

ELECTRICAL & COMPUTER ENGINEERING

FIRST YEAR

Academic Year 2024-2025

SECOND YEAR

Fall Winter Spring Fall Winter Spring

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

Co-Req MTH 111Z
↓
CH 201
Chemistry for
Engineers
F, W (3)

MTH 112Z
↓
MTH 251
Differential Calculus
U, F, W, S (4)

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

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

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

Perspectives
Biological Science
U, F, W, S (4)

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

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

PAC
Physical Activity
U, F, W, S (1)

ENGR 102, co-req MTH 112Z
↓
ENGR 103
Engineering
Computation and
Algorithmic Thinking
F, W, S (3)

MTH 111Z
↓
MTH 231
Discrete Math I
U, F, W, S (4)

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

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

MTH 251 & MTH 252
↓
ENGR 201
Electrical
Fundamentals I
U, F, W, S (3)

REC MTH 251, Co-Req MTH 252
↓
PH 211
Physics with
Calculus
U, F, W, S (4)

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

ENGR 103
↓
CS 162
Intro to Comp. Sci. II
C++, C
U, F, W, S (4)

ENGR 201
↓
ENGR 202
Electrical
Fundamentals II
U, W, S (3)

PH 211, REC MTH 252, Co-Req MTH 254
↓
PH 212
Physics with
Calculus
U, F, W, S (4)

MTH 252
↓
MTH 264
Intro to Matrix
Algebra
U, F, W, S (2)

MTH 252
↓
MTH 265
Intro to Series
U, F, W, S (2)

CS 162, MTH 231
↓
CS 261
Data Structures
C
U, F, W, S (4)

ENGR 201, ENGR 202 & MTH 256
↓
ENGR 203
Electrical
Fundamentals III
F, S (3)

REC PH 212, REC MTH 254
↓
PH 213
Physics with
Calculus
F, W, S (4)

MTH 254
↓
MTH 255
Vector Calculus II
U, F, W, S (4)

Co-req MTH 231 or co-req MTH 251
↓
ECE 271&2
Digital Logic Design
& Lab
U, F, S (3+1)

Notes:

1. U, F, W, S: Represents the term the course is offered on-campus (Summer, Fall, Winter, Spring).
2. Courses may also be offered through Ecampus.
3. (_): Represents the credits of the course.
4. Arrows: Represents prerequisites, co-requisites, and recommendations.
5. Summer courses may be canceled due to low enrollment.
6. 180 total credits are needed to graduate.
7. Students cannot S/U major courses.

