

$\sum_{i=1}^n (x_i - \bar{x})^2 = \sum_{i=1}^n x_i^2 - n\bar{x}^2$
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 $\sum_{i=1}^n (x_i - \bar{x})^2 = \sum_{i=1}^n x_i^2 - n\bar{x}^2$



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WEAKNESSES

The main weakness of the ENVI Certificate is the annual low graduation numbers and low enrollment into the Certificate program. The PAIR data shows three graduates between 2015 and 2019 in spite of the high number of students who have participated in ENVI classes in the past 5 years (Table1). Another weakness is that Bristol Bay Campus has suffered from staff and administrative turn-around these past few years (there has been three Directors), and has not been able to fill some key positions in Student Services and in regional learning centers. This often makes setting up remote classes and contacting students about opportunities difficult.

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Another weakness is the limited time that the few CRCD science

Appendix I

Table 1. Environmental Studies Classes offered from 2015 to 2019

YEAR	Semester	Total classes	1 credit	2 credit	3 credit	Total by year
2019	Fall	8	5	1	2	Total 2019 = 32
	Spring	18	15	1	2	
	Summer	6	5	1		
2018	Fall	11	10		1	Total 2018 = 37
	Spring	21	17	2	2	
	Summer	5	4	1		
2017	Fall	15	12	2	1	Total 2017 = 31
	Spring	15	11	3	1	
	Summer	1	1			
2016	Fall	15	12	1	2	Total 2016 = 38
	Spring	19	15	2	2	
	Summer	4	3	1		
2015	Fall	6	4		2	Total 2015 = 23
	Spring	16	15	1		
	Summer	1	1			
TOTALS		161	130	16	15	

Table 2. The total ENVI headcount (duplicated) for the years 2015 to 2019, with a mean of 341.6 taking students per year.

Appendix II

Student Oral and Posters Presentations from 2015 to 2019

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Degree Program Name	Environmental Studies Certificate
PROGRAM DEMOGRAPHICS	
FY19 Majors	9
FY19 Graduates	0
FY19 SCH from degree program	430 SCH
FY19 UGF allocated to the program	\$139,818
FY19 total program budget	\$173,748
UGF/Major or SCH	\$325/SCH
STAFFING	
Tenure-track FTE faculty impacted by program deletion	1
Non-tenure track FTE faculty impacted by program deletion	0
staff impacted by program deletion	0
-- for each of these describe reduction phase-in during teachout	reduction after one year
PROGRAM IMPACTS	
Potential for the program to obtain external funding	Program is currenty 55% supported by external funds
Impacts on meeting state or workforce n	t

Daniel M. White, Chancellor

P.O. Box 757500
Fairbanks, Alaska 99775-7500
907-474-7112
uaf.chancellor@alaska.edu
www.uaf.edu/chancellor/

March 23, 2020

TO James R. Johnsen, President, University of Alaska

FROM Daniel M. White, Chancellor, University of Alaska Fairbanks

RE UAF Expedited Academic Review

In

10.06.10.C.2, UAF followed the following process for expedited, exceptional Program Review
eline are

incl <https://uaf.edu/assessment-review/expedited-review.php>).

The effort began last October and we are now nearing the final stages of the process. Remaining steps are as follows with this step constituting step number 1, below:

1. Monday, March 23 by 5pm - Chancellor recommendations will be sent to the UA

I concur with

except in the following where I have recommended a different path:

1. Atmospheric science delete with opportunities for students in existing departments in similar areas (e.g., physics, chemistry, engineering) including possible alternative appointments at UAF for research intensive faculty
2. BA Earth Science delete
- 3.



907-474-7143
907-474-5824 fax
www.uaf.edu/rural

P.O. Box 756500, Fairbanks, Alaska 99775-6500

DATE: November 8, 2019
TO: Expedited Program Review Committee
FROM: Bryan Uher, Acting Dean, CRCD
RE: Environment Studies

