

Department of Earth and Environmental Sciences, CSCI



ASSESSMENT PLAN: B.S. in Geology

Date prepared: Fall 2023

PROGRAM MISSION

CSUEB Missions, Commitments, and ILOs

CSUEB Geology B.S. Program Description

Geology is the science that explores global change, the evolution of life, earthquakes, volcanoes, landslides, minerals, rocks, mountains, petroleum, water, and their complex relationship to our planet. Classroom, laboratory and field work combine to provide Cal State East Bay students with a strong understanding of natural processes, deep geologic time, sustainability, and the harea and in California. The B.S. program in Geology is the primary professional degree program in Geology offered by the department, and serves as preparation for employment in the field, usually in a technical capacity. The B.A. program offers the student a greater degree of flexibility,

~~addresses California next generation science standards, and is a path to a teaching credential. Students planning an academic or industry career or wishing to do original geologic research should plan on graduate~~

PROGRAM STUDENT LEARNING OUTCOMES (PLOs)

Students graduating with a B.S. in Geology will be able to:

<i>PLO 1</i> <i>ILO 1, 4,6</i>	Develop foundational knowledge in geologic Materials, Processes & Time (Knowledge), Processes & Time (Knowledge)
<i>PLO 2</i>	Develop fundamental geological field and laboratory skills and computer competence

PROGRAM MISSION

1. Which PLO(s) to assess

PLO 2 (*Skills*), PLO 3 (*Analysis*).

2. Assessment indicators

Course assignments and projects. Department rubrics wiy uWgn.2