



Program Assessment Followup Report

Program: Environmental Science Technology

Report Year: 2018-19

Drafted by Amanda Gilleland on Aug 24, 2020

Overall Introduction

Student success in obtaining employment after graduation in the field is improved through networking gained through the co-op work experience and utilizing career services available. The coordination between internship and career services staff in coordination with the program administration helps better prepare and coach students through the EVR 2949 co-op work experience class. Participation in EVR 2949 enables them to have a better understanding of workforce demands and application of knowledge and skills learned in the degree program.

Employers value communication skills and knowledge of current applicable laws and regulations in the field; successful completion of a term paper, and knowing research, revision, and editing practices improve this skill. Making student aware of assistance in these areas should improve the success rate of completion of a term paper analyzing a specific applicable topic for this learning outcome.

Continued improvement in equipment for the environmental sampling course to meet current workforce needs will improve student preparedness as they complete their co-op work experience class, apply for jobs, and enter the workforce after graduation.

Program Learning Outcomes

- #1: Scientifically interpret and apply the concepts, principles and theories that constitute aspects of environmental science.
- #2: Evaluate environmental risks and develop plans to address their effects using current methodology and technology.
- #3: Evaluate the role of environmental policies, laws and management practices on the changes in a local ecosystem over a defined period of time.
- #4: Systematically apply field testing and field measurement collection practices in an ecosystem.

Action Plan

Completed Action Items

Category	Action Plan Detail / Completion Explanation	For PLO	Responsible Party / Due Date
A. Enable Greater Student Success			
A1. Identify needs and address ways to improve overall student success			
	Faculty will explore the possibility of reconfiguring course assignment(s) to assist with the improvement of student success across modalities.	#3	Maura Scanlon Dec 2019
	Explanation: Assignments were added in to several courses to improve career outlook and to satisfy a portion of the requirements for one of our certifications.		

Incomplete Action Items

Category	Action Plan Detail / Explanation / Completion Plan	For PLO	Responsible Party / Due Date
There are no items to display			

Evaluation of the Impact of Action Plan Items on Program Quality

This has improved our program quality in two ways; one, it allows students to have a real look at the current job market in environmental science and two, it satisfies our water quality CCC.

Approvals

Program Administrator:

Amanda Gilleland - Chair, Natural Science

Approved by Amanda Gilleland - Chair, Natural Science on Aug 24, 2020

Educational Outcomes Coordinators:

Amy Eggers - Coord, Accredtn&BaccAssessment

Magaly Tymms - Assessment Director

Approved by Magaly Tymms - Assessment Director on Aug 24, 2020

Dean:

Natavia Middleton - Dean, Natural Science & Engr

Approved by Natavia Middleton - Dean, Natural Science & Engr on Aug 24, 2020

Senior Vice President:

Sabrina Crawford - AVP, Institutional Eff Acad Srv

Approved by Sabrina Crawford - AVP, Institutional Eff Acad Srv on Aug 24, 2020