### 2012-13 Program Assessment Update

**Department & Program:** BS - BIOLOGY  
**Submitted by:** Margaret O’Connell

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| Demonstrate knowledge of evolution | Evaluation of evolution section of introductory sequence and of 400-level Evolution course. | Introductory Level: 57.2% earned ≥ 3.0 and 88.8% earned ≥ 2.0 in section covering evolution  
Advanced Level: 53% earned ≥ 3.0 and 94% earned ≥ 2.0 in upper division course on evolution | Will incorporate specific questions in exams to monitor improvement.  
We have distributed a series of rubrics covering core concepts in Biology in general and Evolution in particular to review for the development of these questions. | Information from this assessment will be shared with all faculty and strategies to incorporate suggestions will be discussed. | Students are gaining the fundamental knowledge on evolution. |
| Demonstrate knowledge of form and function of living organisms | Evaluation of animal and plant form and function section of introductory sequence and of 400-level Senior Capstone courses in Animal, Plant, and Microbial Physiology. | Introductory Level: 55.4% earned ≥ 3.0 and 85.7% earned ≥ 2.0 in section covering form and function  
Advanced Level: 77.3% earned ≥ 3.0 and 100% earned ≥ 2.0 in upper division capstone course in Animal, Plant or Microbial Physiology | Will incorporate specific questions in exams to monitor improvement.  
We have distributed a series of rubrics covering core concepts in Biology including form and function to review for the development of these questions. | Information from this assessment will be shared with all faculty and strategies to incorporate suggestions will be discussed. | Students are gaining the fundamental knowledge form and function of living organisms. |