IE Assessment: Four Column Report

TEXAS A&M UNIVERSITY COMMERCE

Academic Program Plan - Sample 2

Student Learning Outcomes (SLOs)	Assessment Methods	Results	Actions/Use of Results
Analyze Human Impacts - Graduating students will be able to analyze human impacts on ecological processes and systems **Learning Outcome Status:** Active **Planned Assessment Cycle:** 2019 - 2020 **Start Date:** 04/24/2020	**Student Evaluations -** Students will be evaluated by an internship supervisor at their internship site. Evaluations will be collected by the instructor of record for the internship course, NRMT 570. Students will be scored on 12 demonstrations of skills on a scale of 1 (insufficient) to 5 (exemplary). Internship course is required for all MS-NRMT students in their third semester of the program. *** Standard of Success:** 85% of students will be rated a 3.0 or higher on analytical skills.	**Reporting Period:** 2019 - 2020 **Conclusion:** Standard of Success Met 26 students in internships were evaluated by their internship supervisors. 92% of student interns were rated a 3 or higher on analytical skills. Only 2 out of 26 students scored below a 3. A breakdown of results appears in the attached documentation. Our students are consistently scored high in this area, demonstrating mastery in their analysis of human impacts on ecological processes and systems. (04/27/2020) **Follow Up on Previous Year Action Plan:** N/A **Related Documents:** NRMT Chart.docx NRMT Student Evaluation Report.pdf	
	Portfolio - Graduating NRMT students must turn in a portfolio prior to graduation which includes samples of work collected across program courses and their internship experience. Portfolios will be uploaded to the online ePortfolio platform and reviewed by a panel of three NRMT faculty and one external advisory board member. A total of 10 points is possible in each of the content domains, with an additional 10 points possible for presentation. *** Standard of Success:** 75% of	**Reporting Period:** 2019 - 2020 **Conclusion:** Standard of Success Met 18 graduating students submitted portfolios in the 2019-20 academic year. 78% of portfolios received 7 or more points in the domain of analysis. Point distribution was as follows: 1 pt (n =0) 2 pts (n=0) 3 pts (n=1) 4 pts (n=0) 5 pts (n=1) 6 pts (n=2) 7 pts (n=6) 8 pts (n=2) 9 pts (n=3)	

Student Learning Outcomes (SLOs)	Assessment Methods	Results	Actions/Use of Results
	students will score 7 out of 10 or more possible points in the domain of analysis.	10 pts (n=3) Student portfolios demonstrated competency in the analysis of human impacts on ecological processes and systems. Artifacts selected by students to represent this learning outcome primarily included essays, papers, and research projects submitted for courses. (04/27/2020) **Follow Up on Previous Year Action Plan:** N/A	
Collect Data - Graduating students will be able to collect relevant field data to evaluate a problem in a social-environmental context **Learning Outcome Status:** Active **Planned Assessment Cycle:** 2019 - 2020 **Start Date:** 04/24/2020	**Student Evaluations -** Students will be evaluated by an internship supervisor at their internship site. Evaluations will be collected by the instructor of record for the internship course, NRMT 570. Students will be scored on 12 demonstrations of skills on a scale of 1 (insufficient) to 5 (exemplary). Internship course is required for all MS-NRMT students in their third semester of the program. *** Standard of Success:** 85% of students will be rated a 3.0 or higher on data collection skills.	**Reporting Period:** 2019 - 2020 **Conclusion:** Standard of Success Met 26 students in internships were evaluated by their internship supervisors. 88% of student interns were rated a 3 or higher on data collection skills. 3 out of 26 students scored below a 3. A breakdown of results appears in the attached documentation. (04/27/2020) **Follow Up on Previous Year Action Plan:** Performance on this SLO fell below the standard of success in the 2 prior assessment cycles. Steps taken by the program to add a team-based field data collection project to NRMT 512 beginning with the 2018-19 academic year have contributed to strengthened abilities in this area for the graduating class of Spring 2020. **Related Documents:** NRMT Chart.docx NRMT Student Evaluation Report.pdf	
	Portfolio - Graduating NRMT students must turn in a portfolio prior to graduation which includes samples of work collected across program courses and their internship experience. Portfolios will be uploaded to the online ePortfolio platform and reviewed by a panel of three NRMT faculty and one external advisory board member. A total of 10 points is possible in each of the content domains, with an additional 10 points possible for presentation. *** Standard of Success:** 75% of	**Reporting Period:** 2019 - 2020 **Conclusion:** Standard of Success Met 18 graduating students submitted portfolios in the 2019-20 academic year. 83% of portfolios received 7 or more points in the domain of analysis. Point distribution was as follows: 1 pt (n =0) 2 pts (n=1) 3 pts (n=0) 4 pts (n=0) 5 pts (n=2) 6 pts (n=0) 7 pts (n=6) 8 pts (n=2) 9 pts (n=4)	