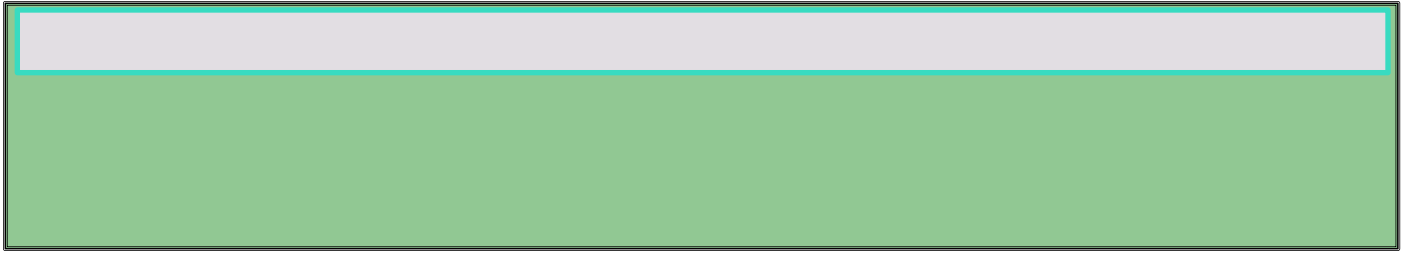
The Environmental Studies (ENVI) program was developed and is administered by the Bristol Bay Campus in Dillingham, Alaska. The program is supported and was created under a USDA Alaska Native/ Native Hawaiian Serving Institution grant, which is still being awarded today.

The program has had a great impact on the Bristol Bay region, and though enrollments and completions has been traditionally low, the program is considering expansion. Program Faculty have plans to submit an NSF grant to support dual credit offerings to school districts across the region, along with working in collaboration with the UAA geography department. Apart from these actions, Environment Studies will be working towards offering courses across all of CRCD campus regions.

I feel that the program should be continued and supported to follow through with their plans for expansion. Originally the program focused mostly on the Bristol Bay region, but with the actions mentioned above, Environmental Studies is looking to grow to other regions within CRCD and the state, increasing enrollment and completions.

If you have any questions or would like to d(e)4(pT206.17 q0.0u n 792 reW000 qh t)-(he)4(UA)4(A)-7(g)10(e)





PROGRAM REVIEW 2014-15

						years
Salary and Benefits						
Commodities						
Contractual						
Travel						
Fiscal Year Totals	\$119,571.63	\$155,845.72	\$98,225.63	\$125,419.67	\$123,794.11	\$622,856.76

PROGRAM REVIEW 2014-15

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PROGRAM REVIEW 2014-15



PROGRAM REVIEW 2014-15

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PROGRAM REVIEW 2014-15

PROGRAM REVIEW 2014-15

Current Outcome Assessment Plan for Environmental Studies

Expanded Statement of Institutional Purpose	Intended Objectives/Outcomes	Assessment Criteria and Procedures	Implementation (what, when, who)
MISSION STATEMENT: The Environmental Studies Certificate (ENVI) at UAF's College of Rural &			

PROGRAM REVIEW 2014-15

- Reflective and open to feedback from others
- Motivated to work with others on projects
- Eager to learn from others

Willingness to involve other students in independent research projects

Cooperative behavior indicated in internships or job performance.

General Conceptual Understanding of Environmental Science

- Dedicated to being a "lifelong student"
-



Current SLOA Summary

Submitted by: Todd Radenbaugh
Contact Information: taradenbaugh@alaska.edu
Date: 16th May-2014

PROGRAM REVIEW 2014-15



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snuukuug

PROGRAM REVIEW 2014-15

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

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PROGRAM REVIEW 2014-15

		Rating
Academic Performance - Accumulated student GPA in core courses and electives	A Grade Point Average of 'C' (2.0) or above in ENVI Certificate courses (Rating scale: C=1, B=2, A=3)	2.5
Directed Individual Project (Capstone Project) <ul style="list-style-type: none"> • Learn the basic scientific reporting methods and research skills necessary to analyze, interpret, and document field and laboratory data. 	Satisfactorily completed environmental science investigation (Directed Individual Study - ENVI 265) involving literature search, data collection, analysis and reporting.	2.5
Academic Involvement <ul style="list-style-type: none"> • Participation above and beyond academic course work 	Actively debates topics in environmental science during class or community events Presents oral or poster presentations at academic conferences or meetings Participate in environmental science internships.	3
Cooperative Learning <ul style="list-style-type: none"> • Reflective and open to feedback from others • Motivated to work with others on projects • Eager to learn from others 	Complete projects with other students Willingness to involve other students in independent research projects Cooperative behavior indicated in internships or job performance.	



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