

Appendix 1a. Outcomes assessment summaries for the B.S. in Fisheries Science for FY 2008-2010.

Table 4.1 Outcomes Assessment Implementation Summary – B.S. in Fisheries Science			
Complete a separate table for each degree and certificate program			
	Academic Year		
	2007-08	2008-09	2009-10
Assessment information collected	SAT/ACT Verbal Scores: 6 Grades in ENG 314 or 414: 6 Essays from Fish 400/401: 0 Oral presentation evaluation from Fish 400: 0 Exit interview data were collected for 5 of the 6 students graduating during the 2007-2008 academic year.	SAT/ACT Verbal Scores: 19 Grades in ENG 314 or 414: 6 Essays from Fish 487: 4 Oral presentation evaluation from Fish 487: 4 Exit interview data were collected for the 1 student graduating during the 2008-2009 academic year.	SAT/ACT Verbal Scores: 8 Grades in ENG 314 or 414: 0 Essays from Fish 487: 3 Oral presentation evaluation from Fish 487: 3 Exit interview data were collected for the 3 student graduating during the 2009-2010 academic year.

<p>Conclusions drawn from the information collected above and how are faculty collectively involved in drawing conclusions</p>	<p>The mean SAT/ACT scores (range in parentheses) for these students are as follows: SAT: 982.5 (860 – 1120) ACT Math: 24 (19 - 31) ACT Reading: 22.8 (17 – 33) ACT Science: 23.2 (20 – 25) ACT English: 21 (16 – 25)</p> <p>Summary exit interviews:</p> <p>Program Strengths: Fisheries classes, instructors, a lot of interaction with students and improved course offerings after Amanda and Trent arrived, new faculty, new advising format, AFS</p> <p>Program Weaknesses: Need for a larger availability of classes, no marine biology classes at the undergraduate level, UAF core requirements, need more policy and statistics classes in program, need to add a second semester of ichthyology and a fish physiology course, lack of a sense of cohort, scheduling problems with courses, poor advising, poor instructors</p> <p>Career Preparation: Feel very prepared, yes – a good opportunity, yes, would have liked more hands-on preparation but feels ready for graduate school, not fully because of lack of opportunities</p> <p>Overall Experience: Enjoyed the program, good experience (better than in Biology), great experience, program changes in the past year led to an overall positive experience, good experience</p>	<p>The mean SAT/ACT scores (range in parentheses) for these students are as follows: SAT: 1251 (1250-1490) ACT: 221.1(15-28) ENG 314/414: B+ FISH 487 Essay Grade: B FISH 487 Oral Presentation Grade: A-</p> <p>Summary exit interviews:</p> <p>Program Strengths: Improvement of program, new instructors</p> <p>Program Weaknesses: Need to better recruit Alaskans, need faculty with familiarity with rural Alaska</p> <p>Career Preparation: Feel very prepared, would encourage anyone to come to UAF for an undergraduate education, good to interact with AFS</p> <p>Overall Experience: Great experience, definitely better after revision of undergraduate program</p> <p>Additional program outcome assessment metrics still in development</p>	<p>The mean SAT/ACT scores (range in parentheses) for these students are as follows: SAT: 1330 (1150-1500) ACT: 18.3 (15-23) ENG 314/414: -- FISH 487 Essay Grade: B FISH 487 Oral Presentation Grade: B</p> <p>Summary exit interviews:</p> <p>Program Strengths: Small class sizes, caring environment, opportunities to get involved, faculty and staff helpful</p> <p>Program Weaknesses: Courses that emphasize fish culture, too many video conference courses, some poor instructors</p> <p>Career Preparation: Feel very prepared, experiences helped prepare for work environment</p> <p>Overall Experience: Great experience, program overhaul great, faculty and staff supportive, excellent mentoring, class projects gave confidence that can succeed</p> <p>Additional program outcome assessment metrics still in development.</p>
---	---	--	--

Curricular changes resulting from conclusions drawn above	<p>Course changes: FISH 288 Marine and Freshwater of Fisheries in Alaska (changed from FISH 388), FISH 487 Fisheries Management (changed from FISH 401 to make it a capstone course)</p> <p>Course additions: FISH 315 Fisheries Techniques, FISH 425 Fish Ecology, FISH 490 Experiential Learning Internship</p> <p>Course deletions: FISH 400 Fisheries Science</p>	<p>Course additions: FISH 411 Human Dimensions of Natural Resource Systems, FISH 493 Political Ecology of the Oceans, FISH 499 Fisheries Senior Thesis</p> <p>Major course modifications of content: FISH 261 Introduction to Fisheries Utilization, FISH 336 Introduction to Aquaculture</p>	<p>Course additions: FISH 411 Human Dimensions of Natural Resource Systems, FISH 493 Political Ecology of the Oceans, FISH 499 Fisheries Senior Thesis</p> <p>Major course modifications of content: FISH 261 Introduction to Fisheries Utilization, FISH 336 Introduction to Aquaculture</p>
--	---	---	---