The graduate programs of the Department of Soil and Crop Sciences are designed to prepare individuals for careers in research, teaching, extension and industry, and management of agronomic enterprises. Agronomy, food science and technology, genetics, molecular and environmental plant sciences, plant breeding, soil science, and water management and hydrological science are majors available to students.

Research-oriented programs in agronomy, genetics, plant breeding, molecular and environmental plant sciences, soil science, and water management and hydrological science lead to the MS or PhD degree in these fields. There is no language requirement at the MS or PhD level. Members of the faculty have expertise in cereal chemistry, crop breeding, crop physiology, environmental agronomy, cytogenetics, plant physiology, protein chemistry, environmental soil science, soil chemistry, soil fertility, soil genesis and classification, soil microbiology, soil mineralogy, soil physics, soil-plant-water relations, turfgrass science, weed science and water microbiology. Recipients of the MS and PhD degrees may obtain a research-, teaching-industry- or extension-oriented position upon graduation.

Research based distance education MS and PhD degrees in Plant Breeding are available and approved for distance education delivery.

Multidisciplinary programs can be arranged with other academic departments in the University.

**Faculty**

Aitkenhead, Jacqueline A, Associate Professor  
Soil & Crop Sciences  
PHD, University of New Hampshire, 2000

Awika, Joseph M, Professor  
Soil & Crop Sciences  
PHD, Texas A&M University, 2003

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PHD, University of Manitoba, Canada, 2010

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Soil & Crop Sciences  
PHD, New Mexico State University, 1981

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PHD, University of Arkansas, 1999

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PHD, University of Calgary, 1994

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PHD, University of Arizona, 2003

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PHD, University of Calgary, 1997

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PHD, University of Wisconsin, Madison, 2004

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Soil & Crop Sciences  
PHD, Colorado State University, 1998

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PHD, Texas A&M University, 2005

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Soil & Crop Sciences  
PHD, Kansas State University, 1985

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PHD, Cornell University, 2008

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PHD, Tubingen University, 2003

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PHD, Texas Tech University, 2007

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PHD, Colorado State University, 1981

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Soil & Crop Sciences  
PHD, Cornell University, 2002

Smith, Ashly Peyton, Assistant Professor  
Soil & Crop Sciences  
PHD, University of Wisconsin, Madison, 2013
Smith, C W, Professor
Soil & Crop Sciences
PHD, University of Tennessee, 1974

Stelly, David M, Professor
Soil & Crop Sciences
PHD, University of Wisconsin, Madison, 1983

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PHD, University of Georgia, 2017

Thomson, Michael J, Professor
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PHD, Cornell University, 2002

Verhoef, Aart, Assistant Professor
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PHD, Ludwig-Maximilians-Universität München, 2007

Wherley, Benjamin G, Professor
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PHD, North Carolina State University, 2008

Wyatt, Briana, Assistant Professor
Soil & Crop Sciences
PHD, Oklahoma State University, 2019

Zhang, Hongbin, Professor
Soil & Crop Sciences
PHD, University of California at Davis, 1990

Masters

- Master of Science in Agronomy (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/agronomy-ms/)
- Master of Science in Plant Breeding (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/plant-breeding-ms/)
- Master of Science in Soil Science (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/soil-science-ms/)

Doctoral

- Doctor of Philosophy in Agronomy (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/agronomy-phd/)
- Doctor of Philosophy in Plant Breeding (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/plant-breeding-phd/)
- Doctor of Philosophy in Soil Science (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/soil-science-phd/)

Certificates

- Regulatory Science in Food Systems Certificate