

OREGON STATE UNIVERSITY CONSTRUCTION ENGINEERING MGMT

2026-2027 Catalog Year

FIRST YEAR

SECOND YEAR

Fall

Winter

Spring

Sample Plan

Fall

Winter

Spring

ENGR 110+115
Transitions &
The OSU Engr Student
*Core Ed: Transitions
F, W, S, U (2+1)

ENGR 102
Design Engineering
*Core Ed: Beyond OSU I
F, W, S, U (3)
ENGR 110 (co-req)

ENGR 103
Engineering Computation
F, W, S, U (3)
*ENGR 102 &
MTH 112Z (co-req)*

ENGR 211
Statics
F, W, S, U (3)
MTH 252Z

ENGR 213
Strength of Materials
F, W, S, U (3)
ENGR 211

ENGR 390
Engineering Economy
F, W, S, U (3)
Sophomore Standing

MTH 251Z
Differential Calculus
*Core Ed: Quantitative Lit.
F, W, S, U (4)
MTH 112Z

MTH 252Z
Integral Calculus
F, W, S, U (4)
MTH 251Z

ST 314
Statistics for Engineers
F, W, S, U (3)
MTH 252Z

PH 211
Physics with Calculus 1
*Core Ed: Scientific Inquiry
F, W, S, U (4)
MTH 252Z (co-req)

PH 212
Physics with Calculus 2
F, W, S, U (4)
PH 211 & MTH 252Z

Core Ed
+Arts & Humanities:
Global
F, W, S, U (3)

CH 201+204
Chem for Engr 1 & Lab
*Core Ed: Scientific Inquiry
F, W (3+1)
MTH 111Z

ECON 201Z
Microeconomics
*Core Ed: Social Science
F, W, S, U (4)

ECON 202Z
Macroeconomics
F, W, S, U (4)

CCE 201
Graphics & Design
F, W (3)
MTH 111Z

CCE 203
Virtual Design &
Construction
W, S (3)
CCE 201

Core Ed
+Difference, Power, &
Oppression-Foundations
F, W, S, U (3)

WR 121Z
Composition I
*Core Ed: WR Foundations
F, W, S, U (4)

**COMM 111Z,
114, or 218Z**
*Core Ed: Communication
F, W, S, U (3-4)

Core Ed
+Arts & Humanities:
General
F, W, S, U (3)

WR 227Z
Technical Writing
*Core Ed: WR Elevation
F, W, S, U (4)
WR 121Z

BA 315
Accounting for
Decision-Making
F, W, S, U (4)
Sophomore Standing

BA 251
Managing Organizations
F, W, S, U (4)
Sophomore Standing

CCE 207
Building Your Career
*Core Ed: Beyond OSU II
F (1)
ENGR 103

**Minor Class or
General Elective^**
F, W, S, U (4)

KEY:
F, W, S, U – Term course is planned to be offered as of spring 2026. Includes online offerings. See classes.oregonstate.edu for current schedule. **(X)** – Number of credits. **Course in italics** – Prerequisite (or co-requisite).
 *Major requirement that can double count with Core Ed category listed. Note: Transfer students take ENGR 310 to satisfy Transitions requirement.
 +Core Ed choice. Student chooses course from category listed. For options, visit catalog.oregonstate.edu/core-education. Arts & Humanities: General and Global courses must be in different subjects.

OREGON STATE UNIVERSITY CONSTRUCTION ENGINEERING MGMT

2026-2027 Catalog Year

THIRD YEAR

FOURTH YEAR

Fall

Winter

Spring

Fall

Winter

Spring

CEM 471

Electrical Facilities
F, W (4)
CCE 207

CE 424

Contracts & Specifications
W, S (4)
CEM 442

CEM 381

Structures I
F, S (4)
ENGR 213

CEM 383

Structures II
F, W (4)
CEM 381 &
CCE 321 (co-req)

CE 427

Temporary Structures
W, S (4)
CCE 321, CEM 383, &
CEM 372/FE 315

CEM 326

Construction Safety
F, S (3)
Junior Standing &
CCE 207

CEM 442

Building Construction Management
F, S, U (4)
CCE 207

**CEM 372
or FE 315**

Geotechnics or Soil Engr
W, S (4)
ENGR 213

CEM 341

Construction Estimating I
F, S (4)
CEM 442

CEM 342

Construction Estimating II
F, W (4)
CEM 341

CEM 443

Project Management
*Core Ed: WR Intensive
W, S (4)
CEM 341 & 343

ENGR 330

Inclusive & Equitable Engr
*Core Ed: DPO-Advanced
F, W, S (3)
Junior Standing

CEM 263

Plane Surveying
F, W, S (3)
ENGR 211

CE 365

Highway Location & Design
W, S (3)
CEM 263

CEM 472

Mechanical Facilities
F, S (3)
CCE 207

CEM 343

Construction Planning & Scheduling
F, W (4)
CEM 342 (co-req)

CEM 441

Heavy Civil Construction Mgmt
W, S (4)
CEM 372/FE 315

**Upper-Division
College of Business
Elective^**

F, W, S, U (4)

BA 226Z

Intro to Business Law
F, W, S, U (4)
Sophomore Standing

Core Ed

+Seeking Solutions
F, W, S, U (3)
Junior Standing

CCE 321

CCE Materials
F, W, S (4)
ENGR 213

CEM 431 or 432

Obtaining Contracts or Project Planning
F, W, S (3-4)
CEM 341

**Minor Class or
General Elective^**

F, W, S, U (4)

**Upper-Division
College of Engineering
Elective^**

F, W, S (3)

**Minor Class or
General Elective^**

F, W, S, U (4)

^NOTES:

Engineering Elective: Select an upper-division or graduate-level course in CCE, CE, CEM, or ARE not already required for the CEM major. Must be at least 3 credits. Discuss with your advisor or select from this list: <https://beav.es/qsw>.

Business Elective: Select a 4-credit BA course at the 300-level or above not already required for the CEM major. Discuss with your advisor or check the Registration Restrictions section on the Schedule of Classes to confirm CEM students are eligible to register for the course you select. Note: Students pursuing the Business Minor satisfy the business elective with BA 314 or BA 390.

Minor Class or General Elective: Minors are optional. General electives only required if short of 180 total credit hours.

Business Minor: CEM students can earn the Business Minor by taking 2 additional courses beyond major requirements. If interested, talk with your advisor for course recommendations.