<table>
<thead>
<tr>
<th>Foundation ULO 10</th>
<th>Course Learning Outcomes</th>
<th>Assessment Method: Evidence of Student Learning</th>
<th>Planned Teaching &amp; Learning Activities/Pedagogy</th>
</tr>
</thead>
</table>
| Critical reading skills within the discipline | • Develop skills in searching for, retrieving, and evaluating the provenance and reliability of, source materials, on- and offline. Reading and reflecting on accounts of scientific and mathematical developments including historical text and research on the related historical events. | • Reflections and other writings  
• In-class discussions | • Interactive demonstration of library research techniques |
| Writing and/or speaking within the discipline | • Express ideas and opinions clearly and effectively using a formal writing style.  
• Discuss ideas and opinions cogently and articulately. | • Formal presentations in class  
• Short writing assignments | • Student presentations  
• Class discussions |
| Reasoning within the discipline | • Integrate approaches and material learned in the course with independent research on science or math content that is common to K-12 science and math curriculum and is essential STEM knowledge for understanding and deciding on many societal issues. | • Reflections and other writings  
• Presentations  
• Papers or multimedia products  
• Feedback to peers on their presentations | • Student presentations  
• Small-group work |
| Cultural, historical, conceptual, and linguistic awareness | • Analyze the history and content of evolutionary theory from several perspectives.  
• Describe the historical development of aspects of science and mathematics relevant to future teachers. | • Quizzes/exams  
• In-class discussions | • Short lectures  
• Class discussions |
| Personal development | • Reflect on and critique their own work and the work of others. | • Reflections and other writings  
• Feedback to peers on lessons | • Small-group work  
• Class discussions |