Student Learning Outcomes (SLOs)	Assessment Methods	Results	Actions/Use of Results
	students will score 7 out of 10 or more possible points in the domain of data collection.	10 pts (n=3) Student portfolios demonstrated competency in the collection of field data. Artifacts selected by students to represent this learning outcome primarily included group projects, research projects, and internship work products. (04/27/2020) **Follow Up on Previous Year Action Plan:** The team-based field data collection project added to NRMT 512 was frequently used by students in this cohort as an artifact for the portfolio, further indicating its value for students in developing this learning outcome.	
Formulate a Plan - Graduating students will be able to formulate a plan which incorporates alternative solutions to complex problems in a social-environmental context **Learning Outcome Status:** Active **Planned Assessment Cycle:** 2019 - 2020 **Start Date:** 04/24/2020	**Student Evaluations -** Students will be evaluated by an internship supervisor at their internship site. Evaluations will be collected by the instructor of record for the internship course, NRMT 570. Students will be scored on 12 demonstrations of skills on a scale of 1 (insufficient) to 5 (exemplary). Internship course is required for all MS-NRMT students in their third semester of the program. *** Standard of Success:** 85% of students will be rated a 3 or higher on ability to formulate a plan.	**Reporting Period:** 2019 - 2020 **Conclusion:** Standard of Success Not Met 26 students in internships were evaluated by their internship supervisors. 50% of student interns were rated a 3 or higher on ability to formulate a plan. 13 out of 26 students scored below a 3. A breakdown of results appears in the attached documentation. Our students have performed below the standard on this learning outcome since the beginning of this assessment in 2016-17. Modifications to curriculum and pedagogy have not been successful in better preparing students to formulate a plan in an applied setting. Discussions with internship supervisors indicate that students struggle to produce a clear plan unless given specific instructions. (04/27/2020) **Follow Up on Previous Year Action Plan:** Program faculty have added course assignments and additional lecture time dedicated to how to create and document resource plans in NRMT 548 Natural Resources Policy and Planning. However, the results do not suggest these have significantly impacted performance. **Related Documents:** NRMT Chart.docx NRMT Student Evaluation Report.pdf	**Action/Use of Results:** The NRMT curriculum committee met to review a curriculum map for the program and identified two additional required courses where content related to the SLO can be added. NRMT 520 will add a case study problem which will include a planning component. NRMT 524 will adopt a new textbook which includes a chapter on policy and planning for forest management. The changes will be implemented beginning Fall 2020. (04/27/2020)
	Portfolio - Graduating NRMT students must turn in a portfolio prior to graduation which includes samples of work collected across	**Reporting Period:** 2019 - 2020 **Conclusion:** Standard of Success Not Met 18 graduating students submitted portfolios in the 2019-20 academic year. 67% of portfolios received 7 or more points	**Action/Use of Results:** The NRMT curriculum committee met to review a curriculum map for the program and identified two

