

<Graduate Program in Marine Sciences and Limnology> <School of Fisheries and Ocean Sciences>		
Table 4.1 Outcomes Assessment Implementation Summary		
MS Oceanography		
	Academic Year	
	2012-13	2013-14
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 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>	<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) No MS Oceanography student took their comprehensive exams during this AY.</p> <p>3) One MS Oceanography student (Fisheries Oceanography) defended her thesis during this AY. Twelve reviews of the presentation were received, with an average score across all questions of 1.6. The lowest score was given for placing the study into larger context and study relevance and overall scientific quality.</p> <p>2) One MS Oceanography student (Fisheries Oceanography) graduated this year. The Program Head review rated the research</p>	<p>1) Two MS Oceanography students took the comprehensive exams, one for the first time and one as a repeat exam after a first failed attempt in AY11-12. The repeat student passed the exam, while the first-time student failed all parts of the exam.</p> <p>2) One student defended their thesis. Nine reviews were received of the public defense, with an average ranking across all questions of 1.9. The lowest scores were given for response to audience questions and placing the study into a larger scientific context.</p> <p>3) One MS Oceanography student graduated this year (Fisheries Oceanography). The review by the Program Head rated the</p>

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	<p>skills as very good and written skills as good. The use of figures and tables was very good, citations were current, statistical analysis was good and formatting of thesis was very good.</p> <p>4) The student did not present her work at a national conference but had several smaller, local presentations. She has one peer-reviewed publication of her thesis in preparation.</p> <p>5) The student was very satisfied with the program, especially course work and field research experiences.</p> <p>6) The student is employed by an agency</p>	<p>research skills as good and communication skills as outstanding. The use of figures, references and statistics were overall very good.</p> <p>4) The graduating student presented her research through poster presentations at a scientific conference. Her thesis data contributed to two peer-reviewed publications, where she is second author.</p> <p>5) The student is holding a permanent position with an agency.</p> <p>6) No exit interview was received from the student.</p> <p>One MS student left the program after 1 semester because she was offered a different once-in-a-lifetime career opportunity</p>
Curricular changes resulting from conclusions drawn above	<p>GPMSL faculty have regular, monthly faculty meetings to evaluate and improve our programs. The low number of students is of great concern. The recent departure of several Oceanography faculty have left our program not highly competitive with other Oceanography programs in the nation for the attention of students. Some new faculty have been hired and it is the hopes that this can increase student numbers again.</p>	<p>GPMSL faculty have regular, monthly faculty meetings to evaluate and improve our programs. The problem of not attracting top students due to the fact that we are low in several areas of Oceanography may be reflected in the low passing rate of the students in their comprehensive exams. We are still striving to increase student numbers but we are still low in faculty representation in many areas of Oceanography, and the students taken by some of the new hires will take a while before they show up in our Outcomes Assessment metrics, which focus more on the advanced students. In addition, it is difficult to take many more students because of funding limitations as our program does not hold many TA-ships and all funding has to come from research grants.</p> <p>We need to be better at gathering exit interview information from graduating students.</p>

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