

# Student Learning Outcomes Assessment Summary

## **Environmental Studies Certificate**

UAF College of Rural and Community Development

AY 2016-17

Submitted by: Todd Radenbaugh

Contact Information: taradenbaugh@alaska.edu

Date: 28-Nov-2017

### **1. Assessment information collected**

- a) Number of students enrolled and graduated in and AY 2016-17
- b) Academic performance in ENVI classes as measured by GPA, and total number of seats filled in ENVI classes
- c) Directed Individual capstone projects
- d) Student presentations at science conferences
- e) Job preparedness and successful employment;
- f) Numbers of successful interns;

### **2. Conclusions drawn from the information summarized above**

- a) *Number of students enrolled and graduated AY 2016-17*

There were six (6) active students enrolled in the ENVI Certificate in AY 2016-17.

- No students graduated AY 2016-17, but one student is now enrolled part time in the UAF Bachelor of Arts Degree in Rural Development while working.
- Two of these ENVI Certificate students are on track to graduate in the Fall 2017 semester.

- b) *Academic performance in ENVI classes as measured by GPA, and total number of seats filled in ENVI classes*

- In AY 2016-17 there was five hundred and thirteen (513)enrolled students (seats) in ENVI courses that were completed with a satisfactory academic performance of a GPA above 2.0
- One (1) AY 2016-17 ENVI Certificate student was nominated as the CRCD best science student of the year at the annual graduation ceremony in May 2017.

- c) *Directed Individual capstone projects*

One (1) students completed a directed Individual capstone projects/reports.

- 2016 Project title: Climate Change and My Community, Togiak, AK.
- Two (2) students started their capstone projects in the Spring 2017.

- d) *Student presentations at local, state and national science conferences*

Five (5) undergraduate students presented their mentored research at conferences.

- Three ENVI students presented at Western Alaska Interdisciplinary Science Conference, in Unalaska, AK, April 26-19, 2017
  - One student won the WAISC 2017 *Interdisciplinary Science Student Award*
- Two ENVI students presented at the Alaska Forum on the Environment, in Anchorage, AK. 6-10, Feb, 2017.

*e) Job preparedness and successful employment;*

The ENVI faculty works with tribes, government agencies, and industry to help incentivize potential employers that the individuals who earned the ENVI certificate is a potential indicator quality of job performance.

To increase number of students prepared for both jobs and to enter the ENVI Certificate Program faculty worked on the integration the ENVI Certificate with three Occupational Endorsement in Environmental Studies.

There was one ENVI Certificate Student who received successful employment in Fall 2016.

*f) Numbers of successful interns;*

There were seven, (7) successful interns in the ENVI program in AY 2016-17, one (1) in the Fall 2016 and three (3) in Spring 2017, and three (3) in the Summer 2016. Students did their internships at UAF Chemistry Department, Renewable Energy Alaska Project, UAF BBC, and with the National Park Services Gates of the Arctic Park.

Interviews and questionnaires with the 2016-17 ENVI Interns and their employer show high satisfaction with the ENVI internship program,

**3. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting**

- Dr. Todd Radenbaugh, Dr. Tom Marsik, and Dr. Debi McLean

# Student Learning Outcomes Assessment Summary

## ***Environmental Studies Certificate***

*UAF College of Rural and Community Development*

**AY 2017-18**

**Submitted by: Todd Radenbaugh**

**Contact Information: taradenbaugh@alaska.edu**

**Date: 20-May-2018**

### **1. Assessment information collected**

- a) Number of students enrolled and graduated in AY 2017-18
- b) Average Academic performance in ENVI classes as measured by GPA.
- c) Directed Individual capstone projects with local, state and national conference presentations;
- d) Student presentations at science conferences
- e) Job preparedness and successful employment;
- f) Numbers of successful interns;

### **2. Conclusions drawn from the information summarized above**

- a) *Number of students enrolled and graduated in 2017-18*

There were three (3) active students enrolled in the ENVI Certificate in AY 2017-18.

All ENVI Certificate students took classes in AY 2017-18

There were two graduates of the certificate in Dec 2017 both received successful employment in Feb 2018

- b) *Average Academic performance in ENVI classes as measured by GPA.*

Current ENVI students have satisfactory academic performance with a GPA above 2.0

The AY 2017-18 ENVI Graduate was nominated for the UAF CRCD Science student of the year.

- c) *Directed Individual capstone projects with local, state and national conference presentations;*

Two students completed a directed Individual capstone projects/reports and each made a presentation at a region conference.

- Nov 2017 Project title: *Teaching Sustainability at the Effie Kokrine Charter School*
- Dec 2017 Project title: *Edge effect on Vole Habitats*

- d) Student presentations at science conferences

- **Student Presentation:** Environmental Studies Training for Grades 8-12 Alaskan Rural High School Teachers. Presented at *Western Alaska Interdisciplinary Science Conference*, Ecology and Environment Session Nome, Alaska. March 28-30.
- **Student Presentation:** Teaching Sustainability at the Effie Kokrine Charter School, *Alaska Forum on the Environment*. Anchorage February 6-10, 2018.
- **Student Presentation:** Edge effects of Vole Habitats, Presented at the USFWS conference room in Fairbanks, Dec 20, 2017.

e) *Job preparedness and successful employment;*

Faculty works with tribes, government and agencies to help incentivize potential employers that the individuals who earned the ENVI certificate is a potential indicator quality of job performance.

To increase number of students prepared for both jobs and to enter the ENVI Certificate Program faculty worked on the integration the ENVI Certificate with three Occupational Endorsement in Environmental Studies.

There were two graduates who received successful employment

f) *Numbers of successful interns;*

There were 3 successful interns (Spring semester) Students did their internships at UAF BBC Interviews with the 2017-18. ENVI Interns and their employer show high satisfaction with the ENVI intern programs and completing their responsibilities.

**3. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting**

- Dr. Todd Radenbaugh and Sarah Andrew (Director BBC)