

OREGON STATE UNIVERSITY CONSTRUCTION ENGINEERING MGT

2023-2024 Catalog Year

FIRSTYEAR

SECOND YEAR

Fall

Winter

Spring

Fall

Winter

Spring

ENGR 100

The OSU ENGR Student
F, W, S, U (3)

ENGR 102

Dsgn Thinking & Problem Solving
F, W, S, U (3)

ENGR 103

Computations & Algorithms
& Algorithms
F, W, S, U (3)
ENGR 102

ENGR 211

Statics
F, W, S, U (3)
MTH 252

ENGR 213

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

CEM 263

Plane Surveying
F, S (3)
ENGR 211

CH 201

Chemistry for Engineers 1
F, W (3)
MTH 111Z

ECON 201

Micro Econ
Bacc Core: SPI
F, W, S, U (4)

ECON 202

Macro Econ
F, W, S, U (4)

PH 211

Physics w/ Calc
Bacc Core: PhySci
F, W, S, U (4)
MTH 251 (recommended)

PH 212

Physics w/ Calc 2
Bacc Core: PhySci
F, W, S, U (4)
PH 211

ENGR 390

Engineering Economy
F, W, S, U (3)

MTH 251

Differential Calc
Bacc Core: Math
F, W, S, U (4)
MTH 112Z

MTH 252

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

ST 314

Stats for Engineers
F, W, S, U (3)
MTH 252

CCE 201

Graphics & Design
F, W (3)
MTH 111

BA 315

Fundamentals of Accounting
F, W, S, U (4)

BA 330

Business Law
F, W, S, U (4)

WR 121Z

English Comp.
Bacc Core: WR 1
F, W, S, U (4)

COMM 111Z or 114

Bacc Core: Comm
F, W, S, U (4/3)

Bacc Core: Lit & Arts*

F, W, S, U (3)

Bacc Core: Cultural Diversity*

F, W, S, U (3)

CCE 203

Virtual Design & Construction
W, S (3)
CCE 201 or ENGR 248

WR 227Z

Technical Writing
Bacc Core: WR2
F, W, S, U (4)
WR 121Z

HHS 231

Bacc Core: Lifetime Fitness & Health
F, W, S, U (2)

PAC

Bacc Core: Physical Activity
F, W, S, U (1)

Bacc Core: Western Culture*

F, W, S, U (3)

CCE 207

CCE Seminar
F (1)
ENGR 103

KEY:
F, W, S, U – Term course is offered (U = Summer)
(X) – Number of credits

Course In Italics – Pre-req (or co-req)

THIRD YEAR			FOURTH YEAR		
Fall	Winter	Spring	Fall	Winter	Spring
<p>CEM 471 Electrical Facilities F, W (4) <i>CCE 207</i></p>	<p>CEM 472 Mechanical Facilities W, S (3) <i>CCE 207</i></p>	<p>CEM 381 Structures 1 F, S (4) <i>ENGR 213</i></p>	<p>CEM 383 Structures 2 F, W (4) <i>CEM 381, CCE 321 (co-req)</i></p>	<p>CE 427 Temp Construction Structures W, S (4) <i>CCE 321, CEM 372, CEM 383</i></p>	<p>CEM 326 Construction Safety S (3) <i>CCE 207</i></p>
<p>CEM 442 Building Construction Mgt F, S (4) <i>CCE 207</i></p>	<p>CEM 372 Geotechnics for Construction W, S (4) <i>ENGR 213</i></p>	<p>CEM 341 Estimating 1 S (4) <i>CEM 442</i></p>	<p>CEM 342 Estimating 2 F (4) <i>CEM 341</i></p>	<p>CEM 443 Project Management W, S (4) <i>CEM 341 & 343</i></p>	<p>Upper Division ENGR Elective^ F, W, S (3)</p>
<p>CCE 321 CCE Materials F, W, S, U (4) <i>ENGR 213</i></p>	<p>CE 365 Highway Design & Location W, S (3) <i>CEM 263</i></p>	<p>CE 424 Contracts & Specifications W, S (4) <i>CEM 442</i></p>	<p>CEM 343 Planning & Scheduling F, W (4) <i>CEM 342 (co-req)</i></p>	<p>MGMT 453 HR Management F, W, S (4) <i>BA 351</i></p>	<p>Upper Division BA Elective** F, W, S, U (4)</p>
<p>Bacc Core: Difference, Power & Discrimination* F, W, S, U (3)</p>	<p>BA 351 Managing Organizations F, W, S, U (4)</p>	<p>CEM 441 Heavy Civil W, S (4) <i>CEM 372 or CE 372 or FE 315</i></p>	<p>CEM 431/432 Obtaining Construction Contracts F (431), S (432) (4/3) <i>CEM 341</i></p>	<p>Bacc Core: Biological Sci* F, W, S, U (4)</p>	<p>Bacc Core: Science, Tech & Society* F, W, S, U (3)</p>
					<p>Bacc Core: Contemporary Global Issues* F, W, S, U (3)</p>

NOTES:

***Bacc Core:** For list of Bacc Core course options, visit <https://catalog.oregonstate.edu/earning-degrees/bcc/>

^**Upper Division ENGR Elective:** Select an upper-division or graduate-level course in CE, CEM, CCE, or ARE not already required for your major. Discuss with your advisor or select from this list: <https://beav.es/qsw>

****Upper Division BA Elective:** Select an additional BA course. Course must be 300-level or above and may not be a course that is already required for your degree. Check Notes section in Schedule of Classes to confirm CEM students are eligible to register for the course you select.

Business Minor: CEM students are able to earn a Business Minor by taking 2 additional courses. If you are interested in adding a Business Minor, talk with your advisor for additional course recommendations.