Department of Agricultural and Biosystems Engineering

Department Information

- www.ndsu.edu/aben

Undergraduate Programs of Study

- Agricultural and Biosystems Engineering (major)
- Agricultural Systems Management (major and minor)
- Precision Agriculture (major and minor)

Graduate Programs of Study

- Agricultural & Biosystems Engineering

Degrees Offered

- Bachelor of Science Degree (B.S.)
- Bachelor of Science in Agricultural and Biosystems Engineering (B.S.A.B.En.)
- Master of Science (M.S.)
- Doctor of Philosophy (Ph.D.)

Department Description

The mission of the Department of Agricultural and Biosystems Engineering at North Dakota State University is to serve students and our profession by providing quality educational programs that prepare graduates for 21st century living and career opportunities. The programs are designed to provide education, research, and effective extension programs that help people improve their lives through the educational process using research-based knowledge focused on issues and needs. Agricultural and Biosystems Engineering strives to generate new knowledge in engineering and allied technologies for production agriculture, the food system, and related environmental resources.

Agricultural and Biosystems engineers apply their engineering skills towards sustainable production of food, feed, fiber, and fuel; the necessities of life. Agricultural Systems Management program prepares men and women for careers requiring integration and application of engineering technology, agricultural and biological sciences, and business to manage resources and systems for producing, processing, and marketing food and other biological products worldwide. Precision Ag program prepares our graduates to address profitability, production efficiency and environmental stewardship related to modern high-tech agricultural production.

Our students are active in a variety of extra-curricular programs (https://www.ndsu.edu/aben/student_clubs).