

# 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

Course requirements vary depending on the type of master's degree being pursued. See our Poultry Science MS (thesis), MR (non-thesis), and PSM (Professional Science Master's) degree programs for details on the course requirements for each program. All students are required to take a seminar course, a supervised teaching course, and a graduate level statistics course. MS students must also complete research credit hours, and PSM students must complete hours for a directed project. Our master's degree programs require 30-36 credit hours.

## Doctoral Degree Requirements

See Animal Science and Poultry Science - Concentration in Poultry Science for more information about our doctoral degree requirements.

## 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:** July 1 (US Citizens and Permanent Residents); June 1 (International Candidates)

- **Spring:** November 25 (US Citizens and Permanent Residents); October 10 (International Candidates)
- **Summer 1:** March 25 (US Citizens and Permanent Residents); February 20 (International Candidates)
- **Summer 2:** May 10 (US Citizens and Permanent Residents); March 15 (International Candidates)

## 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

---

## Assistant Professors

Yan Campbell

Michael Vadakekara Joseph

Ramon D. Malheiros

Samuel Mwangi

Allison Pullin

Lin Walker

Lynn Worley-Davis

---

## Research Scholars

Ishab Poudel

---

## Adjunct Faculty

Lawrence Epling

Yewande Fasina

Dinabandu Joardar

Bartosz Kempisty

Michael Martin

Donald R. McIntyre

Basheer Nusairat

Hilary Pavlidis

Rasha Qudsieh

Muquarrab Qureshi

Hugo Romero-Sanchez

Ondulla Tyvette Toomer

---

## Emeritus Faculty

Vern L. Christensen

Patricia A. Curtis

Warren J. Croom Jr.

Jimmy Dale Garlich

Winston Murry Hagler

Gerald B. Havenstein

James N. Petitte

Brian W. Sheldon

Jason C. Shih

Thomas David Siopes

Charles Michael Williams

Michael Wineland

---

## AREA SPECIALIZED AGENTS (Affiliate Graduate Faculty)

Marissa Cohen

Mary Helen Fosnaught