

# Department of Earth and Environmental Sciences, CSCI

## ASSESSMENT PLAN: B.S., B.A. in Geology

Updated: Winter 2015, by Mitchell Craig and Luther Strayer

### PROGRAM MISSION

[CSUEB Missions, Commitments, and ILOs, 2012](#)

#### **CSUEB Geology BS and BA Program Description**

The undergraduate degree programs consist of required courses plus electives designed to meet the needs of students with objectives ranging from employment at the Bachelor's degree level, through preparation for a secondary school teaching credential, to graduate study in Geology. A B.S. major in Geology is the primary, professional program in Geology, and serves as preparation for employment in



**Year 4: 2016-2017**

1. Which PLO(s) to assess	PLO 1 ( <i>Geologic Materials</i> ), PLO 5 ( <i>Geologic Time</i> )
2. Assessment indicators	Course assignments and projects, precis & oral presentations of topical journal articles in the field. Department rubrics will be used.
3. Sample (courses/# of students)	GEOL 2101, GEOL 2102, GEOL 3701, GEOL 3801, GEOL 3810, GEOL 4800.
4. Time (which quarter(s))	Winter 2017, Spring 2017
5. Responsible person(s)	Luther Strayer, Mitchell Craig, affiliated faculty.
6. Ways of reporting (how, to who)	Reports first to the Chair and then to the entire faculty for comment & discussion. An end-of-year meeting will be devoted to evaluating assessment results and “closing the loop.”
7. Ways of closing the loop	Assess progress made since 2014-2015, adjust strategies. Revise program requirements concurrently with quarter-to-semester conversion.

**Year 5: 2017-2018**

1. Which PLO(s) to assess	PLO 3 ( <i>Interpretation</i> ), PLO 2 ( <i>Data &amp; Analysis</i> )
2. Assessment indicators	Course assignments and projects, with department rubrics.
3. Sample (courses/# of students)	GEOL 3801, GEOL 3810, GEOL 3910, GEOL 4010.
4. Time (which quarter(s))	Fall 2017, Winter 2018, Spring 2018.
5. Responsible person(s)	Luther Strayer, Mitchell Craig, affiliated faculty.
6. Ways of reporting (how, to who)	Reports first to the Chair and then to the entire faculty for comment & discussion. An end-of-year meeting will be devoted to evaluating assessment results and “closing the loop.”
7. Ways of closing the loop	Assess progress made since 2016-17, adjust strategies.