# Degree Program Assessment Plan

## Degree Program - CASNR - Natural Resources Management (BS)

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## Student Learning Outcome: Communication

Students will demonstrate communication skills in writing, speaking, and group discussion.  
**Outcome Status:** Active  
**Outcome Type:** Student Learning

### Assessment Methods

<table>
<thead>
<tr>
<th>Assessment Method</th>
<th>Criterion</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Performance</strong> - Grades on writing assignments in writing-intensive classes</td>
<td>More than 75% of students receive a grade of C or above on writing assignments in writing intensive classes (NRM 3325, 4303, 4304, 4309, 4401, 4408)</td>
</tr>
<tr>
<td><strong>Student Exit Survey</strong> - Self assessment of written communication skills at the end of studies</td>
<td>Responding students self-assess at an average score of 7 out of 10 or higher on written communication questions.</td>
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<tr>
<td><strong>Student Exit Survey</strong> - Participation in graduating senior exit surveys</td>
<td>More than 75% of graduating seniors participate in the senior exit surveys each semester.</td>
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<tr>
<td><strong>Student Exit Survey</strong> - Self assessment of oral communication skills at the end of studies</td>
<td>Responding students self-assess at an average score of 7 out of 10 or higher on oral communication questions.</td>
</tr>
<tr>
<td><strong>Performance</strong> - Graded performance on group discussion in an appropriate class where participation is explicitly graded</td>
<td>More than 75% of students receive a C or above for performance in group discussion in an appropriate class (NRM 3307) where participation is explicitly graded.</td>
</tr>
<tr>
<td><strong>Student Exit Survey</strong> - Self assessment of group discussion skills at the end of studies</td>
<td>Responding students self-assess at an average score of 7 out of 10 or higher on group discussion questions.</td>
</tr>
<tr>
<td><strong>Performance</strong> - Performance on presentation at seminar (Active)</td>
<td>More than 75% of students receive a C or above for their performance on presentations in NRM 3325 Seminar.</td>
</tr>
</tbody>
</table>
Student Learning Outcome: Scientific Method

Students will demonstrate knowledge of the scientific method and the abilities to think critically and solve problems.

Outcome Status: Active
Outcome Type: Student Learning

Assessment Methods

Performance - Performance on "scientific method" questions in an appropriate class (Active)
Criterion: More than 75% of students receive a C or above for their performance on "scientific method" questions in an appropriate class (such as NRM 2307).

Student Exit Survey - Self assessment of critical thinking skills at end of studies (Active)
Criterion: Responding students self-assess at an average score of 7 out of 10 or higher on critical thinking questions.

Performance - Performance on specific questions in appropriate classes (NRM 4408) (Active)
Criterion: More than 75% of students receive a C or above for their performance on specific questions in designated courses (NRM 4408).

Student Learning Outcome: Quantitative and Analytical Skills

Students will demonstrate quantitative and analytical skills and the ability to use appropriate technology.

Outcome Status: Active
Outcome Type: Student Learning

Assessment Methods

Performance - Grade on final exam of appropriate class (NRM 3308) (Active)
Criterion: More than 75% of students in an appropriate class (NRM 3308) receive a final exam grade of C or above.

Performance - Performance on appropriate sections "methods" classes (Active)
Criterion: More than 75% of students receive a C or above in appropriate sections of "methods" classes (NRM 3201).

Student Learning Outcome: Natural Resources

Students will demonstrate content-area expertise in the science of Natural Resources Management.

Outcome Status: Active
Outcome Type: Student Learning

Assessment Methods

Student Exit Survey - Field-specific self assessment at end of studies (Active)
Criterion: Responding students self-assess at an average score of 7 out of 10 or higher on field-specific questions.
Degree Program - CASNR - Natural Resources Management (BS)

<table>
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<tr>
<th>Field Placement/Internship - Ability to obtain job or graduate school position (Active)</th>
</tr>
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<tbody>
<tr>
<td><strong>Criterion:</strong> More than 75% of graduated students have a job or are in graduate school when interviewed 5 years post-graduation and asked about their ability to obtain a job or graduate school position</td>
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</tbody>
</table>

**Student Learning Outcome: Concentration-Specific Skills**

Students will demonstrate the ability to apply the principles of their chosen concentration (a specialization in conservation science, fisheries biology, ranch management, range conservation, or wildlife biology).

**Outcome Status:** Active

**Outcome Type:** Student Learning

**Assessment Methods**

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<tr>
<th>Capstone Assignment/Project - Performance on final exercise in major capstone (Conservation Science - NRM 3307) (Active)</th>
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<tbody>
<tr>
<td><strong>Criterion:</strong> More than 75% of students receive a C or above for their performance on the final exercise in their major capstone course</td>
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<th>Survey - Student - &quot;Before and After&quot; questionnaire (Active)</th>
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<tr>
<td><strong>Criterion:</strong> Students show improvement over the course of a semester on a &quot;before and after&quot; questionnaire (NRM 3307)</td>
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