# PH.D., NATURAL RESOURCES AND SUSTAINABILITY

## Minimum Requirements for Degree: 26 credits (18 thesis credits)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td><strong>General University Requirements</strong></td>
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<tr>
<td></td>
<td>Complete the general university requirements. (<a href="http://catalog.uaf.edu/graduate">http://catalog.uaf.edu/graduate</a>)</td>
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<tr>
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<td><strong>Ph.D. Degree Requirements</strong></td>
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<td>Complete the Ph.D. degree requirements. (<a href="http://catalog.uaf.edu/graduate/#phd">http://catalog.uaf.edu/graduate/#phd</a>)</td>
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<td>Complete course work in thematic area(s) as determined by the advisory committee.</td>
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<td><strong>Required and Elective Elements</strong></td>
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<tr>
<td>NRM F647</td>
<td>Global to Local Sustainability</td>
<td>3</td>
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<tr>
<td>NRM F649</td>
<td>Integrated Assessment and Adaptive Management</td>
<td>3</td>
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<tr>
<td>NRM F692</td>
<td>Graduate Seminar (Complete two semesters)</td>
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<td>Outreach activity of one annual public presentation</td>
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<td>Written and oral comprehensive exams</td>
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<td>Dissertation defense seminar</td>
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<td>Dissertation defense examination</td>
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<td></td>
<td>Doctoral dissertation</td>
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</table>

1. **Advancement to candidacy occurs when the student demonstrates mastery in understanding sustainability and in-depth knowledge of the student’s dissertation research topic area. Requirements for advancement to candidacy are determined by the academic committee of the student, and shall be consistent with the candidacy requirements for Ph.D. studies at UAF. The basis of the evaluation will be written and oral comprehensive exams.**