## Natural Science – General Education

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Assessment Method</th>
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| **SLO1:** Students apply physical/natural principles to analyze and solve problems. | **Measure 1:** The assessment method is based on course embedded assignments (signature assignments) in 16 course sequences (see attachment under "General Information": List of Approved Natural Science Courses). A sample of the student artifacts (signature assignments) is assessed by a trained group of faculty (ARG-Assessment Reading Group) using a common rubric every semester.  
**Performance Target:** The performance expectation is at least 70% of students score 3 or higher for each dimension of any SLO of the rubric (see attachment under "General Information": NaturalScience_Rubric).  
**Measure 2:** ETS proficiency Profile (abbreviated version) administered every 3 years in the Spring Semester to freshmen and seniors (current: 2015).  
**Performance Target:** Students score above National score under Context based subscores>Natural Sciences. |
| **SLO2:** Students explain how science impacts society.                 | **Measure 1:** The assessment method is based on course embedded assignments (signature assignments) in 16 course sequences (see attachment under "General Information": List of Approved Natural Science Courses). A sample of the student artifacts (signature assignments) is assessed by a trained group of faculty (ARG-Assessment Reading Group) using a common rubric every semester.  
**Performance Target:** The performance expectation is at least 70% of students score 3 or higher for each dimension of any SLO of the rubric (see attachment under "General Information": NaturalScience_Rubric).  
**Measure 2:** ETS proficiency Profile (abbreviated version) administered every 3 years in the Spring Semester to freshmen and seniors (current: 2015).  
**Performance Target:** Students score above National score under Context based subscores>Natural Sciences. |