



Degree Information

Continual growth in the poultry industry increases the need for technical knowledge in the various fields of science needed for a successful poultry business. In no field of agriculture is an understanding of the fundamental and applied sciences more marketable or more rewarding than in production, and processing, of poultry meat and eggs. Because the bird is the basis for the department's graduate program, additional areas of interest include exotic and wildlife species as well as cellular and molecular studies using avian models. A major objective of the department is to offer training for work in research, teaching, extension or industrial operations. We also strive to bridge the gap in both directions between courses in fundamental biochemistry, genetics, physiology and economics and their practical application to the production of poultry and the care of all avian species.

Degrees Offered

The department offers graduate studies leading to the Master of Agriculture, Master of Science, and Doctor of Philosophy degrees including the only online Master of Agriculture degree in the U.S. In addition to a major in poultry science, students may pursue emphasis areas in nutrition, food science and technology, physiology and genetics. Faculty expertise exists for study in genetics, reproduction, nutrition, biochemistry, physiology, environment, management, microbiology, processing and marketing for all commercially- important species. The faculty members are also actively involved in many of these disciplines for other avian species and in the pursuit of basic cellular and molecular knowledge.



**AGRICULTURE
& LIFE SCIENCES**
TEXAS A&M UNIVERSITY

**Graduate
Studies in**

Poultry Science

**MS
MAgr
PhD**

**Department of
Poultry Science**

The Department

The Poultry Science Department at Texas A&M University is the largest department in the U.S. based upon student enrollment. It is also one of six remaining independent Poultry Science departments in the U.S.

Admission

A formal application to the Office of Graduate Studies is required from a person seeking admission to graduate studies in Poultry Science. The statewide Texas Common Application found at www.applytexas.org can be used to apply to Texas A&M University or any other public university in the state of Texas. An application fee of \$50 for U.S. Citizens and permanent residents or \$75 for international applicants is required to process an application for admission. Application fees are non-refundable.

The overall admission criteria for the University are based on the entire record of the applicant and the availability of departmental resources. The items considered include:

- Holding an accredited baccalaureate degree from a college, institution or university of recognized standing, or its equivalent, guarantees consideration for admission
- GRE
- TOEFL (required for those whose native language is not English)
- Transcripts
- GPA in the last 60 hrs. of course work
- Letters of recommendation
- Professional and/or academic experience
- Ability to pursue advanced study and research satisfactorily
- Adequate preparation in the specific discipline or field of study
- Statement of Purpose Essay

Please refer to the Office of Graduate Admissions web site for more information:
<http://admissions.tamu.edu/graduate/default.aspx>

Extensive Facilities

The Poultry Science department maintains over 8,000 square feet of modern laboratory space in the Kleberg Animal and Food Sciences Center. The Kleberg Center also houses the administrative,

faculty, extension and graduate student offices, classrooms, and teaching labs.

The Poultry Science Research, Teaching, and Extension Center is located 2 miles from the Kleberg Center on main campus and is situated on approximately 16 acres. The center consists of 17 buildings and a feed mill. The main building houses incubation and hatching rooms, classrooms, offices, processing facilities and a pathogen challenge lab. Other buildings include battery rearing, cage rearing, turkey, breeder, and broiler floor pen houses.

The National Center for Electron Beam Research is one of two facilities of its kind in the U.S. and the only facility located on a university campus. It is also the world's largest high-throughput facility for E-beam and x-ray research.

Distinguished Faculty

The department has 14 full time faculty members with research programs in production, food safety, health and microbiology. Discipline areas include:

- nutrition utilization
- production efficiency
- meat and products quality
- waste management
- food irradiation
- pathogen reduction strategies
- vaccine development
- microbial ecology
- biosecurity
- nutritional biochemistry
- lipoprotein biology

Contact Information

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