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

Aburto Guerrero, Felipe Andres, Assistant Professor
Soil & Crop Sciences
PHD, University of California Davis, 2014

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PHD, University of Manitoba, Canada, 2010

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PHD, New Mexico State University, 1981

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PHD, University of Arkansas, 1999

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PHD, Texas A&M University, 1983

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PHD, University of Georgia, 2017
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PHD, University of Delaware, 2021

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PHD, North Carolina State University, 2008

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PHD, Oklahoma State University, 2019

Zhang, Hongbin, Research Professor
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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