

# PLANT AND SOIL SCIENCES, MS

**Requirements for Students Matriculating in or before Academic Year 2025-2026.** Learn more about Graduate College Academic Regulation 7.0 (<https://catalog.okstate.edu/graduate-college/#70>).

**Total Hours:** 30

Code	Title	Hours
<b>Course Requirements</b>		
Select 24 hours from the following:		24
A minimum of 15 hours of 5000-level or higher courses that include:		
PLNT 5020 or SOIL 5020	Graduate Seminar	
SOIL 5131	Professional Development Colloquium in Plant and Soil Sciences	
PLNT 5110 or SOIL 5110	Problems and Special Study	
9 hours of MATH (including at least 3 hours of STAT in combined BS and MS programs):		
No more than 9 credit hours of 3000- or 4000-level coursework approved for graduate credit.		
Recommended courses at the discretion of the graduate committee that students emphasizing soil science should complete 4 of the 5 courses listed below (or equivalent) during their undergraduate or graduate programs:		
SOIL 5353	Advanced Soil Genesis and Classification	
SOIL 5234	Soil Nutrient Management	
SOIL 5223	Soil Chemical Processes and Impact on Environmental Quality	
SOIL 5683 or SOIL 6583	Soil, Water, and Weather Soil Physics Theory	
SOIL 5383	Advanced Soil Microbiology	
A student may take a maximum of 3 research credit hours. Research hours are to be taken to document student effort in areas not associated with the students thesis. All students must indicate on their Plan of Study whether or not their research will involve human subjects. If human subjects are to be used, approval must be received from the Institutional Research Board (IRB) prior to the beginning of the research.		
PLNT 5230 or SOIL 5230	Research	
<b>Hours Subtotal</b>		<b>24</b>
<b>Thesis</b>		
PLNT 5000 or SOIL 5000	Master's Thesis	6
<b>Hours Subtotal</b>		<b>6</b>
<b>Total Hours</b>		<b>30</b>

## Graduate College Master's Program Requirements

Learn more about Graduate College 2025-2026 Master's Degree Program Requirements (<https://catalog.okstate.edu/graduate-college/>). Check the General Graduate College academic regulations for minimal GPA, language proficiency and other general requirements.