ELECTRICAL & COMPUTER ENGINEERING

THIRD YEAR

Academic Year 2024-2025

FOURTH YEAR

Fall

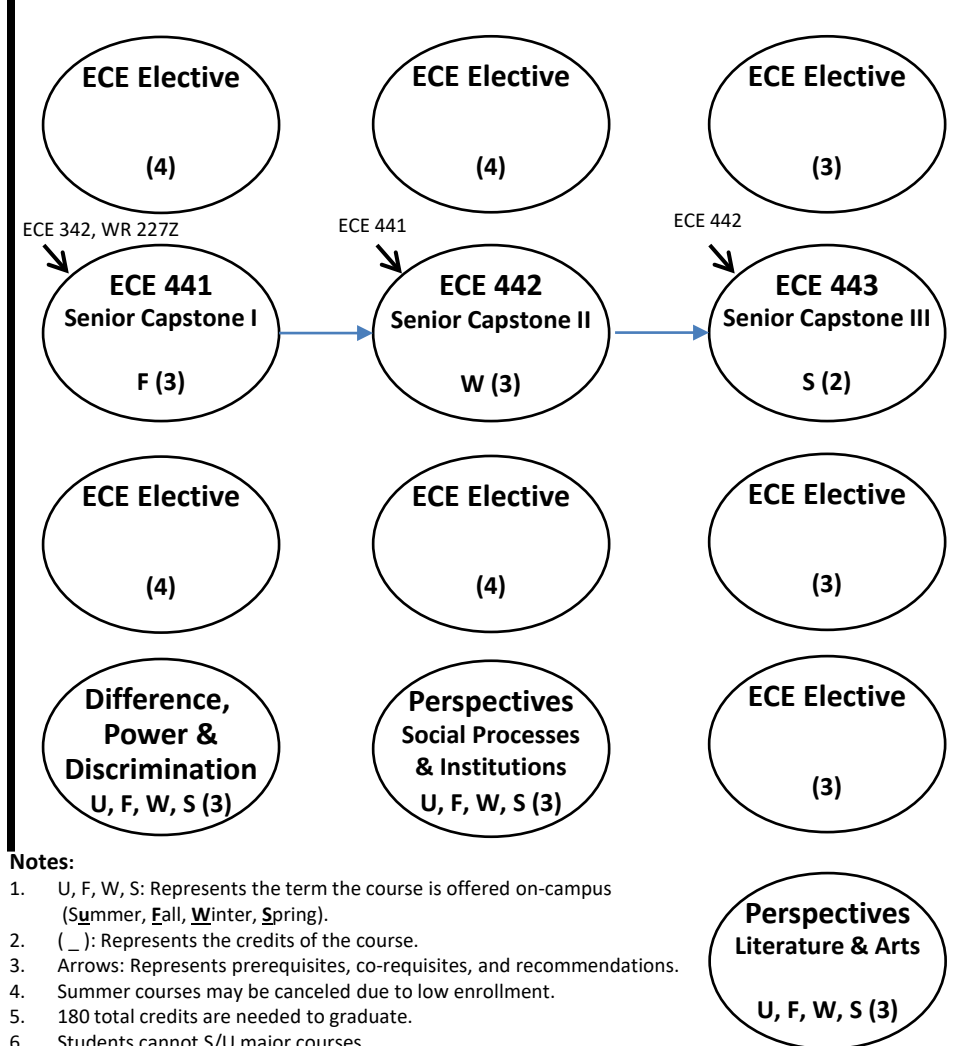
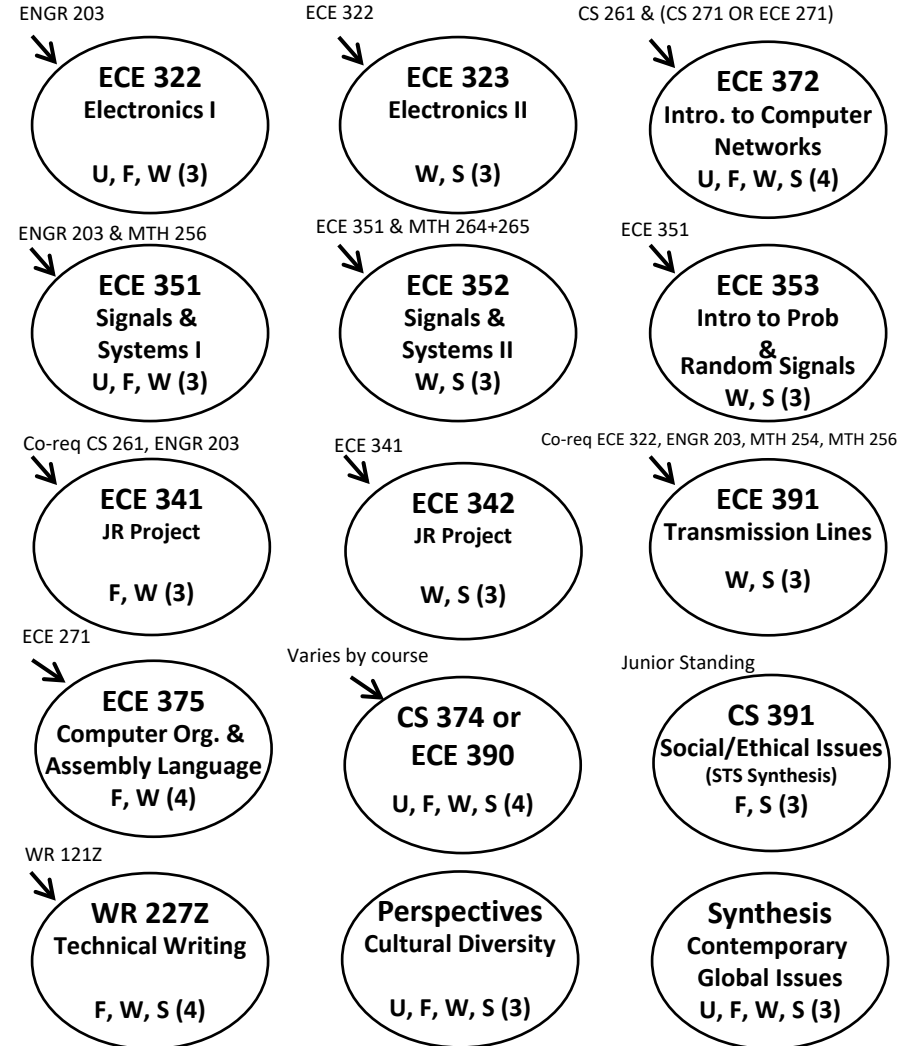
Winter

Spring

Fall

Winter

Spring



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2. (_): Represents the credits of the course.
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4. Summer courses may be canceled due to low enrollment.
5. 180 total credits are needed to graduate.
6. Students cannot S/U major courses.
7. CS 391 counts for both Major and Science, Technology and Society (Synthesis) credits.
8. ECE 441, 442, and 443 must be completed in the same academic year.