



CALIFORNIA STATE UNIVERSITY, LONG BEACH
VICE PROVOST FOR ACADEMIC PROGRAMS

Memorandum of Understanding

This MOU has been read and approved by:

Department Chair: Roger Lo
Roger Lo

Date: 6/29/2021

Dean, College of Engineering: Jinny Rhee
Jinny Rhee

Date: 10/19/2021

Vice Provost Academic Programs: Jody Cormack
Jody Cormack

Date: 10/20/2021



CALIFORNIA STATE UNIVERSITY, LONG BEACH

OFFICE OF ACADEMIC PROGRAMS
GRADUATE STUDIES

**Memorandum of Understanding
Chemical Engineering BS**

Department of Chemical Engineering
College of Engineering
May 2021 (for September 2020 Review)

This Memorandum of Understanding outlines the consensus reached by the Department of Chemical Engineering, the College of Engineering, and the Division of Academic Affairs, based on the program review (Self-study 2018; external review Fall 2018; UPRC report September 25, 2020). It describes the goals to be achieved, and the actions to be undertaken by all parties to this MOU to achieve these goals, during the next program review cycle. Progress toward goals is to be addressed in an annual report.

The Department of Chemical Engineering offers a BS in Chemical Engineering. It was accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering & Technology (ABET) in Spring 2019, with the next re-accreditation scheduled for Fall 2024 with a self-study due July 1, 2024.

Review of the progress reports, self-study, accreditation report, and UPRC report show that the department has made significant strides in the areas of outcomes assessment and mission alignment.

A number of strengths were identified in the reports:

- The department was commended for laboratory that provides hands-on, authentic learning experiences for students.
- The visiting team commended the department for its mix of theory and practice in pedagogical appointments and teaching assignments.

Areas of concern and opportunities for development were also noted in the reports:

- The program has seen a decline in majors since 2016 as well as an overall decline in FTEs.
- The program's graduation rates have been improving and are above College of Engineering 4-year rates, but remain below institutional rates.
- While the program is engaged in quality assurance processes in accordance with ABET criteria, it has been inconsistent in reporting those assessment results to CSULB offices.

It is therefore agreed that:

1. The program will continue its ongoing program of assessment of institutional,
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programmatic, and student learning outcomes across the curriculum. It will ensure that its assessment reports are submitted annually to the Vice Provost and to the Coordinator of Program Review & Assessment.

2. The program will analyze the decline in FTEs for majors and non-majors, and develop a strategic plan to stabilize or increase enrollment.
3. The Program will provide an annual update (due June 1) on progress made towards the actions agreed to in this MOU to the COE Dean, the Vice Provost for Academic Programs, and the Director of Program Review and Assessment. The review cycle will match the 6-year accreditation cycle from 2019-2025. A comprehensive self-study will be due July 1, 2024 for the 2024-2025 Academic Year external review/UPRC report process.