

# Feed Science (Certificate)

---

The Graduate Certificate Program in Feed Science is designed to prepare professionals or current degree program students to work in or alongside the animal food industry. The program will provide an advanced foundation in feed science technology, quality assurance and feed formulation, and feed industry leadership. The objectives of this program are for the student to acquire an understanding of the technical aspects of modern animal food manufacturing; food and ingredient quality assurance; animal food safety; feed industry regulations; facility operations, leadership, and safety; formulation; and generally how to apply technical skills to the challenges of the global animal food industry.

## Admission Requirements

Applicants must have a BS/BA degree or equivalent four year degree in order to apply to the program. Individuals interested in this certificate program must contact the coordinator of the certificate program.

## Program Requirements

A minimum of 12 credit hours from the prescribed list of courses and a grade of 'C-' or better in these courses is required to receive credit for the certificate. To receive a Graduate Certificate in Feed Science, a student must have a minimum 3.0 grade point average on all certificate course work. All course work must be registered through NC State University, transfer credit from other universities is not allowed. All work must be completed in four (4) calendar years, beginning from the time the application is approved by the Director of Graduate Programs.

## Plan Requirements

Code	Title	Hours	Counts towards
<b>Core Courses</b>		<b>9</b>	
FM/ANS/NTR/ PO 525	Feed Manufacturing Technology		
FM/PO 580	Feed and Ingredient Quality Assurance		
PO/ANS/NTR 515	Comparative Nutrition		
<b>Elective Courses</b>			
Select a minimum of one of the following courses:		<b>3</b>	
FM 460/ PO 590	Feed Mill Operations and Leadership		
FM 490	Feed Science Seminar		
FM 594	Advanced Feed Mill Practicum		
FM/NTR 790	Advanced Feed Formulation		
<b>Total Hours</b>		<b>12</b>	