

Department of Crop and Soil Sciences

We roll up our sleeves and get our hands dirty to accomplish great things in the Department of Crop and Soil Sciences. Our world-class undergraduate programs prepare students to answer environmental and agricultural challenges, building on our rich history of growing agricultural and environmental sciences in North Carolina and around the globe. But our focus is on the future, because the solutions for feeding a growing population, conserving natural resources and dealing with climate change are rooted in crop and soil sciences.

We conduct research that drives innovation and new technology, expands understanding and provides science-based information to solve problems, but we don't stop there. We make sure our graduates, stakeholders and partners put their gained knowledge and innovation to work for a better tomorrow.

The department offers a broad spectrum of undergraduate opportunities: three bachelor of science degrees, four minors, two certificates, and three associates of applied science. For information about our degrees, follow the links under "Plans" tab shown above.

For more information about this department, including contact information, visit our website (<http://go.ncsu.edu/cropandsoil/>).

Contact Person

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Faculty

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David Crouse

Coordinator of Advising

Brittany DesLauriers

Director of Graduate Programs for Crop Science

Candace Haigler

Director of Graduate Programs for Soil Science

Mike Mullen

Department Extension Leader

Matthew Vann

Professors of Distinction

D. Crouse, *Alumni Distinguished Undergraduate Professor*

R. Dewey, *Philip Morris Distinguished Professor*

J. Dunne, *Severn Peanut Company / Hampton Farms Distinguished Fellow in Plant Breeding*

D. Jordan, *William Neal Reynolds Distinguished Professor*

R. Lewis, *Charles Stuber Distinguished Professor of Plant Breeding*

G. Miller, *Bayer Environmental Science Distinguished Professor of Sustainable Development*

B. Patterson, *Alumni Distinguished Undergraduate Professor*

R. Richardson, *William H. Culpepper Distinguished Professor of Aquatic Weed Science*

M. Vann, *William K. and Ann T. Collins Distinguished Scholar in Tobacco Research and Extension*

M. Vepraskas, *William Neal Reynolds Distinguished Professor*

Professors

A. Amoozegar

D. Crouse

R. Dewey

O. Duckworth

K. Edmisten

W. Everman

T. Gannon

C. Haigler

J. Havlin

R. Heiniger
J. Heitman
V. Kuraparthy
D. Jordan
R. Leon
R. Lewis
R. McLaughlin
S. Milla-Lewis
G. Miller
M. Mullen
J. Murphy
D. Osmond
B. Patterson
S. Reberg-Horton
R. Richardson
W. Shi
M. Vepraskas
F. Yelverton

Associate Professors

C. Cahoon
M. Castillo
G. Collins
L. Unruh Snyder
M.C. Vann
L. Gatiboni
A. Post
M. Vann

Assistant Professors

A. Cardoso
J. Dunne
J. Gage
K. Garcia
A. Johnson

S. Kulesza
H. Li
E. Ozlu
M. Ricker
D. Suchoff
R. Vann
A. Woodley
Q. Zhou

Lecturers

E. Erickson
C. Kranz

USDA Faculty

G. Brown-Guedira
K. Burkey
B. Fallen
A. Franzluebbbers
J. Holland
A. Hulse-Kemp
M. Krakowsky
A. Locke
R. Mian
E. Taliercio
R. Tisdale

Plans

- Agroecology & Sustainable Food Systems (BS): Agroecology Research & Production Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-sustainable-food-systems-bs-agroecology-research-production-concentration/>)
- Agroecology & Sustainable Food Systems (BS): Community Food Systems Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-sustainable-food-systems-bs-community-food-systems-concentration/>)
- Agroecology (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-minor/>)
- Crop and Soil Sciences (BS): Agronomy (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-soil-sciences-bs-agronomy/>)

- Crop and Soil Sciences (BS): Crop Biotechnology (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-soil-sciences-bs-crop-biotechnology-semester/>)
- Crop and Soil Sciences (BS): Soil Science (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-soil-sciences-bs-soil-science/>)
- Crop and Soil Sciences (BS): Turfgrass Science (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/turfgrass-science-bs/>)
- Crop Science (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-science-minor/>)
- Crop Science Certificate (Distance Education) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-science-certificate-distance-education/>)
- Natural Resources (BS): Soil, Water and Land Use Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/natural-resources-bs-soil-water-land-use-concentration/>)
- Regulatory Science in Agriculture (Certificate) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/ag-regulatory-science-certificate/>)
- Soil Science (Certificate) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/soil-science-certificate/>)
- Soil Science (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/soil-science-minor/>)
- Turfgrass (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/turfgrass-minor/>)