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
Assistant Professors
Zachary Steven Brown
Sydney E. Crawley
Anders Schmidt Huseth
Aram Arshak Mikaelyan
Gareth Stephen Powell
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. VanDuyn
Charles Gerald Wright

Adjunct Professors
Nicholas M. Haddad
Loganathan Ponnusamy
Christopher M. Ranger