FOR 463 SFA Arboretum
Spring 2020 3 hours credit

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Catalog Description:

Individual study in line with student’s area of study and interest. Studies usually of resource management in an operational setting under the supervision an approved organization. Must be arranged in advance and approved by the Dean’s office.

Course Description:

This course provides undergraduate research experience for transformative educational opportunities. Student will engage in primary research and data analysis for wilderness management in the Bob Marshall Wilderness area.

Learning Outcomes:

Students will be able to -

- Participate in a service-learning experience;
- Apply on-the-job training to an authentic situation;
- Prepare a professional document and/or presentation according to professional standards;
- Make a presentation to a class about the internship experience.

Grading:

Students successfully participating in the service-learning experience and submitting the criteria of completing a project, documentation of participation and learning, and a presentation to students at SFA will be considered passing.

Program Learning Outcomes:

1. Demonstrate understanding and competency of forest ecology and biology;
2. Demonstrate understanding and competency in the measurement of forest resources;
3. Demonstrate understanding and competency in managing forest resources;
4. Demonstrate understanding and competency of forest resource policy, economics, and administration.
5. Demonstrate understanding and competency in oral and written communication skills.

Items #1 - #4 above are required by the Society of American Foresters, the program’s accrediting agency.

<table>
<thead>
<tr>
<th>B.S. Forestry Program Learning Outcomes</th>
<th>Proficiency Levels</th>
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</thead>
<tbody>
<tr>
<td>PLO 1 Forest Ecology &amp; Biology</td>
<td>N/A</td>
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<tr>
<td>PLO2 Forest Resource Measurement</td>
<td>N/A</td>
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<tr>
<td>PLO3 Forest Resource Management</td>
<td>N/A</td>
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<tr>
<td>PLO4 Forest Resource Policy, Economics, Administration</td>
<td>A</td>
</tr>
<tr>
<td>PLO5 Oral &amp; Written Communication Skills</td>
<td>A</td>
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</tbody>
</table>

N/A – Not Applicable  B-Basic  I-Intermediate  A-Advanced
M-Mastery

**Definition of Rating Categories:**

1. **N/A** – Not Applicable – course does not support the Program Learning Outcome.
2. **B** – Basic – course supports Program Learning Outcome by providing students with fundamental information, definitions, concepts, and lab activities relative to the expected outcomes.
3. **I** – Intermediate – course supports Program Learning Outcome by providing students with topic-specific information, concepts, applications, and lab activities that increase the students’ skills in making tactical implementation decisions relative to the expected outcomes.
4. **A** – Advanced – course supports Program Learning Outcome by providing students with transitional, high level topic-specific information, activities, and opportunities that enable the students to apply their critical thinking and tactical skills to resolved increasingly challenging strategic situations.
5. **M** – Mastery – course supports Program Learning Outcome by providing students with opportunities to independently apply tactical and strategic planning skills to successfully accomplish real-world, non-academic management objectives. Completes students’ preparedness for entry-level professional activity accomplishment.