**Program Student Learning Outcomes Assessment Summary**

**(AY 2012-2013)**

**Program Student Learning Outcomes (PSLOs)**

At the completion of the **Marine Science Program**, the student will be able to:

1. Demonstrate fundamental knowledge of geological, geomorphological, physical,  chemical, and biological oceanography.
2. Apply fundamental knowledge of marine sciences towards identifying and critically  analyzing and outlining potential solutions for local, regional and global problems  relating to marine systems.
3. Apply the scientific process to formulate hypotheses, design experiments, and collect and  analyze data from which valid scientific conclusions are drawn.
4. Communicate effectively, in written and oral forms, utilizing the language and concepts  of marine science.

The above matrix shows the relation between PSLOs, the courses in a program and the expected level of mastery.

**PSLO Assessment Report Summary**

**What we looked at:**

The Marine Science Program, assessment focused on PSLOs 1. Listed below are the results for the PSLO.

**What we found:**

70% of students were able to describe the processes of photosynthesis and cellular respiration in the Marine Biology class.

**What we are planning to work on:**

**Recommendations for students:**