

# OREGON STATE UNIVERSITY ENVIRONMENTAL ENGINEERING

FIRST YEAR

2026-2027 Catalog Year

SECOND YEAR

Fall                      Winter                      Spring                      Fall                      Winter                      Spring

**ENGR 110 & 115**  
Transitions,  
ENGR  
Orientation F, W,  
S, U (3)

**ENGR 102**  
Dsgn Thinking &  
Problem Solving  
F, W, S, U (3)

**ENGR 103**  
Computations &  
Algorithms  
F, W, S, U (3)  
*ENGR 102*

**CBEE 211**  
Material  
Balances  
F, W, S (3)  
*MTH 252*

**CBEE 212**  
Energy Balances  
W, S (3)  
*MTH 56 Co-req*

**CBEE 213**  
Process Analysis  
S, U (4)  
*CBEE 212 or  
280*

**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)

**CH 203**  
Chemistry for  
Engineers 2  
W, S (3)

**MTH 256**  
Differential  
Equations  
F,W,S,U (3)  
*MTH 254*

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

**ENGR 213**  
Strengths &  
Materials  
F, W, S (3)  
ENGR 211

**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*

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

**PH 212**  
Physics w/ Calc 2  
Bacc Core:  
PhySci  
F,W,S,U (4)  
*PH 211*

**PH 213**  
Physics w/ Calc 3  
F,W,S,U (4)

**ENGR Elective**  
F, W, S, U (3)

**CH 201**  
Chemistry for  
Engineers 1  
F, W (3)  
*MTH 111*

**CH 202**  
Chemistry for  
Engineers 2  
W, S (3)  
*CH 201, 121 or 231*

**PH 211**  
Physics w/ Calc  
Bacc Core:  
PhySci  
F,W,S,U (4)  
  
*MTH 252 (co-req)*

**CH 331**  
Organic  
Chemistry  
FW(4)  
CH 203

**WR 227Z**  
Technical  
Writing  
Core Education:  
WR2  
F, W, S, U (4)

**Core Education**  
Difference,  
Power, and  
Oppression  
F, W, S, U (3)

**CH 204**  
Chemistry for  
Engineers Lab 1  
F, W (1)

**CH 205**  
Chemistry for  
Engineers Lab 2  
W, S (1)

**Core Education**  
Art &  
Humanities  
General F, W, S,  
U (3)

**KEY:**

F, W, S, U – Term Course is offered

(X)- Number of Credits

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

# OREGON STATE UNIVERSITY ENVIRONMENTAL ENGINEERING

THIRD YEAR

2025-2026 Catalog Year

FOURTH YEAR

Fall                      Winter                      Spring                      Fall                      Winter                      Spring

**CHE 311**  
Thermo  
F W 3  
*CBEE 212, MTH 265*

**CHE 332**  
Transport 2  
W, S(3)  
*CHE 311 & 331*

**CHE 333**  
Transport 3  
S (3)  
*CHE 331, CHE 332*

**ENVE 421**  
Drinking Water  
Treat. Process  
F(4)  
*ENVE 322*

**ENVE 422**  
Wastewater  
Treatment  
Process  
W(4)  
*ENVE 421*

**ENVE 490**  
ENVE Design  
S (4)  
*ENVE 421, 422*

**CHE 331**  
Transport 1  
FW(3)  
*CBEE 212*

**ENVE 322**  
Intro to ENVE  
Eng.  
W (4)  
*MTH 256, 264, 265*

**CHE 334**  
Transport lab  
S (3)  
*CBEE 213, CHE 333 co req*

**Engineering Elective**  
F, W, S (4)

**ENVE 431**  
Env. Fate &  
Transport  
W (3)  
*BB 451, BIOE 332*

**ENVE 425**  
Air Process  
Control  
S (5)  
*ENVE 322*

**CHE 320**  
Engineering  
Ethics  
F 3  
*CBEE 212*

**Biological  
Science Elective**

**Earth Science  
Elective**

**CBEE 414**  
Process Lab  
F (3)  
*CBEE 213, CHE 311, CHE 333*

**Engineering  
Elective**  
F, W, S (4)

**Core Education**  
Art & Humanities  
Global F, W, S, U  
(3)

**ENGR Elective**  
F, W, S, U (3)

**ENGR Elective**  
F, W, S, U (3)

**ENGR Elective**  
F, W, S, U (3)

**ENVE 457**  
Bioreactors  
F,(3)  
*CHE 333, ENVE 322*

**ENGR Elective**  
F, W, S, U (3)

**ENVE 456**  
Sustainable &  
Equitable  
Engineering  
S, (3)

**Core Education**  
Social Sciences  
F, W, S, U (3)

**Core Education**  
Seeking  
Solutions  
F, W, S, U (3)

**ENGR 330**  
Advanced  
Difference, Power,  
and Oppression  
F, W, S, U (3)

**KEY:**

F, W, S, U – Term Course is offered

(X)- Number of Credits

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

\***Core Education**- For list of Core Education course options visit <https://coreeducation.oregonstate.edu/students/core-education-students-starting-summer-2025-and-after>

\*\***Engineering Electives**- Students choose any Approved Upper Division Engineering Course. Speak with your academic advisor for Technical Elective Course options. 9 credits may be lower division