

Program Review: Environmental Studies

Program Description and Scope:

- *Program Review Title:* Environmental Studies
- *Academic year:* 2016/2017
- *Review Type:* Instructional Disciplines
- *Program/Departments:* Environmental Studies (03020)
- *Authority Code:* 43-Dean, Health & Environmental Sciences
- *External Regulations:* No
- *Provide a brief narrative that describes the instructional program/discipline:*
AA Degrees offered.

College Mission:

- *Mission Statement:*
Ohlone College responds to the educational needs of our diverse community and economy by offering high quality instruction supporting basic skills, career development, university transfer, and personal enrichment and by awarding associate degrees and certificates to eligible students in an innovative, multicultural environment where successful learning and achievement are highly valued, supported, and continually assessed.
- *Program Relation to College Mission:*
 - Career Entry (CTE)
 - University Transfer
- *State Your Program Mission/Purpose:*
The mission of the Ohlone College Department of Environmental Studies is to prepare students to be active participants in shaping a sustainable future. By fostering student understanding of how human society and the environment are interwoven, our program emphasizes the benefits of the triple-bottom line - promoting stewardship of the earth, fostering innovation for a strong economy, and respect, value and equity for the lives of all living things.
- *Briefly Describe Program Accomplishments:*
The number of students and graduates have increased.
Overall head count has increased 2013 - 14 266, 2014 - 15, 374, and 2015 - 16, 399.
All certificates were updated.
Degree better aligned with the CSU and UC systems.

Achievement and Resource Data Analysis:

Research Questions:

1. African Americans students have over 70% of their enrollment withdraw or fail to pass with a grade of C or better, below the department success rate. How might that disparity be addressed?

Resource Assessment Summary:

1. *Academic Year:* 2013-14
2. *Activity Center Fund 10 Budget Allocation:* \$240367.00
3. *FTEs:* Fall: 18 Spring: 26 Summer: 0
4. *WSCH/FTEF:* Fall: 436 Spring: 477 Summer: 0
5. *Course Sections Offered:* Fall: 6 Spring: 8 Summer: 0
6. *Sections Taught FT Faculty:* Fall: 6 Spring: 7 Summer: 0
7. *Sections Taught PT Faculty:* Fall: 0 Spring: 1 Summer: 0

Human Resources:

1. *# of FT Faculty:* 2
 2. *# of PT Faculty:* 1
 3. *# of Classified Staff:* 2
 4. *# of Administrators:* 1
 5. *% Faculty release/reassigned time:* 0%
 6. *Technology:*
 - Specialized Software
 - Technology Enhanced Instructional Equipment
 - Laptops
 7. *Physical Resources:*
 - General Classrooms
 - Specialized Labs
- **Program Analysis PSLOs - Student Learning:**
(Key: I-Introduced, P-Practiced with Feedback, M-Demonstrated at the Mastery Level)
 1. *PSLO Matrix:*

Course	PSLO-1	PSLO-2	PSLO-3	PSLO-4
ENVS 103	I	P	P	P
ENVS 105	I	P	P	P
ENVS 107	P	P	P	I
ENVS 108	I	I	I	I
ENVS 109	P	I	P	P
ENVS 110	P	I	P	P
ENVS 142	I	P	I	I
ENVS 211	P	I	P	P
ENVS 211C	P	I	P	P
 2. *Please Indicate the PSLO(s) which you are reporting on:*
 - Recognize the social, economic, and environmental impacts of humans on earth, and identify sustainable solutions to these environmental problems.
 - Gain experience with a variety of environmental field and laboratory techniques that will emphasize different fields of environmental studies.

- Apply an understanding of science and ecological principles to modern life so students may critically analyze and understand information affecting the environment.
 - Discuss and describe how current, past, and future resource use and environmental policy have affected the health of the environment.
3. *Analyze and summarize your assessment findings? What in the data jumped out?*

Due to the constant revisions and review of curriculum, assignments, and assessments we have seen a steady increase of student success.

2013 - 14 - 69.14%

2014 - 15 - 75.07%

2015 - 16 - 78.70%

We have succeeded the established benchmark set at 73%.

4. *Give examples of assessments used for your PSLO analysis:*
Ecofootprint conducted at the beginning of the course.

The department also has assignments including oral presentations, field trips, journals, garden work, etc.

5. *Describe input from Program Advisory Committee (if applicable):*

Not applicable

6. *Comments:*

There is no one capstone project at this point of time in the ENVS division.

Study abroad program has grown.

New course ENVS 110, plus new ADT Global Studies.

Currently working on the ADT in Environmental Science.

Program Improvement Objectives

1. *Based on the program data analysis and PSLO analysis, identify your Program Improvement Objective(s): What are you going to do? Why are you going to do it?*
Increase awareness of Environmental Study Associate degrees and certificates in order to increase program enrollment.

