



# Program Level Assessment: Annual Report

Program Name (no acronyms)

Date (Month/Year) 09/2021

Assessment Contact John Encarnacion

In what year was the data upon which this report is based collected? Academic Year 2020/2021

In what year was the program's assessment plan most recently reviewed? 2020

## 1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle? (Please list the full, complete learning outcome statements and not just numbers, e.g., Outcomes 1 and 2.)

Students will be able to collect, analyze, and interpret environmental data.

## 2. Assessment Methods: Artifacts of Student Learning

Which artifacts of student learning were used to determine if students achieved the outcome(s)? Please describe and identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online b) at the Madrid campus or c) at any other off-campus location.

Several of our learning outcomes are assessed in the junior/senior course EAS3100 Envi (u01 h8)-40j Eu01 h8 303w. This course can only be taken after the fundamental introductory courses have been taken as well as foundational chemistry and biology courses. In this course, several current environmental issues are taken up by students research, discuss/debate, and write a report on those issues. The final grade is based on those activities/reports and reflect the students' achieved outcomes of their learning.

## 3. Assessment Methods: Evaluation Process

What process was used to evaluate the artifacts of student learning, and by whom? Please identify the tools(s) (e.g., a rubric) used in the process and include them in/with this report document (do not just refer to the assessment plan).

Scores/grades for EAS3100 from the Spring 2021 semester were collected. These grades were assessed/calculated by the instructor. Grades were based on submission preparation and participation. Written reports were collected from all students. (page) STL campus, Madrid campus, other off

EAS3100 had 8 students in Spring 2021. Out of 8 students, 7 received a grade of 4.0/4.0 (high achievement and intellectual initiative) and 1 student received a 3.0/4.0 (above average achievement). That is, 87.5% of the students achieved the highest score possible.



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