

DAIRY SCIENCE (DASC)

DASC 100. Dairy Cattle Feeding Mgt - SC. (2 Credits)

An introduction to the management of feeding cattle, including forage storage, feed rates from storage, management of the feed bunk, mixing of feed, body condition scoring, lameness, cow comfort, and sampling of feed for analysis. The 2 credit option offers more in-depth exposure and analysis on all topics and will contain additional course material. 1 credit option (1.5 lecture hours, 1.5 lab hours per week for 6 2/3 weeks) 2 credit option (1.5 lecture hours, 1.5 lab hours per week for 13 1/3 weeks) Offered during a winter term from November 1 – April 15

DASC 111. Dairy Breeding Short Course. (2 Credits)

This course covers breeding, including animal reproduction, male and female reproductive anatomy and physiology, hormonal control of the reproductive system, the estrous cycle, fertilization, and reproductive failures. DASC 111 combined with DASC 112 will substitute for the three-credit DASC 110. 2 credits (1.5 lecture hours/week, 1.5 laboratory hours/week), total of 20 lecture hours plus 20 laboratory hours, 13 1/3 weeks Offered during a winter term from Nov. 1-March 15.

DASC 112. Dairy Breeding II Short Course. (1 Credit)

This course covers animal breeding including animal reproduction and offers an in-depth look at reproductive programs to achieve cattle pregnancies. The course provides a hands-on approach where students will be practicing reproductive management daily. Introductory dairy cattle genetics will be discussed. DASC 112 combined with DASC 111 will substitute for the three-credit DASC 110. 1 credit (10 lecture hours/week, 10 laboratory hours/week), total of 10 lecture hours plus 10 laboratory hours, 1 week Offered during a winter term during one week of January

DASC 211. Dairy Herd Health Short Course. (2 Credits)

Physiology, anatomy and health of the dairy cow. Emphasis on hygiene, disease prevention, herd health programs, and routine disease and injury treatment. Prerequisite: Sufficient dairy experience as determined by the instructor 1-2 credits (1.5 lecture hours per week, 1.5 laboratory hours per week) Offered during a winter term from November 1 to April 15.