Poultry Science (MS)

Degree Requirements

Code	Title	Hours	Counts towards
Required Courses		**10**	
PO 601	Seminar		
PO 685	Master's Supervised Teaching		
ST 511	Statistical Methods For Researchers I		
or ST 512	Statistical Methods For Researchers II		
BCH 451	Principles of Biochemistry		
or BCH 553	Biochemistry of Gene Expression		
Graduate Electives / Research Courses		**20**	
Select courses from "Elective Courses" and "Research Courses" listed below to reach 30 credit hours determined in conjunction with the academic committee			
Total Hours		**30**	

Elective Courses

Code	Title	Hours	Counts towards
Students are encouraged to choose from the following courses:			
PO 504	Avian Anatomy and Physiology	4	
PO 506	Physiological Aspects of Poultry Management	3	
PO 510	Poultry Product Safety: An On-Farm Model	3	
PO 515	Comparative Nutrition	3	
PO 524	Comparative Endocrinology	3	
FM 525	Feed Manufacturing Technology	3	
PO 533	Poultry Processing and Products	3	
FM 580	Feed and Ingrdient Quality Assurance	3	
PO 590	Special Problems in Poultry Science	1-6	
FM 790	Advanced Feed Formulation	3	
IMM 757	Comparative Immunology	3	

Research Courses

Code	Title	Hours	Counts towards
PO 693	Master's Supervised Research	1-9	
PO 695	Master's Thesis Research	1-9	
PO 699	Master's Thesis Preparation	1-9	

Accelerated Bachelor's/Master's Degree Requirements

The Accelerated Bachelors/Master's (ABM) degree program allows exceptional undergraduate students at NC State an opportunity to complete the requirements for both the Bachelor's and Master's degrees at an accelerated pace. These undergraduate students may double count up to 12 credits and obtain a non-thesis Master's degree in the same field within 12 months of completing the Bachelor's degree, or obtain a thesis-based Master's degree in the same field within 18 months of completing the Bachelor's degree.

This degree program also provides an opportunity for the Directors of Graduate Programs (DGPs) at NC State to recruit rising juniors in their major to their graduate programs. However, permission to pursue an ABM degree program does not guarantee admission to the Graduate School. Admission is contingent on meeting eligibility requirements at the time of entering the graduate program.

Faculty

Full Professors

Kenneth E. Anderson

Frank W. Edens

Peter R. Ferket

Jesse Lee Grimes

Hosni Moustafa Hassan

Aaron S. Keiss

Matthew D. Koci

Paul Edward Mozdziak

Edgar Orlando Oviedo-Rondon

James N. Petitte

Associate Professors

Lisa Bielke

Mark T. Knauer

Assistant Professors

Chongxiao (Sean) Chen

Adam Charles Fahrenholz

Michael Vadakekara Joseph

Mahmoud A. N. A. N. Sharara

Ondulla Tyvette Toomer

Lin Walker

Lin Li Walker

Emeritus Faculty

Thomas A. Carter

Vern L. Christensen

Warren J. Croom Jr.

Jimmy Dale Garlich

Winston Murry Hagler

Gerald B. Havenstein

Brian W. Sheldon

Jason C. Shih

Thomas David Siopes

Charles Michael Williams

Adjunct Faculty

Andrea Villanes Arellano

Bartosz Kempisty

Aaron Shawn Kiess

Rasha Qudsieh

Nelson E. Ward