

Entomology

Course offerings or research facilities are available in the following areas: agricultural entomology, apiculture, aquatic entomology, behavior, biological control, chemical ecology, forest entomology, genetic pest management, host-plant resistance, insect ecology, insect transmission of plant pathogens, insect microbe interactions, medical and veterinary entomology, pest management, physiology, molecular biology, population genetics, insect symbiosis, urban ecology, urban entomology, systematics and toxicology.

Master's Degree Requirements

A minimum of 30 credits are required for graduation 9 credits of letter grade entomology courses plus 2 credits of entomology student seminars are also required. The student's advisory committee will meet with the student to identify an appropriate plan of course work.

Doctoral Degree Requirements

A minimum of 72 credits (18 may be transferred from a Master's degree) are required for graduation. For Ph.D. students 9 credits of letter grade entomology courses plus 3 credits of entomology student seminars are required. The student's advisory committee will meet with the student to identify an appropriate plan of course work.

Student Financial Support

Graduate assistantships and other forms of aid are available to students as described in the Fellowships and Graduate Assistantships section of the Graduate Catalog.

More Information

Entomology Program Website (<https://cals.ncsu.edu/entomology-and-plant-pathology/students/graduate/entomology/>)

Admission Requirements

Training in biology and appropriate courses in chemistry, biochemistry, mathematics and physics, is preferred. A "B" average (3.0 GPA) is required in biology courses and an overall 3.0 GPA during the last two years of the undergraduate program.

Other Relevant Information

Full admission is permitted only after acceptable applicants have secured an advisor and appropriate financial support. All students are expected to begin their research as soon as possible.

Applicant Information

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

Application Deadlines

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

Degrees

- Entomology (MR) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-mr/>)
- Entomology (MS) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-ms/>)
- Entomology (PhD) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-phd/>)
- Entomology (PhD): Behavioral Biology Concentration (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-phd-behavioral-biology-concentration/>)
- Entomology (Minor) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-minor/>)
- Genetic Engineering & Society (Minor) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/genetic-engineering-society-minor/>)

Faculty

Full Professors

Rick Lynn Brandenburg

David Buchwalter

Wayne G. Buhler

Hannah J. Burrack

Robert R. Dunn

Steven D. Frank

Fred L. Gould

Rebecca Elizabeth Irwin

George G. Kennedy

Dominic Duane Reisig

Richard M. Roe

Coby J. Schal

Jules Silverman

Clyde E. Sorenson

David R. Tarpy

James F. Walgenbach

David W. Watson

Anna Elizabeth Whitfield

Brian M. Wiegmann

Associate Professors

Marce D. Lorenzen

David B. Orr

Michael Hay Reiskind

Dorith Rotenberg

Assistant Professors

Zachary Steven Brown

Sydney E. Crawley

Anders Schmidt Huseth

Lorena Lopez

Aram Arshak Mikaelyan

Gareth Stephen Powell

Adrian A. Smith

Elsa Youngsteadt

Emeritus Faculty

Charles Smith Apperson

Jack S. Bachelier

James R. Baker

Julius R. Bradley Jr

Wayne Maurice Brooks

William V. Campbell

Lewis L. Deitz

Maurice H. Farrier

Fred P. Hain

James D. Harper

Ruediger C. Hillmann

John R. Meyer

Harry B. Moore Jr.

Herbert H. Neunzig

John F. Roberts

Robert L. Robertson

Kenneth A. Sorensen

Phillip S. Southern

Ronald Edwin Stinner

John W. VanDuyne

Charles Gerald Wright

Adjunct Professors

Nicholas M. Haddad

Loganathan Ponnusamy

Christopher M. Ranger