

OREGON STATE UNIVERSITY CIVIL ENGINEERING

2026-2027 Catalog Year

FIRSTYEAR

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 212
Dynamics
W, S (3)
ENGR 211 & PH 211

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

MTH 254
Vector Calculus I
F, W, S, U (4)
MTH 252Z

MTH 264+265
Matrix Algebra & Series
F, W, S, U (2+2)
MTH 252Z

MTH 256
Applied Differential Equations
F, W, S, U (4)
MTH 254

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

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

CH 202
Chemistry for Engineering 2
W, S (3)
CH 201

ECON 201Z or 202Z
Micro or Macro Econ
*Core Ed: Social Science
F, W, S, U (4)

PH 211
Physics with Calculus 1
F, W, S, U (4)
MTH 252Z (co-req)

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

PH 213
Physics with Calculus 3
F, W, S, U (4)
PH 212

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)

Basic Science[^]
*Core Ed: Scientific Inquiry
F, W, S, U (4)

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

CE 202
Geospatial Info & GIS
W, S (3)
CCE 201

CEM 263
Plane Surveying
F, W, S (3)
ENGR 211

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

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

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 course options, visit catalog.oregonstate.edu/core-education. Arts & Humanities: General & Global courses must be in different subjects.

[^]Basic Science: Student chooses an additional Scientific Inquiry & Analysis Core Ed course (lecture & lab) *except* CH 121, CH 221Z+227Z, or PH 201.

OREGON STATE UNIVERSITY CIVIL ENGINEERING

2026-2027 Catalog Year

THIRDYEAR

FOURTHYEAR

Fall

Winter

Spring

Fall

Winter

Spring

CE 381

Structural Theory I
F, W, S (4)
ENGR 213

CE 382

Structural Theory II
F, W, S (4)
*MTH 264+265 &
CE 381*

CE 383 or 481

Structural Design:
Steel or Concrete
F, W, S (4)
CE 382

CE 491

Transportation
Engineering
F, S (3)
CE 392 & ST 314

CE 418

Professional Practice
*Core Ed: WR Intensive
W (3)
See Notes^

CE 419

Civil Infrastructure
Design
S (3)
CE 418^

CCE 321

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

CE 372

Geotech Engineering I
F, W, S (4)
*ENGR 213 &
CE 311 (co-req)*

CE 373

Geotechnical
Engineering II
F, W, S (4)
CE 372

ENGR 330

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

CE 420

Engineering Planning
F, W, U (4)
*Junior or Senior
Standing*

ENVE 321

Environmental Engr
Fundamentals
S (4)
MTH 256

CE 311

Fluid Mechanics
F, W (4)
*MTH 256, ENGR 211,
& PH 213*

CE 313

Hydraulic Engineering
W, S (4)
CE 311

CE 412

Hydrology
F, S (4)
CE 313

**Technical
Elective^**

F, W, S (4)

**Technical
Elective^**

F, W, S (4)

**Technical
Elective^**

F, W, S (3)

WR 227Z

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

CE 362

Reality Capture for
Engineering Applications
W, S (3)
CEM 263

CE 392

Intro to Highway
Engineering
W, S (4)
ENGR 212

Core Ed

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

Core Ed

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

Core Ed

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

**Minor Course or
General Elective^**

F, W, S, U (4)

**Minor Course or
General Elective^**

F, W, S, U (1)

^NOTES:

CE 418 prerequisites: CE 313, 372, 382, & one additional class from CE 373, 383, 412, 481, and 491.

CE 418 & 419: Capstone course series that must be taken in consecutive terms.

Technical Electives: Students take 11 credits (3-4 classes) of upper-division or graduate-level engineering coursework not already required for major. Discuss with your advisor or select from this list: <https://beav.es/pXN>.

Minor Course or General Elective: Minors are optional. General electives only required if short of 180 total credits.

Geomatics Engineering and Water Resources Engineering Minors: CE students can complete most requirements for these minors by taking specific technical electives. Discuss with your advisor if interested.