



Degree Information

The Texas A&M University Department of Biological & Agricultural Engineering, one of the largest in North America, ranks among the best in the nation as evidenced by the accomplishments of the students, graduates, former students, and faculty. The department is jointly administered by the [College of Agriculture and Life Sciences](#) and the [Dwight Look College of Engineering](#). The Biological & Agricultural Engineering Department offers the following advanced degrees: Master of Science, Master of Engineering, Doctor of Engineering, and Doctor of Philosophy (Ph.D.). Areas of specialization include: environmental engineering, machine systems, food and bio-processing engineering, bio-energy and bio-products.

Master of Science:

The Master of Science degrees are offered in both BAEN and AGSM. Completion of the M.S. degree requires a total of 32 semester hours of coursework including research, along with the selection of an advisory committee, completion of thesis and final defense. A M.S. degree in AGSM non-thesis option is also offered.

Master of Engineering:

The Master of Engineering degree is oriented toward problem solving in engineering. It requires 30 hours of coursework with a 3-6 credit hour internship. The oral examination is based on a written report of a problem-solving accomplishment to summarize the experiences of the internship.

Doctor of Engineering

The Doctor of Engineering program seeks to couple an understanding of the characteristics of social and business institutions with competence in solving engineering problems. Each student must pass the Doctor of Engineering Qualifying Examination. A minimum of 64 credit hours beyond the M.S. degree is required with a minimum of 16 credit hours for a professional internship.

Doctor of Philosophy

Completion of the Ph.D. degree requires a minimum of 64 credit hours beyond the M.S. degree or 96 credit hours beyond the B.S. degree along with selection of an advisory committee, development of a research project, preliminary examinations, completion and defense of research.



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

Graduate Studies in

Biological & Agricultural Engineering

Agricultural Systems Management

**MS
MAgr
MEng
DEng
PhD**

**Department of
Biological and
Agricultural Engineering**

Admission

Admission is based on undergraduate record (coursework, experience, and grades), letters of recommendation, and performance on the GRE and TOEFL exams. An undergraduate engineering degree or its equivalent is a prerequisite for an advanced engineering degree. Applicants whose native language is not English should plan to take the Test of English as a Foreign Language (TOEFL). Applications are reviewed on an individual holistic basis.

Placement and Jobs

Graduates from BAEN programs have been successful in obtaining jobs with the best companies and organizations and faculty appointments at universities worldwide

Distinguished Faculty

There are currently 44 graduate faculty members in the BAEN department. Students will benefit from the faculty members' different perspectives, personalities, and knowledge, and learn from their experience in the classroom and laboratory setting. Faculty members serve as mentors, helping develop not only research programs, but also careers.

Extensive Facilities

Students have access to facilities from all programs, including multiple state-of-the-art labs and high-end computer systems. The Texas A&M University Library System houses more than 2.7 million volumes, 4.9 million microform units, and 30,000 electronic books. High-speed wireless is available throughout the campus.

Mentoring

We want students to succeed at Texas A&M. The BAEN graduate program is designed to support students throughout their graduate studies.

Orientation introduces new students to university policies, employee benefits, teaching and laboratory safety. Students will meet with the

faculty to discuss which courses to select based on interest, undergraduate background, or to correct any academic deficiencies.

Departmental **faculty presentations** acquaint students with the faculty and their research.

Socials and departmental activities allow opportunity to visit and interact with faculty members outside the university environment.

Financial Support

The department may provide financial support in the form of assistantships and fellowships. Graduate assistants are selected based on previous academic performance, their ability for handling work assignments with excellence, and their potential for future performance in these areas. These are available only to graduate students who are actively pursuing graduate degree programs and who are making satisfactory progress toward their degrees. Research Assistantships are awarded by faculty members and funded by their research grants. Fellowships are awarded on a competitive basis and available from Texas A&M, the federal government, or private sources. The Texas A&M Scholarships and Financial Aid Office has a support team to help students.

WE'D LOVE TO SEE YOU!

Call. Write. Email. Visit.

Contact Information

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