# Program Outcomes to PRISM Outcomes Matrix: Bachelor of Arts or Science in Mathematics

*Please look for only ONE or TWO cells where there is a high-impact intersection between your program’s outcomes and the PRISM learning outcomes.*

<table>
<thead>
<tr>
<th>PRISM Student Learning Outcomes</th>
<th>Outcome 1: Apply skills of reason, critique and creative thought</th>
<th>Outcome 2: Utilize and communicate critical thinking skills through reading, writing, and speaking</th>
<th>Outcome 3: Integrate and evaluate knowledge from a variety of sources and disciplines</th>
<th>Outcome 4: Raise important questions and formulate solutions to complex problems</th>
<th>Outcome 5: Develop intellectual curiosity by thinking independently and being active in the learning process</th>
<th>Outcome 6: Practice metacognition by analyzing, assessing, and reconstructing their ways of thinking</th>
<th>Outcome 7: Exercise open-mindedness to new ideas or ways of thinking</th>
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<tbody>
<tr>
<td>Program Outcomes—Upon completion of their Bachelor of Arts or Science in Mathematics, all graduates will be able to:</td>
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**SLO 1:**
Reason mathematically to construct logical arguments to solve problems

**SLO 2:**
Work collaboratively to solve problems

**SLO 3:**
Communicate mathematics both orally and in writing with precision and clarity

**SLO 4:**
Understand a branch of mathematics in depth

**SLO 5:**
Make connections within mathematics

**SLO 6:**
Use technology for conceptual understanding and significant computation

**SLO 7:**
Apply mathematics across disciplines *(BS only)*