

Animal Nutrition Undergraduate Certificate

Location(s): Manhattan Campus, Manhattan Online

The certificate program will require the completion of a minimum of 15 credit hours relevant to the animal nutrition industry.

Courses in this certificate may require prerequisites.

Required Courses: 8 credit hours

ASI 202 - Domestic Animal Nutrition Credits: 3

ASI 302 - Advanced Animal Nutrition Credits: 3

ASI 675 - Monogastric Nutrition Credits: 1

ASI 680 - Ruminant Nutrition Credits: 1

Concentration in Animal Nutrition: 7 credit hours

In addition to the courses listed below, students may apply up to 3 credits of experiential learning courses (ASI 560, ASI 561 and ASI 599) to the certificate. The courses must be related to animal nutrition.

ASI 676 - Avian Nutrition Credits: 1

ASI 677 - Companion Animal Nutrition Credits: 1

ASI 678 - Equine Nutrition Credits: 1

ASI 679 - Swine Nutrition Credits: 1

ASI 681 - Dairy Cattle Nutrition Credits: 1

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

ASI 683 - Grazing Livestock Nutrition Credits: 1

ASI 684 - Nutrition of Feedlot Cattle Credits: 1

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

AGRON 251 - Range Management Credits: 3

AGRON 260 - Field Identification of Range and Pasture Plants Credits: 1

AGRON 462 - Range Grasses Credits: 2

AGRON 550 - Forage Management and Utilization Credits: 3

GRSC 312 - Introduction to Feed and Pet Food Processing Credits: 3

GRSC 313 - Intro to Feed and Pet Food Processing Lab Credits: 1

GRSC 615 - Animal Food Safety Credits: 1

GRSC 645 - Pet Food Processing Credits: 3

GRSC 650 - Nutritional Impacts of Processing Credits: 3

GRSC 661 - Qualities of Feed Ingredients Credits: 3

Total Hours Required: 15