

Animal Science

Animal science offers an opportunity for training in a diversity of basic sciences and the integration of such knowledge into the framework of a living system. Students can major in animal science or co-major in animal science and one of the following disciplines: biochemistry, genomics, genetics, microbiology, nutrition, physiology or statistics. Students can also concentrate in management and production areas.

Master of Science

A minimum of 30 credit hours, including 18 hours of graduate level course work in the degree program, is required. Students also complete and defend a thesis based on their research. The minor is optional. If a student selects a minor, the advisory committee must include a member from the minor field.

Master of Animal Science

The non-thesis Master of Animal Science (MR) degree (Option B) requires a minimum of 36 credit hours, 19 credits of core courses and 17 credits of elective courses. The MR degree program is also offered through distance education.

Student Financial Support

A limited number of research and teaching assistantships are available for students in the M.S. degree program through the department and are awarded on a competitive basis. Students are also supported by research grant funds awarded to faculty members. The total support package includes health insurance, tuition, and a stipend. Students applying for assistantships should apply by January 31 for fall admission.

Other Relevant Information

To provide an opportunity for students to develop their teaching skills, graduate students in a program that includes a thesis are required to assist in the departmental teaching program regardless of source of financial support. All graduate students in the Department of Animal Science who are mentored by departmental graduate faculty members are required to teach a minimum of one semester during their M.S. program.

More Information

Animal Science Program Website (<https://cals.ncsu.edu/animal-science/>)

Distance Website (<https://online-distance.ncsu.edu/program/master-of-animal-science/>)

Admission Requirements

Factors considered for admission include: grade point average, scores on the GRE, undergraduate courses, experiences, statement of interest, and letters of recommendation. In addition, a member of the Animal Science Graduate Faculty must be willing to serve as the applicant's advisor for the M.S. program.

Applicant Information

Animal Science (MR)

- **Delivery Method:** On Campus, Online, Hybrid
- **Entrance Exam:** GRE
- **Interview Required:** None

Animal Science (MS)

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

Application Deadlines

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

Degrees

- Animal Science (MR) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-science/animal-science-mr/>)
- Animal Science (MS) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-science/animal-science-ms/>)
- Animal Science (Minor) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-science/animal-science-minor/>)

Faculty

Glen William Almond

Joan Eisemann

Charlotte E. Farin

Vivek Fellner

William Lucas Flowers IV

Fikret Isik

Sung Woo Kim

Duane K. Larick

Hsiao-Ching Liu

Christian Maltecca

Melissa Schuster Merrill

Jeannette A. Moore

Jack Odle

Shannon Elizabeth Phillips

Jorge A. Piedrahita

Matt H. Poore

Miles T. See

Yanbin Shen
Paul David Siciliano
Eric VanHeugten
Elizabeth B. Wilson
Dana J. Hanson
Mark T. Knauer
Daniel Heath Poole
Korinn Edna Saker
Giuseppe Valacchi
Debora A. Esposito
Jonathan Paul Holt
Jicai Jiang
Michael Vadakekara Joseph
Suzanne McKay Leonard
Casey C. Nestor
Carrie L. Pickworth
Xiaoqiu Wang
Stephanie Hill Ward
Kimberly Dawn Ange-Van Heugten
Deidre Danielle Harmon
James B. Holland
Francesco Tiezzi Mazzoni Della Stella Ma
Shweta Trivedi
Lin Xi
Brenda P. Alston-Mills
Geoffrey A. Benson
Leonard S. Bull
Roger G. Crickenberger
Kenneth L. Esbenshade
Warren H. Croom, Jr.
Eugene Eisen
Winston Murry Hagler
Raymond W. Harvey
Brinton Alden Hopkins
Gerald B. Huntington
James R. Jones

Jean-Marie Luginbuhl
Roger Lee McCraw
William M. Morrow
Richard M. Myers
Robert M. Petters
Odis Wayne Robison
Frank D. Sargent
Jerry Wayne Spears
Steven Paul Washburn
Michael David Whitacre
Lon Weidner Whitlow
Charles Michael Williams
Todd Aaron Armstrong
Raymond Dean Boyd
Max T. Coffey
Kent A Gray
Jeffrey Alan Hansen
Justin W. Holl
Elizabeth A. Koutsos
Douglas Wyatt Newcom
Theo A. van Kempen
Rasha Qudsieh

Assistant Professor

Felipe Alves Correa Carvalho da Silva