Crop Science

The Graduate Program in Crop Science revolves around our vision of being a world leader in Crop Science education and in the generation and application of knowledge required for economically and environmentally sustainable crop systems and products, as well as in developing land management strategies that protect the quality of North Carolina’s soil, water and air resources.

Our mission within the Graduate program is to develop future leaders in Crop Science with a focus on improving crop plants and products, devising effective and sustainable crop production systems and effective and sustainable management techniques in both agricultural and urban settings; and dissemination of crop science knowledge for the benefit of users and producers of food, feed, turf, biofuels and fiber in North Carolina, the nation and the world.

The specific program areas in which Graduate education focuses are crop management and physiology, plant breeding and genetics, weed science, alternative crops and pesticide fate and impact on the environment.

Financial assistance in the form of a Graduate Assistantship is available for most of the students accepted into the program. However, funding is limited and positions are highly competitive within a major professor’s program area. It is recommended that applicants review the department’s faculty listing and communicate directly with faculty members who have similar interest to theirs.

More Information

Crop Science Program Website (https://cals.ncsu.edu/crop-and-soil-sciences/students/graduate/#crop-science)

Distance Website (http://cropsoil.ncsu.edu/academics/online-programs/)

Entrance requirements for the Graduate program in Crop Science follow the NC State Graduate School guidelines. A minimum of a 3.0 GPA at the Baccalaureate or master’s level is required, although exceptions may be made for master’s applicants with a very strong GPA in science classes and/or their final two years, or with substantial post-baccalaureate work experience. Students accepted will typically have a bachelor’s or master’s degree in crop science, or closely related fields, with strong preparation in the biological and physical sciences.

Applicant Information

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

Application Deadlines

• Fall: Jun 25 (US); Mar 1 (Intl)
• Spring: Nov 25 (US); Jul 15 (Intl)
• Summer 1: Mar 25 (US); Dec 15 (Intl)
• Summer 2: May 10 (US); Dec 15 (Intl)

Degrees

• Crop Science (MR) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-mr/)
• Crop Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-ms/)
• Crop Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-phd/)
• Crop Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-minor/)

Faculty

Adjunct Professors

Gina Brown-Guedira
Kent O. Burkey
Thomas E. Carter
Miguel S. Castillo
Guy D. Collins
Richard J. Cooper
Ralph E. Dewey
Keith L. Edmisten
Loren Ray Fisher
Major M. Goodman
Candace H. Haigler
Ronnie W. Heiniger
James B. Holland
David L. Jordan
Vasu Kuraparthy
Ramsey S. Lewis
David P. Livingston III
David S. Marshall
Rouf M. Mian
Grady L. Miller
J. Paul Murphy
Robert P. Patterson
Charles H. Peacock
S. Christopher Reberg-Horton
Robert J. Richardson
Thomas W. Rufty Jr.
Michelle S. Schroeder-Moreno
Randy Wells