Notes (optional): Please include any notes related to your PIO. (2500 Character limit)

Program PIO will address the following:

- Course Retention
- Course Completion
- Increase Program Enrollments
- Awareness of, and sensitivity to, diverse cultures and perspectives.

How will you assess the effectiveness of your PIO:

Every spring when graduation degree and certificates are awarded.

PIO Action Plan:

How will you accomplish this?

Make sure web site is up to date. Encourage GREEN club to discuss with other students to peak their interest. Send counselors pertinent information regarding ENVS program. Outreach to the community - per science night. Create an avenue to track student post graduation - FaceBook Alumni Page.

What is your timeline?

Began in Fall 2014. Ongoing.

Who is going to do this?

ENVS faculty.

PIO Status:

- New
- In-Progress

Closing the loop - Describe the results of your PIO implementation or completion:

Ongoing.

Conclusion: Complete if PIO has been completed

Fiscal Resources Status:

- No additional funds needed to faculty. Funds will be needed for marketing materials.

PIO Resources:

- Resource: People Time
Description: Website update

2. *Based on the program data analysis and PSLO analysis, identify your Program Improvement Objective(s): What are you going to do? Why are you going to do it?*
Work with the retention of African American students in ENVS courses. When assigning groups of students, arrange an ethnically diverse group of students so they can share across all cultures. Statistics show African American students struggle in ENVS courses.

Notes (optional): Please include any notes related to your PIO. (2500 Character limit)

2015-2016 academic year showed an interesting mixture of diversity. Of the 354 head count, the distribution consisted of: 0% Native Americans, 1.12% Pacific

Islanders, 1.9% declined to state, 2.5% African American, 7.6% Filipino, 20.9% White, 28.8% Hispanic, 30.5% Asians. Statistics also show that African Americans withdrew a higher proportional rate than other groups. Of the 8 courses offered every semester, 50% are face to face and 50% are online.

Program PIO will address the following:

- Student Learning & Achievement
- Course Completion

How will you assess the effectiveness of your PIO:

Track the program review data.

PIO Action Plan:

How will you accomplish this?

Early alert monitoring for at risk students. Working closely with both faculty and students at risk.

What is your timeline?

Ongoing.

Who is going to do this?

Faculty.

PIO Status:

- New

Closing the loop - Describe the results of your PIO implementation or completion:

Conclusion: Complete if PIO has been completed

Fiscal Resources Status:

- None.

PIO Resources:

- Resource: People Time
Description: Implement early alert for students needing academic assistance

3. *Based on the program data analysis and PSLO analysis, identify your Program Improvement Objective(s): What are you going to do? Why are you going to do it?*
Per the new SSSP state requirements, the AA degree and certificates will be streamlined and aligned with CSU and UC transfer degrees and programs.

Notes (optional): Please include any notes related to your PIO. (2500 Character limit)

Program PIO will address the following:

- Career Technical Education (CTE) Related
- Increase Program Enrollments
- Increase Degrees/Certifications

How will you assess the effectiveness of your PIO:

On a yearly basis, when program review data becomes available we will be able to analyze trends.

PIO Action Plan:

How will you accomplish this?

Outreach - to students. Outreach - to community. Update webpage. Club days. Earth week. Update the counselors to changes in program.

What is your timeline?

Fall 2015 - Spring 2016 academic year.

Who is going to do this?

Faculty. Departmental student employees. Engage counseling to get the word out.

PIO Status:

- Completed

Closing the loop - Describe the results of your PIO implementation or completion:

New degree and certificates are aligned per the SSSP.

Conclusion: Complete if PIO has been completed

PIO achieved - worked

Fiscal Resources Status:

- The resources include faculty time, student employees, CTE grant funding for marketing.

PIO Resources:

Attached Files:

- [2012 spring sloa ENVS 1031.docx](#)
- [2013spring-sloa-envs142.doc](#)
- [2013sp ENVS 109 SLO Rubric SLO#1-2.docx](#)
- [2013sp ENVS 102 SLO#1#2.docx](#)
- [2013spring-sloa-envs108-02.doc](#)
- [PR EnvironmentalStudies 13-14 Updated 12 18 13.docx](#)
- [Presentation Rubric Group Ocean ENVS108.doc](#)
- [envs103.spring 2012 slo in a box1.docx](#)
- [Presentation Rubric Group Climate ENVS108.doc](#)

- [Presentation Rubric Group Environment ENVS108.doc](#)
- [Presentation Rubric Group Forest ENVS108.doc](#)
- [Presentation Rubric Group Fresh Water ENVS108.doc](#)
- [Presentation Rubric Group Lake ENVS108.doc](#)
- [Presentation Rubric Group Delta ENVS108.doc](#)