

# Animal Nutrition (Certificate)

The Undergraduate Certificate in Animal Nutrition is designed to allow people to gain recognition for learning the basics of animal nutrition. People who successfully complete the required courses will learn about livestock, horse, and companion animal nutrition. Four required courses (12 credit hours) must be completed with a grade of C (2.0) or higher (a grade of C- will not count) in order to earn the certificate. Current undergraduate students at NC State University who are not majoring or minoring in Animal Science are welcome to complete the certificate. People from around the world who are not current students at NC State University are also welcome to complete the certificate. The four courses can be completed on-campus in Raleigh, via distance education, or in combination (hybrid). Upon successful completion of the certificate requirements, Registration & Records will update the student's transcript and mail the certificate. The Undergraduate Certificate in Animal Nutrition is administered by the Undergraduate Teaching Coordinator for the Department of Animal Science.

## Program Coordinator

**Dr. Shannon Pratt Phillips, PhD**

Professor

Dept. of Animal Science

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Additional information available on the Distance Education website for Animal Nutrition (<http://distance.ncsu.edu/programs/university-certificate-in-animal-nutrition/>).

## Admissions Requirements

A person may be admitted to the certificate program after enrolling in the first course that will be used to fulfill the certificate requirements.

To enroll, contact the Undergraduate Teaching Coordinator for the Department of Animal Science: Dr. Shannon Pratt Phillips, sepratt2@ncsu.edu.

## Plan of Study

Contact the Program Coordinator.

## Registration Information

Contact the Program Coordinator.

## Academic Structure

Term Effective: 1/2010

Plan Code: 11ANCCTU, 32ANCCTU

CIP Code: 01.0901

Description: Undergraduate Certificate in Animal Nutrition

Offered: On-campus and Distance Education (<https://online-distance.ncsu.edu/program/university-certificate-in-animal-nutrition/>)  
format

## Plan Requirements

A minimum grade of "C" (2.0) is required for each course; a C-minus will not be accepted. Undergraduate students majoring or minoring in Animal Science are not eligible to receive the certificate.

Code	Title	Hours
<b>Required Courses</b>		
Select one of the following:		3
ANS 105	Introduction to Companion Animal Science <sup>1</sup>	
ANS 110	Introduction to Equine Science <sup>1</sup>	
ANS 150	Introduction to Animal Science	
PO 201	Poultry Science and Production	
ANS 225	Principles of Animal Nutrition <sup>1</sup>	3
or ANS 230	Animal Nutrition	
Select one of the following:		3
ANS/FS 324	Milk and Dairy Products <sup>1</sup>	
ANS/PO/FM 425	Feed Manufacturing Technology <sup>1</sup>	
ANS 454	Lactation, Milk and Nutrition <sup>1</sup>	
ANS/NTR/PO 415	Comparative Nutrition <sup>1</sup>	3
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> Course is offered online via Distance Education.