# Soil Science (Minor)

## Plan Requirements

### Master of Science Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td></td>
<td>9</td>
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<tr>
<td></td>
<td>Select nine hours of Soil Science coursework approved in conjunction with the academic committee</td>
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<tr>
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<td><strong>Total Hours</strong></td>
<td></td>
<td>9</td>
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</table>

### Doctoral Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
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<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
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<td>12</td>
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<td>Select twelve hours of Soil Science coursework approved in conjunction with the academic committee</td>
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<td></td>
<td><strong>Total Hours</strong></td>
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<td>12</td>
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</tbody>
</table>

## Faculty

### Full Professors

- Aziz Amoozegar  
  **Area of Research:** Environmental Soil Physics
- Stephen W. Broome  
  **Area of Research:** Environmental Soil Science
- David A. Crouse  
  **Area of Research:** Soil Science Education
- Owen W. Duckworth  
  **Area of Research:** Soil Biogeochemistry
- Alan J. Franzluebbers  
  **Area of Research:** Soil Ecology and Management
- John L. Havlin  
  **Area of Research:** Soil Fertility
- Joshua L. Heitman  
  **Area of Research:** Soil Physics & Hydrology
- Richard A. McLaughlin  
  **Area of Research:** Urban Soil & Water Management
- Michael D. Mullen  
  **Area of Research:** Soil Biology & Soil Science Education
- Deanna L. Osmond  
  **Area of Research:** Soil Fertility & Watershed Management
- Wei Shi  
  **Area of Research:** Soil Microbiology & Ecology
- Michael J. Vepraskas  
  **Area of Research:** Wetland Soils & Pedology

### Assistant Professors

- Kevin Garcia  
  **Area of Research:** Plant-Microbe Interactions & Nutrient Transport
- Terrence G. Gardner  
  **Area of Research:** Soil & Environmental Microbial Ecology
- Luciano C. Gatiboni  
  **Area of Research:** Soil Fertility & Nutrient Management
- Amy M. Johnson  
  **Area of Research:** Soil Science
- Stephanie B. Kulesza  
  **Area of Research:** Nutrient Management and Animal Waste
- Matthew C. Ricker  
  **Area of Research:** Pedology
- Alex L. Woodley  
  **Area of Research:** Sustainable Agricultural Systems

### Associate Professors

- Alexandria K. Graves  
  **Area of Research:** Soil Microbiology

### Practice/Research/Teaching Professors

- Robert E. Austin  
  **Area of Research:** Geospatial Information and Analytics in Soils, Agriculture and Environmental Science

### Emeritus Faculty

- Stanley W. Buol
- Keith Cassel
- Maurice Cook
- Fred Cox
- Carl Crozier
- George Cummings
- J. Wendell Gilliam
- Dean L. Hesterberg
- Daniel Israel
- Joseph Kleiss
- David Lindbo
- Gordon Miner
- George C. Naderman Jr.
- Wayne Robarge
- Thomas J. Smyth
Richard Volk
Michael Wagger
Jeffrey G. White
Arthur Wollem