PLANT AND SOIL SCIENCES, MS

Requirements for Students Matriculating in or before Academic Year 2019-2020. Learn more about Graduate College Academic Regulation 7.0 (http://catalog.okstate.edu/graduate-college).

**Total Hours:** 30 Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>PLNT 5020</td>
<td>Graduate Seminar</td>
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<tr>
<td>SOIL 5020</td>
<td>Graduate Seminar</td>
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<tr>
<td>SOIL 5131</td>
<td>Professional Development Colloquium in Plant and Soil Sciences</td>
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<tr>
<td>PLNT 5110</td>
<td>Problems and Special Study</td>
</tr>
</tbody>
</table>

Select 24 hours from the following:

- 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: Problems and Special Study

Select 9 hours of MATH (including 3 hours of STAT):

- 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 3433: Soil Genesis, Morphology, and Classification
  - SOIL 4234: Soil Nutrient Management
  - SOIL 4893 or SOIL 5223: Soil Chemical Processes and Impact on Environmental Quality
  - SOIL 4683 or SOIL 6583: Soil Physics Theory
  - SOIL 4483: 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

**Hours Subtotal:** 24

**Thesis**

- PLNT 5000 or SOIL 5000: Master's Thesis

**Hours Subtotal:** 6

**Total Hours:** 30

**General Graduate College Requirements**

- A minimum Grade-Point-Average of 3.00 is required
- A minimum Grade of "C" is required in all degree applicable courses

**Additional Graduate College Masters Degree Requirements**

**Plan I (coursework with thesis)**

- A minimum of 30 credit hours
  - A minimum of 24 coursework credit hours comprised of:
    - 6 research or creative component credit hours
    - 21 in-residence credit hours (maximum of 9 transfer hours with "B" or better)
    - 21 credit hours at 5000- or 6000-level

**Plan II (coursework without thesis)**

- A minimum of 32 credit hours
  - A maximum of 3 credit hours of research or creative component
  - A minimum of 23 in-residence credit hours (maximum of 9 transfer credit hours with "B" or better)
  - A minimum of 21 credit hours at the 5000- or 6000-level

- No courses utilizing the Pass-No Pass grading system are permitted
- GRAD 5082 or GRAD 5092 may not be used to meet degree requirements