

Poultry Science

Course offerings and research programs are comprehensive in the areas of physiology, nutrition, microbiology, molecular biology, biotechnology, food science, immunology, genetics, pathology, and toxicology. The demand for skilled workers with advanced training in poultry science is far greater than the supply. Opportunities exist for graduates in research and teaching in universities, government, and private industry.

Master's Degree Requirements

While there are no specific course requirements for the master's degree in Poultry Science, most programs complete 36 credit hours.

Doctoral Degree Requirements

See Animal Science and Poultry Science.

Student Financial Support

Both research and teaching assistantships are available on a competitive basis within the department. General requirements for these assistantships are as described in the Graduate Catalog. Other financial support may be available in the form of graduate stipend supplementation, research grant support, or out-of-state tuition waivers in accordance with the University's Graduate Student Support Plan.

Other Relevant Information

The Department of Poultry Science occupies modern facilities in Scott Hall, a three-story building on the main campus adjacent to the D.H. Hill Library. The department consists of about 20 faculty, approximately 40 support staff, 25 graduate students and postdoctoral associates, and 100 undergraduate students.

Poultry Science Program Website (<https://cals.ncsu.edu/prestage-department-of-poultry-science/students/graduate-programs/>)

Admission Requirements

Factors considered for admission include grade point average, strength of prior academic program, experience, letters of recommendation, and special skills or interests. GRE scores are recommended, but not required.

Applicant Information

- **Delivery Method:** On-Campus
- **Entrance Exam:** None
- **Interview Required:** None

Application Deadlines

- **Fall:** January 25 (US); March 1 (Intl)
- **Spring:** October 15 (US); July 15 (Intl)
- **Summer 1:** March 25 (US); December 15 (Intl)
- **Summer 2:** May 10 (US); December 15 (Intl)

Degrees

- Poultry Science (MR) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/poultry-science-mr/>)

- Poultry Science (MR): PSM (<https://next-catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/poultry-science-mr/#psmtext>)
- Poultry Science (MS) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/poultry-science-ms/>)
- Poultry Science (Minor) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/poultry-science-minor/>)
- Feed Science (Certificate) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/feed-science-certificate/>)
- Animal Science & Poultry Science (PhD): Poultry Science Concentration (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-poultry-science/animal-poultry-science-phd-poultry-sci/>)

Faculty

Department Head

Frank Siewerdt

Director of Graduate Programs

Kenneth E. Anderson

Department Research Leader

Matthew D. Koci

Department Extension Leader

Adam C. Fahrenholz

Director of Undergraduate Programs

Lynn Worley-Davis

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

Associate Professors

Lisa Bielke

Elaine Bohórquez

Adam C. Fahrenholz

Yewande Fasina

Tom Frost

Bartosz Kempisty

Zack Lowman

Donald R. McIntyre

Basheer Nusairat

Rasha Qudsieh

Muquarrab Qureshi

Hugo Romero-Sanchez

Ondulla Tyvette Toomer

Nelson E. Ward

Assistant Professors

Yan Campbell

Michael Vadakekara Joseph

Ramon D. Malheiros

Allison Pullin

Lin Walker

Lynn Worley-Davis

Research Scholars

Ishab Poudel

Emeritus Faculty

Thomas A. Carter

Vern L. Christensen

Patricia A. Curtis

Warren J. Croom Jr.

Jimmy Dale Garlich

Winston Murry Hagler

Gerald B. Havenstein

James N. Petite

Brian W. Sheldon

Jason C. Shih

Thomas David Siopes

Charles Michael Williams

Michael Wineland

Adjunct Faculty

Tuoying Ao

Andrea Villanes Arellano

Jose Bruno-Barcena