General Education Annual Course Assessment Form

Course Number/Title: CHEM 130A/Biochemistry and CHEM 131B/Biochemistry Lab

GE Area: R

Results reported for AY 2017-2018 # of sections 1 # of instructors 1

Course Coordinator: Laura Miller Conrad E-mail: laura.miller.conrad@sjsu.edu

Department Chair: Karen Singmaster College: Science

Instructions: Each year, the department will prepare a brief (two page maximum) report that documents the assessment of the course during the year. This report will be electronically submitted to <curriculum@sjsu.edu>, by the department chair, to the Office of Undergraduate Studies, with an electronic copy to the home college by October 1 of the following academic year.

Part 1

To be completed by the course coordinator:

(1) What GELO(s) were assessed for the course during the AY?

GELO 3: Students will be able to apply a scientific approach to answer questions about the earth and environment

(2) What were the results of the assessment of this course? What were the lessons learned from the assessment?

The learning objective was evaluated using a final exam question in the SP 2018 section of CHEM 130A taught by Dr. Elizabeth Migicovsky. The 74 students showed mastery of the learning objective by attaining an average score of 70% on the problem that was assessed.

Final Exam Question:
Imagine that you saw the following post from a friend on social media:
"I read a report online that said all cholesterol is bad, so I’m going to eliminate all cholesterol from my diet and eventually rid my body of cholesterol."
As a student in Chem 130A, you know there are many mistakes in this comment. Write a response to your friend. In your response, give two reasons why humans need cholesterol. Use biochemical rationale.

(3) What modifications to the course, or its assessment activities or schedule, are planned for the upcoming year? (If no modifications are planned, the course coordinator should indicate this.)

No modifications are planned.
Part 2

To be completed by the department chair (with input from course coordinator as appropriate):

(4) Are all sections of the course still aligned with the area Goals, Student Learning Objectives (GELOs), Content, Support, and Assessment? If they are not, what actions are planned?

All sections are aligned.

(5) If this course is in a GE Area with a stated enrollment limit (Areas A1, A2, A3, C2, D1, R, S, V, & Z), please indicate how oral presentations will be evaluated with larger sections (Area A1), or how practice and revisions in writing will be addressed with larger sections, particularly how students are receiving thorough feedback on the writing which accounts for the minimum word count in this GE category (Areas A2, A3, C2, D1, R, S, V, & Z) and, for the writing intensive courses (A2, A3, and Z), documentation that the students are meeting the GE GELOs for writing.

Not applicable.