

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

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No results were found.

Faculty

Glen William Almond

Eduardo Beltranena

Marissa Cohen

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

Christina Phillips

Jorge A. Piedrahita

Matt H. Poore

Miles T. See

Yanbin Shen

Paul David Siciliano

Felipe Alves Correa Carvalho da Silva

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