

Fall
Winter
Spring
Fall
Winter
Spring

ENGR 100
 The OSU Engineering Student
 F, W, S, U (3)

ENGR 102
 Design Engineering & Problem Solving
 F, W, S, U (3)

ENGR 103
 Computation & Algorithmic Thinking
 F, W, S, U (3)
ENGR 102

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

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

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

MTH 251
 Differential Calc
 BaccCore: Math
 F, W, S, U (4)
MTH 112Z

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

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

PH 211
 Physics w/ Calc 1
 BaccCore: PhySci
 F (4)

PH 212
 Physics w/ Calc 2
 BaccCore: PhySci
 W (4)
PH 211

WR 227Z
 Technical Writing
 BaccCore: WR2
 F, W, S, U (4)
WR 121Z

ECON 201
 Microeconomics
 BaccCore: SPI
 F, W, S, U (4)

CH 201 or 231
 Chemistry 1
 W, U (3/4)
MTH 111Z

ECON 202
 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

BA 330
 Legal Environment of Business
 F, W, S, U (4)

WR 121Z
 Composition I
 BaccCore: WR 1
 F, W, S, U (4)

COMM 111Z or 114
 BaccCore: Comm
 F, W, S, U (4/3)

Bacc Core:
 Literature & the Arts*
 F, W, S, U (3)

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

CEM 263
 Plane Surveying
 W (3)
ENGR 211

CEM 442
 Building Construction Management
 S (4)
CCE 207

PAC
 BaccCore: Physical Activity*
 F, W, S, U (1)

HHS 231
 BaccCore: Lifetime Fitness for Health
 F, W, S, U (2)

Bacc Core:
 Cultural Diversity*
 F, W, S, U (3)

CCE 207
 CCE Seminar
 W (1)
ENGR 103

KEY:
F, W, S, U – Term course is offered (F-Fall, W-Winter, S-Spring, U-Summer).
(X) – Number of credits. **Course In italics** – Prerequisite (or co-requisite).

Fall

Winter

Spring

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Spring

CEM 341

Construction Estimating I
F (4)
CEM 442

CEM 342

Construction Estimating II
W (4)
CEM 341

MGMT 453

Human Resources Management
F, W, S (4)
BA 251

CEM 381

Structures I
F (4)
ENGR 213

CEM 383

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

CE 427

Temporary Structures
S (4)
CCE 321, CEM 372,
& CEM 383

BA 251

Managing Organizations
F, W, S, U (4)

CEM 343

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

CEM 372

Geotechnics for Construction
S (4)
ENGR 213

CEM 432

Construction Project Planning
F (3)
CEM 341

CEM 471

Electrical Facilities
W (4)
CCE 207

CE 424

Contracts & Specifications
S (4)
CEM 442

Bacc Core:

Biological Sciences*
F, W, S, U (4)

CEM 472

Mechanical Facilities
W (3)
CCE 207

CE 365

Highway Location & Design
S (3)
CEM 263

CEM 441

Heavy Civil Construction Mgmt
F (4)
CEM 372

CEM 443

Project Management for Construction
W (4)
CEM 341 & 343

Upper-Division College of Business Elective**

F, W, S, U (4)

Bacc Core:

Difference, Power, & Discrimination*
F, W, S, U (3)

CCE 321

CCE Materials
W (4)
ENGR 213

Bacc Core:

Western Culture*
F, W, S, U (3)

Upper-Division College of Engineering Elective^

F, W, S (3)

CEM 326

Construction Safety
W (3)
CCE 207

Bacc Core:

Contemporary Global Issues*
F, W, S, U (3)

Bacc Core:

Science, Technology, & Society*
F, W, S, U (3)

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 4-credit BA course. Course must be at the 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 can earn a Business Minor by taking 2 additional courses. If interested, talk with your advisor for additional course recommendations.