

Dairy Science Undergraduate Certificate

Location(s): Manhattan Campus

The certificate program will require the completion of a minimum of 18 credit hours focusing primarily on dairy cattle management.

Courses in this certificate may require prerequisites.

Required Courses: 11.5 credit hours

ASI 106 - Dairy Lab Credits: 0.5

ASI 396 - Dairy Cattle Judging Credits: 2

ASI 400 - Farm Animal Reproduction Credits: 3

ASI 621 - Dairy Cattle Management Credits: 3

ASI 680 - Ruminant Nutrition Credits: 1

ASI 681 - Dairy Cattle Nutrition Credits: 1

ASI 685 - Stored Forage Systems for Ruminant Animals Credits: 1

Electives: 6.5 credit hours

In addition to the courses listed below, students may apply up to 3 credits of experiential learning courses (ASI 561, ASI 599, ASI 661, and ASI 662) to the certificate. The courses must be dairy related.

Select one course:

ACCTG 231 - Introduction to Managerial Accounting Credits: 3

OR

AGEC 308 - Farm and Ranch Management Credits: 3

Select one course:

ASI 500 - Genetics Credits: 3 **AND** ASI 501 - Principles of Animal Breeding Credits: 1

OR

ASI 511 - Applied Animal Breeding and Genetics Credits: 4

AGEC 420 - Commodity Futures Credits: 3

AGRON 550 - Forage Management and Utilization Credits: 3

AGRON 551 - Forage Management and Utilization Laboratory Credits: 1

ASI 405 - Fundamentals of Milk Processing Credits: 3

ASI 420 - Advanced Dairy Cattle Judging Credits: 1

ASI 512 - Bovine Reproductive Technologies Credits: 2

ASI 540 - Principles of Animal Disease Control Credits: 3

ASI 601 - Endocrinology and Lactation Credits: 3

ASI 308 - Dairy Foods Processing and Technology Credits: 3

ASI 655 - Behavior of Domestic Animals Credits: 3

ASI 682 - Formulation of Livestock and Poultry Diets Credits: 1

Total Hours Required: 18