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 microbiome interactions, medical and veterinary entomology, pest management, physiology, molecular biology, population genetics, insect symbiosis, urban ecology, urban entomology, systematic and toxicology.

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.

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.

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.

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
Aram Arshak Mikaelyan
Elsa Youngsteadt
**Emeritus Faculty**

Charles Smith Apperson  
Jack S. Bacheler  
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

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**Adjunct Professors**

Nicholas M. Haddad  
Loganathan Ponnusamy  
Christopher M. Ranger