Student Learning Outcomes (SLOs)	Assessment Methods	Results	Actions/Use of Results
	program courses and their internship experience. Portfolios will be uploaded to the online ePortfolio platform and reviewed by a panel of three NRMT faculty and one external advisory board member. A total of 10 points is possible in each of the content domains, with an additional 10 points possible for presentation. *** Standard of Success:** 75% of students will score 7 out of 10 or more possible points in the domain of plan formulation.	in the domain of analysis. Point distribution was as follows: 1 pt (n =0) 2 pts (n=1) 3 pts (n=0) 4 pts (n=3) 5 pts (n=2) 6 pts (n=0) 7 pts (n=9) 8 pts (n=3) 9 pts (n=0) 10 pts (n=0) Student portfolios did not demonstrate competency in the learning outcome. Artifacts selected by students to represent this learning outcome primarily included research projects and internship work products. Plan content included was rated higher for organization of information but lower for quality of solutions presented. (04/27/2020) **Follow Up on Previous Year Action Plan:** This learning outcome continues to be a spot of weakness for the program. Course assignments added to NRMT 548 were rarely used as artifacts for this SLO, suggesting their limited utility to students in demonstrating this skill.	additional required courses where content related to the SLO can be added. NRMT 520 will add a case study problem which will include a planning component. NRMT 524 will adopt a new textbook which includes a chapter on policy and planning for forest management. The changes will be implemented beginning Fall 2020. (04/27/2020)
Effectively Communicate - Graduating students will be able to effectively communicate conceptual and quantitative information with audiences of diverse backgrounds **Learning Outcome Status:** Active **Planned Assessment Cycle:** 2019 - 2020 **Start Date:** 04/24/2020	**Student Evaluations -** Students will be evaluated by an internship supervisor at their internship site. Evaluations will be collected by the instructor of record for the internship course, NRMT 570. Students will be scored on 12 demonstrations of skills on a scale of 1 (insufficient) to 5 (exemplary). Internship course is required for all MS-NRMT students in their third semester of the program. *** Standard of Success:** 85% of students will be rated a 3 or higher on communication skills.	**Reporting Period:** 2019 - 2020 **Conclusion:** Standard of Success Met 26 students in internships were evaluated by their internship supervisors. 88% of student interns were rated a 3 or higher on analytical skills. Only 3 out of 26 students scored below a 3. A breakdown of results appears in the attached documentation. Our students are consistently scored well in this area, demonstrating competency in communication. (04/27/2020) **Follow Up on Previous Year Action Plan:** N/A **Related Documents:** NRMT Chart.docx NRMT Student Evaluation Report.pdf	
	Portfolio - Graduating NRMT	**Reporting Period:** 2019 - 2020	

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	students must turn in a portfolio prior to graduation which includes samples of work collected across program courses and their internship experience. Portfolios will be uploaded to the online ePortfolio platform and reviewed by a panel of three NRMT faculty and one external advisory board member. A total of 10 points is possible in each of the content domains, with an additional 10 points possible for presentation. *** Standard of Success:** 75% of students will score 7 out of 10 or more possible points in the domain of communication.	**Conclusion:** Standard of Success Met 18 graduating students submitted portfolios in the 2019-20 academic year. 94% of portfolios received 7 or more points in the domain of analysis. Point distribution was as follows: 1 pts (n=0) 2 pts (n=0) 3 pts (n=0) 4 pts (n=0) 5 pts (n=0) 6 pts (n=1) 7 pts (n=5) 8 pts (n=5) 9 pts (n=4) 10 pts (n=3) Student portfolios demonstrated competency in their ability to effectively communicate conceptual and quantitative information with audiences of diverse backgrounds. Artifacts elected by students represent this learning outcome primarily included research projects, internship work products, and video recorded presentations. This SLO saw the highest performance by students in the portfolio assessment. (04/27/2020) **Follow Up on Previous Year Action Plan:** N/A	