

ECOLOGICAL ENGINEERING (Recommended)*Academic Year: 2024-2025***FIRST YEAR****SECOND YEAR**

Fall (16 cr)

Winter (15-16 cr)

Spring (16 cr)

Fall (16 cr)

Winter (14-15 cr)

Spring (16 cr)

ENGR 102 & MTH 112 (co)

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

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

ENGR 103
Engineering
Computation and
Algorithmic Thinking
F,W,S, U (3)

BEE 270
EcoE
Ecology
F (3)

BEE 221
EcoE
Fundamentals
W (3)

BEE 222
EcoE
Computation
S (2)

MTH 111

CH 231/261

CH 232/262

MTH 254 (co)

ENGR 211

CH 231/261
Chemistry
F,W, U (4/1)

CH 232/262
Chemistry
W,S, U (4/1)

CH 233/263
Chemistry
F,S, U (4/1)

ENGR 211
Statics
F,W,S, U (3)

HHS 241/PAC
Lifetime Fitness Lab
F,W,S, U (1)

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

MTH 112

MTH 251

MTH 252

MTH 254

MTH 252

MTH 252

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

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

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

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

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

**MTH 264 +
MTH 265***
Intros to Matrix
Algebra and Series
F, W, S, U (2+2)

WR 121Z
English
Composition
F,W,S, U (4)

COMM 111Z/114
Speech
F,W,S, U (4/3)

PH 211
Physics
w/ Calculus
F,W,S, U (4)

PH 212
Physics
w/ Calculus
F,W,S, U (4)

PH 213
Physics
w/ Calculus
F,W,S, U (4)

WR 227Z
Technical
Report Writing
F,W,S, U (4)

WR 121

HHS 231
Lifetime Fitness
F,W,S, U (2)

Ethics[^]
F,W,S, U (3-4)

AEC 250[#]
Intro. Environ.
Econ. & Policy
F,W,S, U (3)

Notes:

1. F,W,S, U: Represents term course is offered (Fall, Winter, Spring, Summer)

2. (): Represents the credits of the course

3. Arrows: Represents prerequisites and co-requisites for that course

4. * MTH 264 + MTH 265 was formerly offered as MTH 306

5. # Fulfills Social Processes & Institutions baccalaureate core category

6. ^ Fulfills either a Perspectives or Synthesis baccalaureate core category, dependent on course chosen

ECOLOGICAL ENGINEERING (Recommended)*Academic Year: 2024-2025***THIRD YEAR****FOURTH YEAR**

Fall (16 cr)

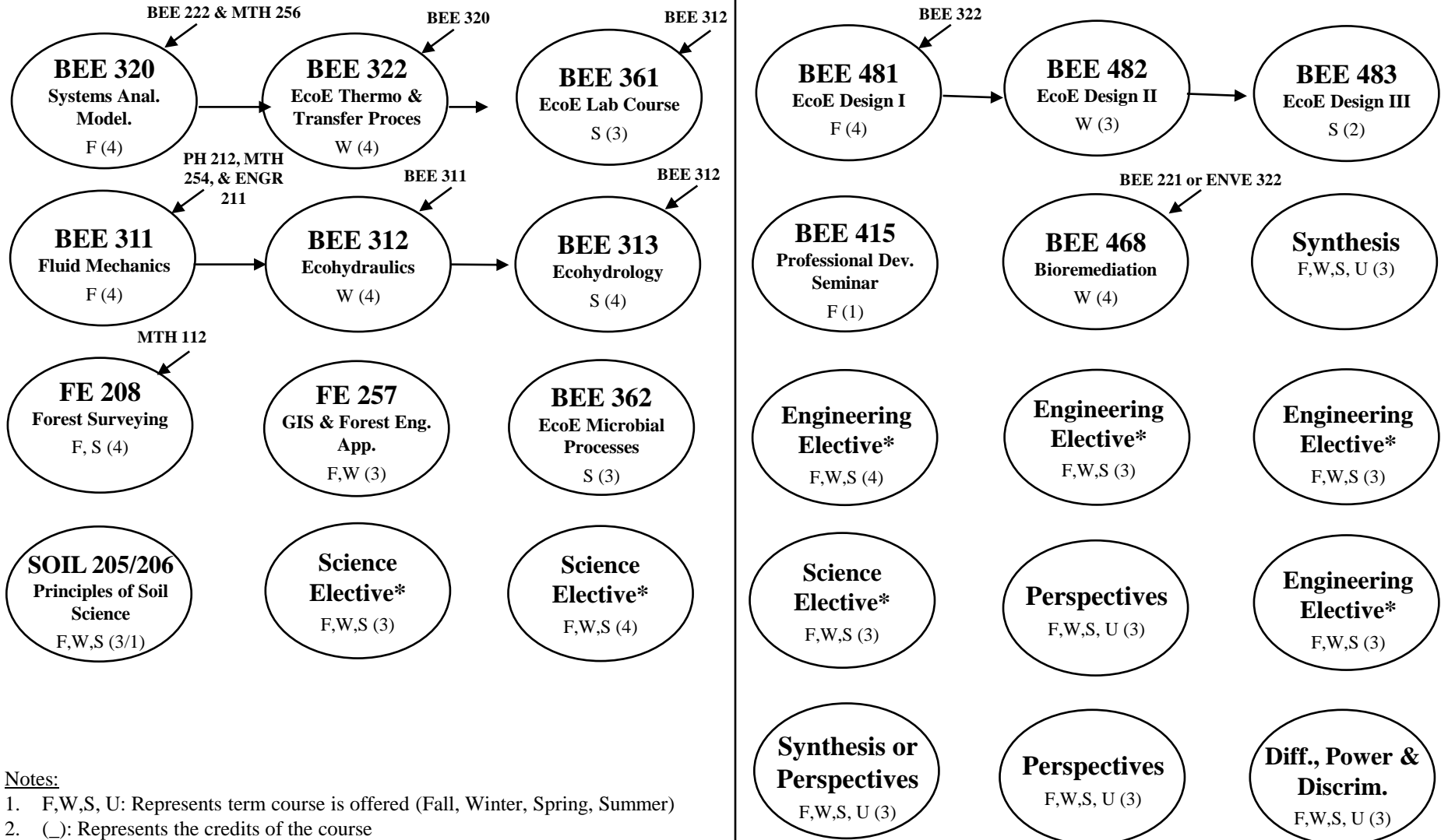
Winter (14 cr)

Spring (14 cr)

Fall (15 cr)

Winter (16 cr)

Spring (14 cr)

**Notes:**

1. F,W,S, U: Represents term course is offered (Fall, Winter, Spring, Summer)
2. (): Represents the credits of the course
3. Arrows: Represents prerequisites and co-requisites for that course
4. * Must take a minimum of 23 credits of upper division science and engineering electives