

<Graduate Program in Marine Sciences and Limnology> <School of Fisheries and Ocean Sciences>

Table 4.1 Outcomes Assessment Implementation Summary

MS Oceanography			
	Academic Year		
	2009-10	2010-11	2011-12
Assessment information collected	<p>1) <i>Comprehensive Exams</i></p> <p>2) <i>Review of oral thesis presentation by audience. Rankings on scale of 1-5, with 1 being excellent and 5 being poor.</i></p> <p>3) <i>Review of graduate theses by Department Head. Rankings range from Outstanding to Excellent to Adequate.</i></p> <p>4) <i>Graduate presentation and publication record</i></p> <p>5) <i>Graduates first employment</i></p>	<p>1) <i>Comprehensive Exams</i></p> <p>2) <i>Review of oral thesis presentation by audience. Rankings on scale of 1-5, with 1 being excellent and 5 being poor.</i></p> <p>3) <i>Review of graduate theses by Department Head. Rankings range from Outstanding to Excellent to Adequate.</i></p> <p>4) <i>Graduate presentation and publication record</i></p> <p>5) <i>Graduates first employment</i></p> <p>6) <i>Graduate satisfaction after graduation assessed through an exit interview. Rankings range from very Satisfied to Mostly Satisfied, to Not Satisfied.</i></p>	<p>1) <i>Comprehensive Exams</i></p> <p>2) <i>Review of oral thesis presentation by audience. Rankings on scale of 1-5, with 1 being excellent and 5 being poor.</i></p> <p>3) <i>Review of graduate theses by Department Head. Rankings range from Outstanding to Excellent to Very Good to Good to Acceptable.</i></p> <p>4) <i>Graduate presentation and publication record</i></p> <p>5) <i>Graduates first employment</i></p> <p>6) <i>Graduate satisfaction after graduation assessed through an exit interview. Rankings range from very Satisfied to Mostly Satisfied, to Not Satisfied.</i></p>
Conclusions drawn from the information collected above and how are faculty collectively involved in drawing conclusions	<p>1) One MS Oceanography student took their comprehensive exams this year and passed</p> <p>2) No MS Oceanography students defended this year.</p> <p>3) No MS Oceanography students</p>	<p>1) Three MS Oceanography students took their comprehensive exams this year. Two passed and one had to re-take the exam twice, but then passed.</p> <p>2) One MS student defended this year. The quality of this oral defense averaged 1.6</p>	<p>1) No MS Oceanography students took their comprehensive exams this year.</p> <p>2) Two MS students defended this year. The quality of their oral defenses was around 1.5 for both based on ~14 evaluations each.</p> <p>2) One MS Oceanography student</p>

Submitted by: Name Here

	<p>graduated this year.</p> <p>4) n/a</p> <p>5) n/a</p>	<p>based on 14 evaluations.</p> <p>2) One MS Oceanography student graduated this year. The review by the Program Head of his dissertation was assessed as excellent for both competence of research skills and for level of written communication skills.</p> <p>4) The one student who completed her degree this year presented her research at three scientific venues. It is unknown if they were oral or poster presentations. Her research has not been published in a peer-reviewed journal yet.</p> <p>5) This student is now employed at a state agency doing coastal science education.</p> <p>6) This student was very satisfied with her research experience and training, mostly satisfied with the GPMSL and other UAF courses. This student would have liked to have larger classes. She said that many of the courses that she took, she was the only student or the only one located in Fairbanks. Also, she wished there were more seminars that offered practical experience, such as creating posters and giving presentations. The course that she was least satisfied with outside GPMSL was statistics. We have heard this complain about the statistics department from our students in the past.</p>	<p>graduated this year. The review by the Program Head of her dissertation was assessed as very good for competence of research skills and good for level of written communication skills.</p> <p>4) The one student who completed her degree this year presented her research at three scientific venues. At least two of these were posters. The third is unknown. Part of her research has been published in one peer-reviewed journal as second author.</p> <p>5) The student is now looking into PhD programs but has an interim position as a research technician.</p> <p>6) This student was very satisfied with her research experience and training, mostly satisfied with the GPMSL courses, and very satisfied with UAF courses outside of GPMSL. This student did not enjoy the content of one of the core courses taught in GPMSL.</p>
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<p>Curricular changes resulting from conclusions drawn above</p>	<p>GPMSL faculty have regular, monthly faculty meetings to evaluate and improve our programs. GPMSL decided graduate student satisfaction needed to be measured. An exit interview asking about satisfaction will be implemented next year.</p> <p>The low number of graduates within this program is disconcerting. However, with recent new hires in Oceanography we hope that these numbers will increase over the next several years.</p>	<p>GPMSL faculty have made an effort to offer classes that teach “scientific life skills”. A seminar that offers practical experience in poster and oral presentations and CV preparation is now offered through GPMSL. GPMSL has been aware of the lack of statistics courses within our department and that classes delivered through the Statistics department do not meet our students’ needs. We have voiced this concern with the Statistics department and also have supported the addition of one statistics course to be taught by one of our research faculty in GPMSL.</p> <p>We also decided to improve our outcomes assessment metrics by adding a finer scale for the evaluation of theses by the program head.</p>	<p>GPMSL faculty and the SFOS Curricular Council will review the syllabi of GPMSL courses, including core courses, starting in fall 2012 to assess course contents and potential overlaps.</p> <p>While the GPMSL faculty is overall satisfied with our student performance, we decided that we should provide clearer guidance of our expectations of “successful MS students” and we have developed a list of accomplishments that will prepare them best for the job market and/or continued education.</p>
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