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.

A quick overview of our programs:

- The Bachelor of Science (B.S.) program has three specialty areas to choose from: Agronomy, Crop Biotechnology, and Soil Science
- Two undergraduate certificate programs (the Crop Science Certificate and Soil Science Certificate) that allow participants to focus their attention on the core courses of our undergraduate degree programs; both can be completed through distance education (online).
- Two associate degrees through the Agricultural Institute
- Four undergraduate minors

Here are some highlights about our department:

- Our students have the opportunity to join a number of clubs and organizations, from Agronomy Club to Agribusiness/NAMA Club
- Join fellow CALS students on study abroad adventures to

For more information about this department, including contact information, visit our website.

For Additional Information
If you need additional information, or have questions about the undergraduate programs in the Department of Crop and Soil Sciences, you can contact the Undergraduate Programs Office at 919.515.5820 or by email at cropsoil-undergraduate-office@ncsu.edu

Faculty

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Undergraduate Coordinator for Crop and Soil Sciences
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Charles Peacock

Director of Graduate Programs for Soil Science
Rich McLaughlin

Department Extension Leader
Deanna L. Osmond

Distinguished University Professor
M.M. Goodman

Alumni Distinguished Undergraduate Professor
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R.P. Patterson
M.S. Schroeder-Moreno

William Neal Reynolds Professors
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D.L. Hesterberg
D.L. Jordan
M.J. Vepraskas

William Neal Reynolds Professor Emeritus
E.A. Wernsman
A.C. York

Professors
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D.C. Bowman
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K.L. Edmisten
L.R. Fisher
C.H. Haigler
J.L. Havlin
R.W. Heiniger
D.L. Hesterberg
J.B. Holland, (USDA)
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R.S. Lewis
D.P. Livingston, USDA
J.M. Lugibuhl
D.S. Marshall, (USDA)
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G.L. Miller
M.D. Mullen
J.P. Murphy
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R.J. Richardson
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W. Shi
T.J. Smyth
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F.H. Yelverton

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W.K. Collins
M.G. Cook
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F.R. Cox
G.A. Cummings
J.W. Gilliam
D.W. Israel
J.T. Green, Jr.
H.D. Gross
G.R. Gwynn
R.E. Jarrett
G.L. Jones
L.D. King
H.J. Kleiss
J.A. Lee
W.H. Lewis
H.M. Linker
R.C. Long
G.S. Miner
J.P. Mueller
G.F. Peedin
L.L. Phillips
C.D. Raper
G.A. Sullivan
D.L. Thompson
R.J. Volk
J.B. Weber
S.B. Weed
A.K. Weissinger
P.R. Weisz
A.G. Wollum
A.D. Worsham

Professors Emeriti
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J.C. Burns
J.W. Burton
B.E. Caldwell
D.K. Cassel
D.S. Chamblee

Associate Professors
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O. Duckworth
A.K. Graves
J.L. Heitman
V. Kuraparthy
S.R. Milla-Lewis
S.C. Reberg-Horton
M.S. Schroeder-Moreno
L.J. Unruh Snyder
J.G. White

D.M. Lawson
J.T. Walker

Associate Professors Emeriti

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R.L. Davis
J.P. Lilly
G.C. Naderman

Assistant Professors

W.J. Everman
T.G. Gardner
M.L. Polizzotto
E. Taliercio, (USDA)

Adjunct Professors

T.M. Crosbie
D.C. Drehmel
K.D. Getsinger
E.B. Godshalk
P.G. Hunt
R. Liebl
J.A. Ryals
T. Sinclair

Adjunct Associate Professor

B.T. Campbell
M.D. Netherland

Adjunct Assistant Professor

D. Hardy

Associate Members of the Faculty

R.L. Beckmann, (Biological Sciences)
P. Balint-Kurti, (Plant Pathology)
J. Mickle, (Biological Sciences)
L. Parks, (Lecturer)
W.F. Thomson, (Food Science)

Plans

- Agroecology (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-minor/)
- 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/)
- Field Botany (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/field-botany-certificate/)
- 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/)