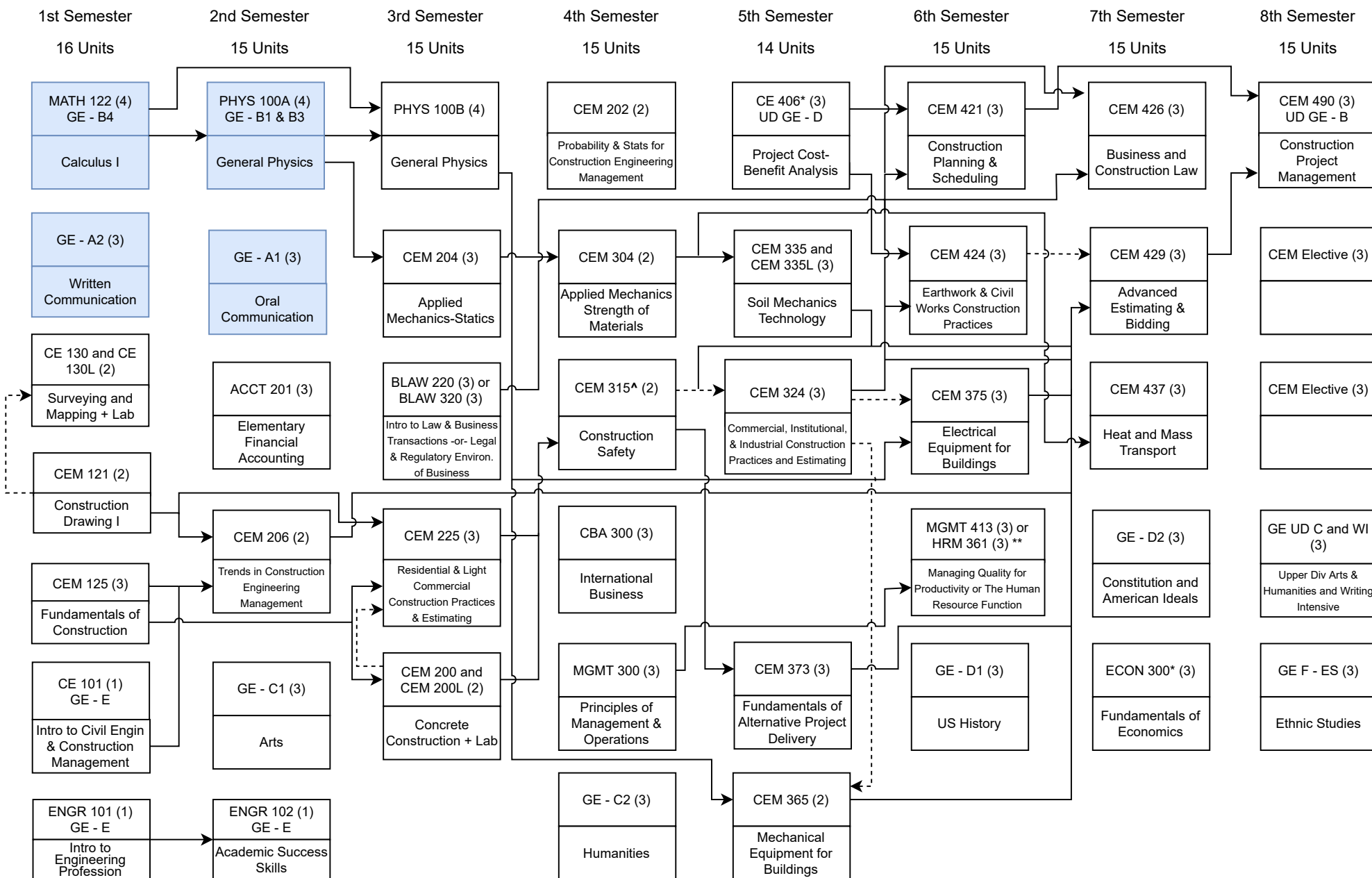


# Construction Engineering Management

AY 2022-2023

This sheet is **UNOFFICIAL**. Your requirements may differ from these. For your exact requirements, consult your Academic Requirements Report. This is a Four Year Plan - 120 Units Required.



## Legend:

- ^ = to enroll in CEM 315, need either CEM 225 or CEM 200/L
- \* = must complete at least 60 units
- \*\* = pre req only apply to MGMT 413 (not HRM 361)
- > Corequisite

## Contact Information

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- Need MATH 122, PHYS 100A, GE A1 & A2 to declare major
- GEAR requirement: complete GPE exam + WI course
- Complete GPE exam before 46-60 units

## Electives

### Take 6 units from the following:

CEM 474, CEM 483, CEM 485, CEM 432, CEM 481, CEM 482, CEM 483, CEM 476, CEM 483, CEM 486  
Note: please check for the prereq on catalog.csulb.edu

