

The minor provides students with the ability to gain knowledge in the dairy industry. The course work will provide the following:

1. An understanding of the scope of the dairy industry and its economic value to society.
2. An understanding of the biological principles involved in the nutrition and production of dairy animals.
3. The ability to apply knowledge gained to solve problems and to integrate solutions to attain successful dairy production management.

Prerequisite Courses for the minor

		Credit Hours
BIOLOGY	1101, 1113, or 1113H	4
ANIMSCI	2200.01	3

The Dairy Science Minor consists of 15 hours selected as follows:

Required Courses (7 credit hours):

			Credit Hours
ANIMSCI	2507	Challenges and Opportunities for the Dairy Industry	1
ANIMSCI	3147	Milk Secretion	2
ANIMSCI	4007	Dairy Herd Management	4

Required Electives: Minimum of 8 credit hours

ANIMSCI	2200.02	Introduction to Animal Sciences Lab	1
ANIMSCI	2400.07	Global Dairy Industries	1
ANIMSCI	3130	Principles of Animal Nutrition	3
ANIMSCI	3140	Principles of Animal Systems Physiology	3
ANIMSCI	3150	Principles of Genetic Improvement	3
ANIMSCI	3160	Reproductive Physiology	3
ANIMSCI	3170	Animal Health I	2
ANIMSCI	3180	Introduction to Animal Welfare	2
ANIMSCI	3270	Animal Health II	2
ANIMSCI	3307	Dairy Cattle Selection and Evaluation	2
ANIMSCI	3400	Management Intensive Grazing	2
ANIMSCI	3797.07	Dairy Industry Outside the U.S.	3
ANIMSCI	5031	Ruminant Nutrition	3
ANIMSCI	5033	Feeding Management and Record Analysis for Dairy Cattle	3
FDSCTE	5420	Dairy Processing	3

Restrictions and General Information

1. This minor is not available to students majoring in Animal Sciences. It may be an option as a second minor for Animal Biosciences and Animal Industries specializations.
2. A minor should be declared by the time a student accumulates 60 hours.
3. A minimum 2.00 cumulative point-hour ratio is required in the minor course work; and a minimum grade of a C- is required for each course used to complete the minor.
4. A student is permitted to overlap up to 6 credit hours between the GE and the minor.
5. The minor must contain a minimum of 12 credit hours distinct from the major and/or additional minors (i.e. if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with the major or with another minor).
6. The minor must include at least 6 hours of upper-level or upper-division course work (3000 or above).
7. Course work graded Pass/Non-Pass cannot count in the minor, and no more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.
8. No more than 3 credit hours of xx93 may count toward the minor.
9. A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.
10. A student is not permitted to receive credit for both the Dairy Science Minor and the Dairy Certificate.