

### **Minor in Heavy Civil Construction**

(This new minor was approved by the CSULB Academic Senate on May 14, 2025, and approved by the CSULB President, June 10<sup>th</sup>, 2025.)

### **Minor in Heavy Civil Construction**

(17 units required)

Complete the following courses:

- ENGR 492B - Internship in Engineering (2 Units)
- CE 406 – Project Cost – Benefit Analysis (3 units)
- CEM 424 – Earthwork & Civil Work Construction Practices (3 Units)
- CEM 476 – Heavy Civil Construction Principles and Practices (3 Units)

Complete two of the following courses:

- CE 325 - Transportation Safety and Sustainability (3 Units)
- CE 428 and CE 428L - Highway Engineering Materials & Highway Engineering Materials Laboratory (3 Total Units)
- CE 446 - Geotechnical Walls & Slopes in Heavy Civil Engineering (3 Units)
- CEM 486 - Infrastructure Management (3 Units)

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### **EFFECTIVE: Fall 2026**

Academic Plan Code: CE\_\_UM01U1

Career: Minor

College: College of Engineering

Department: Civil Engineering and Construction Engineering Management (CECEM)

Delivery: Fully Face-to-Face