

FEED TECHNOLOGY MINOR

The agricultural economy is heavily dependent on feed technology.

The Midwest is one of the largest feed production and grain processing regions in the world. Feed manufacturing is also a global business with a growing demand for qualified technical professionals.

Feed technology includes the areas of grain handling and storage, animal nutrition, feed formulation, feed manufacturing, biosecurity, and feed safety and quality. The Feed Technology minor (15 credits) covers the breadth of all these topics so that you can:

- Understand animal nutrition, feed mill operations management and their application to feed quality, safety, and profitability;
- Identify chemical, biological and physical hazards in grain and feed;
- Know practical ways to monitor, manage and mitigate hazards in grain handling and feed manufacturing facilities; and
- Be familiar with the importance, scope and trends of the global animal feed industry.

The minor requires 15 credits and must include at least 9 credits that are not used to meet any other department, college, or university requirement. Below is the list of courses used in the minor.

TSM 3220	Preservation of Grain Quality	3
or ABE 4690	Engineering for Grain Storage, Preservation, Handling, and Processing Systems	
TSM 4550	Feed Processing and Technology	3
TSM 4570	Feed Safety, Ingredient Quality and Analytics	3
ANS 3200	Animal Feeds and Feeding	3
or ANS 2190X	Survey of Animal Nutrition	
ANS 3240	Food Processing for Companion Animals	3
Total Credits		15

ANS 2190X, if offered, may be substituted for ANS 3200.