

Mission

Our mission is to equip our students with the skills, tools, and knowledge to identify feasible and sustainable approaches to environmental issues. As a means to this end, we prepare our students for continued success in advanced studies and/or careers in public or private organizations dedicated to environmental improvement and sustainability.

Academic year 2025

Bachelor of Science in Environmental Science Learning Outcomes

3. Technical Skills **MET**

Develop a working knowledge of techniques used to gather and analyze information in environmental science, including project design, sampling, measurement, geographic image interpretation, hazardous materials concerns, statistical and graphical analysis, and other computational skills.

| MEASURES | RESULTS | ACTIONS | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|------------------|------------------|------------------------------|------------------------------|------------------|------------------|---------|----|----|----------|--------|---------|---|----|----------|--------|-------|----|-----|----------|--------|---|
| <p>Information Literacy - Student can access needed information with appropriate strategies</p> <ul style="list-style-type: none"> ENVS PLO #3 <i>Technical Skills</i> <p>Develop a working knowledge of techniques used to gather and analyze information in environmental studies, including project design, sampling, measurement, geographic image interpretation, hazardous materials concerns, statistical and graphical analysis, and other computational skills.</p> <p>Direct - Quiz (Course)</p> <p><i>Environmental Science Seminar: ENVS 4400</i></p> <p>Target</p> <p>o Unacceptable (BELOW): The percentage of students who correctly answered 70% of the questions is below 75% o Acceptable (MET): The percentage of students who correctly answered 70% of the questions is equal to 75% o Exemplary (EXCEEDED): The percentage of students who correctly answered 70% of the questions is above 75%</p> <p>For individual student performance, < 50% is not met, 50-69% is approaching, 70-84% is met, and 85%+ is exceeded.</p> <p>AY 24-25 Information Literacy 1.docx</p> | <p>MET</p> <p>Information Literacy - Student can access needed information with appropriate strategies</p> <p>■ Exceeded</p> <p>0% 100%</p> <p><i>Values are not shown when too close to each other. Click or use arrow keys to see details.</i></p> <p>Exceeded: 100%</p> <p>Met Total: 100%</p> <p>Not Met Total:</p> <p>Analysis</p> <table border="1"> <thead> <tr> <th rowspan="2">Degree</th> <th rowspan="2"># of Students</th> <th rowspan="2">% of Respondents</th> <th colspan="2">Percent (Number) of students</th> </tr> <tr> <th>With Score > 70%</th> <th>With Score < 70%</th> </tr> </thead> <tbody> <tr> <td>BA ENVS</td> <td>11</td> <td>85</td> <td>91% (10)</td> <td>9% (1)</td> </tr> <tr> <td>BS ENVS</td> <td>2</td> <td>15</td> <td>100% (2)</td> <td>0% (0)</td> </tr> <tr> <td>TOTAL</td> <td>13</td> <td>100</td> <td>92% (12)</td> <td>8% (1)</td> </tr> </tbody> </table> | Degree | # of Students | % of Respondents | Percent (Number) of students | | With Score > 70% | With Score < 70% | BA ENVS | 11 | 85 | 91% (10) | 9% (1) | BS ENVS | 2 | 15 | 100% (2) | 0% (0) | TOTAL | 13 | 100 | 92% (12) | 8% (1) | <p><i>No actions have been added.</i></p> |
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Conclusion

Overall, ENVS BS students scored an average of 88% (SD = 5) on all 3 information literacy quizzes, with 2 of the 2 students (100%) surpassing an average score of 70%. To characterize individual student performance across than all quizzes, 0 students scored < 50% (not met), 0 students scored 50-69% (approaching), 1 students scored 70-84% (met), and 1 student scored higher than an 85% (exceeded). Of all the 3 forms of information literacy, students could use the most improvement on ethical use of information.