

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.

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. The Graduate Record Examination is also required but there is no minimum score on any of the sections.

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.

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 Kuraparthi

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. Ruffy Jr.

Michelle S. Schroeder-Moreno

Randy Wells

Fred H. Yelverton

Wesley J. Everman

Travis W. Gannon

Ramon Gonzalo Leon Gonzalez

Matthew D. Krakowsky

Susana R. Milla-Lewis

Lori J. Unruh Snyder

Charles W. Cahoon

Jeffrey C. Dunne

Benjamin David Fallen

Joseph Lee Gage

Amanda M. Hulse-Kemp

Anna Locke

Angela R. Post

David H. Suchoff

Earl Taliercio

Matthew C. Vann

Rachel A. Vann

Daniel C. Bowman

Daryl T. Bowman

Arthur H. Bruneau

Joseph W. Burton

Harold D. Coble

William K. Collins

Will A. Cope

Frederick T. Corbin

David A. Danehower

James T. Green, Jr.

Harry D. Gross

Robert D. Keys

H. Michael Linker

Raymond C. Long

Jean-Marie Luginbuhl

Gail G. McRae

J. Paul Mueller

Gerald F. Peedin

Rongda Qu

W. David Smith

Janet F. Spears

Harold T. Stalker, Jr.

Gene A. Sullivan

Donald L. Thompson

Jerome B. Weber

Arthur K. Weissinger

P. Randall Weisz

Earl A. Wernsman

A. Douglas Worsham

Johnny C. Wynne

Alan C. York

Thomas R. Sinclair

Research Scholars

Robert E. Austin

Assistant Professors

Amanda Avila Cardoso