

Crop, Soil and Environmental Sciences

Our distance education graduate degree in Crop, Soil and Environmental Sciences is a 30 credit hour program that closely follows our campus program. Our graduate degrees are based on a customized curriculum you develop with your major professor. Based on your professional goals, you will choose among courses in soil science, crop science, weed science, entomology, and plant pathology.

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DEGREE REQUIREMENTS	COURSE PREREQUISITES	COURSES
	MASTER OF SCIENCE	MASTER OF AGRICULTURE
	GRE Required	GRE NOT Required
RESEARCH AND THESIS (THESIS STUDENTS)	4 credit hours	None
ADVANCED SPECIAL PROBLEMS (NON- THESIS STUDENTS)	None	1-3 credit hours
DATA ANALYSIS (RECOMMENDED)	3 credit hours	3 credit hours
SEMINAR	2 credit hours	1 credit hour
ELECTIVES	21 credit hours	23-25 credit hours
TOTAL	30 credit hours	30 credit hours

DEGREE REQUIREMENTS	COURSE PREREQUISITES	COURSES
<p>Undergraduate course prerequisites are listed below but are at the discretion of the student's graduate committee. Most missing undergraduate courses can be taken after being admitted into the program. Master of Science students are expected to have completed all foundational courses by the third semester of enrollment.</p>		
MASTER OF AGRICULTURE – AGRONOMY & SOILS		
MINIMUM:		
SOIL SCIENCE OPTION		CROP/WEED SCIENCE OPTION
Chemistry – 2 semesters		Chemistry – 2 semesters
Biology – 2 semesters		Biology – 2 semesters

if taking Soil Physics: Physics – 1 semester

RECOMMENDED:

Plant Physiology – 1 semester

Botany – 1 semester

MASTER OF SCIENCE – AGRONOMY & SOILS

MINIMUM:

SOIL SCIENCE OPTION

Chemistry – 2 semesters

Biology – 2 semesters

if taking Soil Physics: Physics – 1 semester

RECOMMENDED:

Calculus I – 1 semester

Organic Chemistry – 1 semester

CROP/WEED SCIENCE OPTION

Chemistry – 2 semesters

Biology – 2 semesters

RECOMMENDED:

Calculus I – 1 Semester

Organic Chemistry – 1 semester

Plant Physiology – 1 Semester

Botany – 1 semester

Genetics – 1 semester

[COURSE PREREQUISITE QUICK REFERENCE GUIDE >](#)

COURSES

PLANT & WEED SCIENCE COURSES

CSES 6036 Advanced Crop Science
CSES 6016 Analyses of Plant, Soil, and Animal Data
CSES 6106 Plant Genetics and Crop Improvement
CSES 6166 Advanced Turfgrass Management
PLPA 6506 Plant Nematology

CSES 6406 Bioenergy and the Environment
CSES 6506 Forage Production and Utilization
CSES 7146 Chemistry and Use of Herbicides
PLPA 6206 Introductory Mycology
ENTM 6366 Landscape Entomology

SOIL SCIENCE COURSES

CSES 6016 Analysis of Plant, Soil, and Animal Data
CSES 6026 Nutrient Management
CSES 6061 Soil Microbiology Lab

CSES 6066 Soil Microbiology Lecture
CSES 6086 Soil Resources & Conservation
CSES 6306 Soil Chemistry

CSES = Crop, Soil and Environmental Sciences
ENTM = Entomology
PLPA = Plant Pathology

Contact

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