

# Crop and Soil Science — Graduate Certificate

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This graduate certificate prepares students in the soil, crop and environmental sciences and the knowledge can be applied within the public and private sectors. The purpose of the certificate is to provide research training and experience in specialized fields such as soil fertility and plant nutrition; soil chemistry; morphology and classification; plant breeding and genetics; weed science; and forage.

Code	Title	Hours
<b>Crop and Soil Science - GCRT</b>		
CSES 6020	Nutrient Management	3
Select 12 Credits of the following:		12
CSES 6010	Analy Plant, Soil & Ani Data	
CSES 6030	Advanced Crop Science	
CSES 6060	Soil Microbiology Lecture	
CSES 6061	Soil Microbiology Lab	
CSES 6080	Soil Resources and Conservation	
CSES 6100	Plant Genetics and Crop Improvement	
CSES 6160	Advanced Turfgrass Management	
CSES 6300	Soil Chemistry	
CSES 6400	Bioenergy and the Environment	
CSES 6500	Forage Production and Utilization	
CSES 6960	Special Problems	
CSES 7140	Chemistry and Use of Herbicides in Crop Production	
CSES 7540	Principles of Plant Nutrition	
PLPA 6200	Mycology	
PLPA 6500	Plant Nematology	
ENTM 6360	Landscape Entomology	