

# Crop, Soil, and Environmental — ABM

## Accelerated Bachelor's/Master's Curriculum for the Department of Crop, Soil and Environmental Sciences

The Accelerated Bachelor's/Master's Program (ABM) offers outstanding students in the Department of Crop, Soil and Environmental Sciences an opportunity to earn both the bachelor's and the master's degrees in less time and at less cost than usual. The ABM program allows these exceptional students to count up to 9 hours toward both the bachelor's and master's degrees.

The Bachelor of Science in Crop and Soil Science in either the Production Option, Science Option, Soil, Water, and Land Use Option, or the Turfgrass Option, or the Bachelor of Science in Environmental Sciences can lead to a Master of Science in Crop, Soil and Environmental Sciences the ABM track. Below is an example curriculum for a student in the Science Option of Crop and Soil Science pursuing the Master of Science in Crop, Soil and Environmental Sciences. Please see the Department of Crop, Soil and Environmental Sciences website for additional information, ABM tracks and curriculum models.

Below is a chart of all the approved courses that can be taken in the ABM program and what course that replaces at the undergraduate level.

Code	Title	Hours
CSES 6020	Nutrient Management (Replaces CSES 5020 Nutrient Management)	3
CSES 6030	Advanced Crop Science (Replaces CSES 5030 Advanced Crop Science)	3
CSES 6060	Soil Microbiology Lecture (Replaces CSES 5060 Soil Microbiology)	3
CSES 6080	Soil Resources and Conservation (Replaces CSES 5080 Soil Resources and Conservation)	4
CSES 6150	Soil Morphology (Replaces CSES 5150 Soil Morphology)	4
CSES 6300	Soil Chemistry (Replaces CSES 5300 Soil Chemistry)	4
CSES 6400	Bioenergy and the Environment (Replaces CSES 5400 Bioenergy and the Environment)	3
CSES 6500	Forage Production and Utilization (Replaces CSES 5500 Forage Production and Utilization)	3

## Junior and Senior Year for Students in ABM Program - Crop and Soil Sciences - Science Option

Courses marked with an asterisk are those that can be substituted by graduate level courses by students enrolled in the ABM program to meet nine undergraduate hours during their junior and senior year and nine graduate hours to be used toward their graduate degree.

### Junior

Spring	Hours
PLPA 3000 General Plant Pathology	4
BIOL 3000 Genetics	3
*CSES 5150 Soil Morphology	4
PHYS 1500 General Physics I	4

### Senior

Fall	Hours	Spring	Hours
BIOL 3200 General Microbiology	3	*CSES 5020 Nutrient Management	3
Core Humanities (Fine Arts)	3	*CSES 5500 Forage Production and Utilization or *CSES 5030 Advanced Crop Science	
ENTM 4020 Economic Entomology	4	UNIV 4AA0 Achieve the Creed	0
CSES 5000 Environmental Quality	3	Core Humanities	3
Free Electives	1	*CSES Elective	4
		CSES 4950 Senior Seminar	2

## Accelerated Master of Science in Crop, Science and Environmental Sciences

**First Year**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
CSES 7950 Seminar		1 CSES 7950 Seminar	1
CSES 6xxx-8xxx Elective		10 CSES 7990 Research and Thesis	4
		CSES 6xxx-8xxx Elective	5
	<b>11</b>		<b>10</b>

**Total Hours: 21**