 1989

Zoller, Jennifer, Instructional Assistant Professor
Animal Science
PHD, Texas A&M University, 2016

Masters

- Master of Agriculture in Animal Science (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/magr/)
- Master of Equine Industry Management in Equine Industry Management (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/equine-industry-reproduction-ms/)
- Master of Science in Animal Breeding (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/animal-breeding-ms/)
- Master of Science in Animal Science (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/ms/)
- Master of Science in Physiology of Reproduction (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/physiology-reproduction-ms/)

Doctoral

- Doctor of Philosophy in Animal Breeding (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/animal-breeding-phd/)
- Doctor of Philosophy in Animal Science (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/phd/)
- Doctor of Philosophy in Physiology of Reproduction (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/physiology-reproduction-phd/)

Certificates

- Food Safety Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/food-safety-certificate/)
- Meat Science Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/meat-science-certificate/)