

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

BIOLOGY 1101 or 1113 or 1113H
ANIMSCI 2200.01

Credit Hours

4
3

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

Required: 7 hours

Credit Hours

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

Electives: 8 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 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 4400	Animal Welfare and Behavior in Livestock Industries	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.