Feed Science and Management
Bachelor of Science in Feed Science and Management
Department of Grain Science

"I'm glad to be a part of the feed science program for many reasons — the contact with professors and companies, the excitement of learning something new every day, and the chance to develop knowledge and leadership ability. With the new feed mill complete, I am looking forward to hands-on learning experiences that will give me a better understanding of how each machine is used in the industry."

Ashton Yoder
Welda, Kansas

Kansas State University's feed science and management program is a unique four-year degree program. It is the only one in the world designed to train individuals specifically for positions in the feed, biofuel, and related industries. Advantages in earning a degree in feed science include plentiful job opportunities in a large, stable industry, good starting salaries, promotion possibilities, scholarships, and summer jobs and internships. Options exist in feed production, biofuels production, and pet nutrition.

Possible Careers
Plant operations and management in feed, pet food and related industries, corporate management, quality control, research and development, ingredient procurement, sales, processing facility design, and equipment design and manufacturing.

Potential Employers
Commercial feed companies, feedlots, pet food companies, large integrated food companies, ingredient suppliers, exporting companies, equipment manufacturers.

Advantages
Plentiful job opportunities. The feed science and management degree is granted only at K-State. The degree includes a combination of disciplines built around the study of the animal and pet feed business with emphasis on manufacturing management. Graduates are recruited by companies involved in commercial feed and integrated livestock and allied industries.

Good starting salaries and promotion opportunities. Starting salaries are among the highest of all graduates in the College of Agriculture. Graduates tend to move into positions of increasing responsibility and pay. It is not unusual for them to become plant managers within a few years.

Employment in a large, stable industry within the food supply chain. Students can be assured that their education and skills will be in demand throughout their working lives. There are approximately 8,000 feed manufacturing locations in the United States that produce more than 200 million tons of feed or feed concentrates every year and employ more than 100,000 people. The pet food industry is growing and offers additional employment opportunities.

Industry interest. The feed science program at K-State began in 1951 at the request of industry representatives. Today it remains the only bachelor's degree program in feed science in the United States and the world. A feed science advisory board composed of industry representatives, faculty, and a student representative continually reviews the curriculum to ensure that students receive an education that will help them develop skills required by the feed and allied industries.

International reputation. K-State's Department of Grain Science and Industry has an international reputation in the feed and allied industries, attracting students from all over the world. K-State is a regular recruiting stop for major companies.

Options
Feed Production
The Feed Production option is intended for those who wish to follow the conventional feed science program to prepare for careers in the feed manufacturing and animal nutrition fields, including pet food manufacturing and other allied industries.

Pet Food Production
The pet food production option is set to train students for a wide range of career opportunities in the pet industry. They can become processing managers, or work in research and development, quality assurance, or regulatory control.

Specialty
Pre-Vet
Students may complete pre-vet professional requirements while attaining a feed science and management degree.

Dual-Major and Minor
Students may pursue a dual major by completing requirements in two separate B.S. programs. Minors
provide students an opportunity to emphasize study in an area outside their major curriculum. A minor will require completion of at least 15 designated credit hours of required course work outside the major. Courses forming a minor may be used to satisfy the general requirements of a major curriculum. Feed science and management students pursue minor degrees in agribusiness, agricultural economics, chemistry, food science, and leadership studies.

**Grain Science Minor**
The Department of Grain Science and Industry offers four minors: feed science, pet food science, grain handling operations, and bakery science. A minor from the Department of Grain Science and Industry helps students understand the needs of the specialized agriculture industry. Many of the minors are available via distance education and can be taken by non-degree seeking students or students at other universities.

**Internships and Summer Jobs**
Many feed science students spend summers working in the feed industry. Most complete a required summer internship in a feed or allied company between their junior and senior years. This experience gives students a chance to evaluate the company, practice skills, and learn more about the industry. Many students receive job offers following the internship.

**Student Activities**
Activities in the Department of Grain Science, and Industry help students develop leadership ability, create friendships and explore new ideas. The Feed Science Club brings students together in a group that promotes professional and social activities and provides opportunities to manufacture and market feed products.

**Scholarships**
Nearly two-thirds of the students in the feed science and management degree program receive a departmental scholarship that ranges from $200 to $2,000 or more annually. Most scholarships are awarded based on academic achievement.

**Advanced Degrees**
In addition to bachelor's degrees in bakery science, feed science, and milling science, the Department of Grain Science and Industry offers master's and doctoral degrees in grain science for students wishing to specialize in milling, baking, feed manufacturing, cereal chemistry, grain storage, or extrusion processing.

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**“The Feed Science program at K-State is preparing students to be the next generation of leaders in the feed industry”**

**Charles Stark, Ph.D.**
**Assistant Professor**
**Grain Science and Industry**