School of Arts & Sciences Program Learning Outcomes
From: AY18 Assessment Plan
Department: Natural Sciences
Program Group: Biology

**Degree: B.S. Biology and Marine Biology and B.A. Biology**

1. Broad Background in Biological Sciences: Students will demonstrate a broad knowledge of biology including chemical principals, cellular metabolisms, organismal diversity, principals of genetics and evolution.

2. Develop critical thinking skills. Students will demonstrate that they can use an empirical approach to evaluate a biological phenomenon using the primary literature.

3. Oral & Written Scientific Communication skills: Students will demonstrate that they are able to represent and communicate biological information. Many of our classes provide the opportunity for students to gain (100 and 200 level classes) and perfect (upper level classes) skills in science communication.

4. Students will gain practical experiences in basic biological Research. Students will demonstrate their knowledge of techniques and skills gained in the biological sciences.