

Student Learning Outcomes Assessment Summary

Fisheries Science, B.S.

School of Fisheries and Ocean Sciences

AYs 2014-2105 + 2015-2016

Submitted by: Andy Seitz
Contact Information: x5254
acseitz@alaska.edu
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1. Assessment information collected

- a. Grades on writing assignments in introductory and capstone courses
- b. Annual retention and graduation rates
- c. Employment and graduate school placement
- d. Experiential Learning Program mentor evaluations
- e. Student rating of program in exit interviews

2. Conclusions drawn from the information summarized above

The Fisheries program is largely meeting its student learning outcomes for its B.S. in Fisheries Science degree, specifically assessment criteria b-e in the previous question. This indicates that the Fisheries program is effectively instructing students and preparing them for careers in fisheries and aquatic sciences. The Fisheries program is not meeting its student learning outcomes on assessment of criterion a in the previous question, which evaluates improvement of student writing ability. However, anecdotally, students indeed are improving their writing, but the assessed lack of improvement likely results from the fact that writing in the introductory and capstone courses is assessed by different instructors who have different grading rigor.

3. Curricular changes resulting from conclusions drawn above

At this time, it is unlikely that any curricular changes will result from conclusions drawn above, per se. However, the Fisheries program has already modified its B.S. degree to be called Fisheries and Ocean Sciences, with two concentrations, one in Fisheries Science and one in Ocean Science.

As a result of the conclusions drawn above, the Fisheries program will review the first assessment criterion listed in question 1, and try to develop a more meaningful assessment of improvement of student writing in the Fisheries program.

4. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting

Andy Seitz conducted the outcomes assessment including data analyses and writing the report. Assessment information was provided by Peter Westley and Trent Sutton. Curricular changes to the B.S. were developed by the SFOS Academic Working Group (Trent Sutton chair, Andy Seitz, Franz Meuter, Sarah Hardy, Brenda Konar, and Ana Aguilar-Islas).