# 2022-2023 (only) GE Pattern Worksheet: Construction Management

| Last Name                                                                                                                                                                        | First Name | CSULB ID#                                        | Date           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------|----------------|
|                                                                                                                                                                                  |            |                                                  |                |
| <b>General Education Category</b>                                                                                                                                                |            | <b>Course</b>                                    | <b>Comp/IP</b> |
| <b>Lower Division (100 and 200 level courses)</b>                                                                                                                                |            |                                                  |                |
| <b>Upper Division (300 and 400 level courses) - 9 units Required</b>                                                                                                             |            |                                                  |                |
| <b>Area A: English, Communication &amp; Critical Thinking – 9 units</b>                                                                                                          |            |                                                  |                |
| A1) Oral Communication/Speech – 3.0 units <u>Foundation</u>                                                                                                                      |            |                                                  |                |
| A2) Written Communication – 3.0 units <u>Foundation</u>                                                                                                                          |            |                                                  |                |
| A3) Critical Thinking – 3.0 units <u>Foundation</u>                                                                                                                              |            | <b>Waived for Engineering majors</b>             |                |
| <b>Area B: Life Sciences, Physical Sciences &amp; Math/Quantitative Reasoning – 12-13 units</b>                                                                                  |            |                                                  |                |
| <i>Life Sciences &amp; Physical Sciences with Lab – 9.0 units</i>                                                                                                                |            |                                                  |                |
| B1) Physical Science W/Lab– 3.0 units                                                                                                                                            |            | PHYS 100A                                        | Major          |
| B2) Life Science – 3.0 units                                                                                                                                                     |            | <b>Waived for Construction Management majors</b> |                |
| B3) Laboratory Experience Verification                                                                                                                                           |            | PHYS 100A                                        | Major          |
| <i>Math/Quantitative Reasoning – 3.0 units</i>                                                                                                                                   |            |                                                  |                |
| B4) Mathematics – 3.0 units <u>Foundation</u>                                                                                                                                    |            | MATH 122                                         | Major          |
| <b>Upper Division Scientific Inquiry/Quantitative Reasoning – 3.0 units</b>                                                                                                      |            | CEM 490                                          | Major          |
| <b>Area C: Arts &amp; Humanities – 9 units (6 units Lower Division and 3 units Upper Division)</b>                                                                               |            |                                                  |                |
| <i>To satisfy Lower Division requirements, must complete 3 units in Arts (C1) and 3 units Humanities (C2)</i>                                                                    |            |                                                  |                |
| C1) Arts – 3.0 units                                                                                                                                                             |            |                                                  |                |
| C2) Humanities – 3.0 units                                                                                                                                                       |            |                                                  |                |
| C3) Additional Arts or Humanities – 3.0 units                                                                                                                                    |            | <b>Waived for Construction Management majors</b> |                |
| <b>Upper Division Arts and Humanities – 3.0 units required</b>                                                                                                                   |            |                                                  |                |
| <b>Area D: Social Science &amp; Citizenship – 9.0 units (6 units of Lower Division (2 of 3 areas only), 3 units of Upper Division) US History and Political Science Required</b> |            |                                                  |                |
| D) U.S. History – 3.0 units                                                                                                                                                      |            |                                                  |                |
| D) U.S Constitution & American Ideals – 3.0 units                                                                                                                                |            |                                                  |                |
| D) Social Sciences & Citizenship – 3.0 units                                                                                                                                     |            | <b>Not recommended for Engineering majors</b>    |                |
| <b>Upper Division Social Science – 3.0 units required</b>                                                                                                                        |            | CE 406 & ECON 300                                | Major          |
| <b>Area E: Lifelong Learning &amp; Self Development – 3.0 units (Lower Division only)</b>                                                                                        |            |                                                  |                |
| 1) Intro to the Engineering Profession (ENGR 101) – 1.0 unit                                                                                                                     |            | ENGR 101                                         | Major          |
| 2) Engineering Skills (ENGR 102) – 1.0 unit                                                                                                                                      |            | ENGR 102                                         | Major          |
| 3) Intro to major-specific orientation – 1.0 unit                                                                                                                                |            | CE 101                                           | Major          |
| <b>Area F (F-ES): Ethnic Studies – 3.0 units (Lower Division only)</b>                                                                                                           |            |                                                  |                |
| 1) Ethnic Studies (F-ES) – 3.0 units                                                                                                                                             |            |                                                  |                |
| <b>Graduation Writing Assessment Requirement (GWAR)-<br/>Writing Intensive (WI) Course – 3.0 units</b><br><i>*(Can be double-counted with Upper Division C)</i>                  |            |                                                  |                |

I recognize that certain aspects of this GE Pattern are still being developed and I must consult the current CSULB GE website for approved GE courses. [www.csulb.edu/ge](http://www.csulb.edu/ge). I understand that this form is for general planning purposes only, is considered unofficial, subject to change, and is based on the 2021-2022 CSULB Catalog.

Student Signature

Date

Advisor Signature

Date