

COMPUTER SCIENCE – **Cybersecurity Option: Security Track** (Corvallis Campus)

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)

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

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

ENGR 103 or CS 161
↙
CS 162
Intro to Comp. Sci. II
C++, C
U, F, W, S (4)

ENGR 103 or CS 161
↙
CS 271
Computer Arch. &
Assembly Lang.
U, W, S (4)

ENGR 103 or CS 161
↙
CS 352
Intro to Usability
Engineering
U, S (4)

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

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

MTH 111
↙
MTH 231
Discrete Math
U, F, W, S (4)

WR 121
↙
WR 214
Writing for Business
F, W, S (3)

(CS 225 or MTH 231) & CS 162
↙
CS 261
Data Structures
C
U, F, W, S (4)

CS 162
↙
CS 290
Web Development
F, S (4)

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

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

Perspectives Social Processes & Institutions
U, F, W, S (3)

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

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

WR 121
↙
WR 227Z
Technical Writing
F, W, S (4)

HHS 231 + 241/PAC
Lifetime Fitness
F, W, S (2+1)

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

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

Perspectives Literature & Arts
U, F, W, S (3)

Perspectives Cultural Diversity
U, F, W, S (3)

CS 175
Comm Security & Social Movements
Sp (3) - Ecampus

Unrestricted Electives
(2)

Unrestricted Electives
(2)

Notes:

1. U, F, W, S: Represents the term the course is offered on-campus (Summer, Fall, Winter, Spring)
2. (_): Represents the credits of the course
3. Arrows: Prerequisites and co-requisites for that course
4. Summer courses may be canceled due to low enrollment
5. Courses may be offered through Ecampus
6. Students cannot S/U major courses
7. 180 total credits are needed to graduate
8. CS 175 is only offered via Ecampus and counts for both Major and Difference, Power, Discrimination baccore

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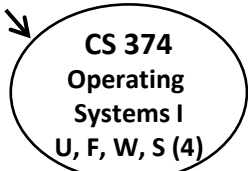
THIRD YEAR

Academic Year 2024-2025

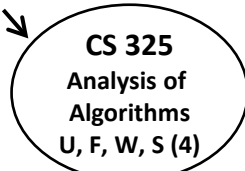
FOURTH YEAR

Fall Winter Spring Fall Winter Spring

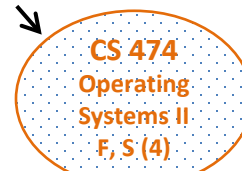
CS 261 & (CS 271 or ECE 271)



CS 261 & (CS 225 or MTH 231)



CS 374 & (CS 271 or ECE 375)



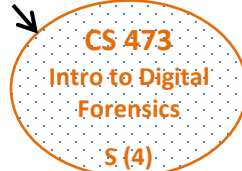
CS 261



CS 261



CS 374 & CS 370



CS 325, CS 361, & CS 362



CS 461 & CS 362



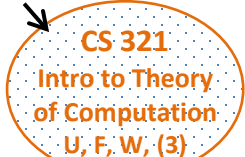
CS 462



Pre- or co-req CS 374



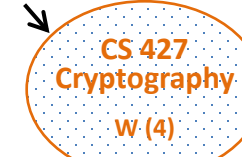
CS 261 & (CS 225 or MTH 231)



CS 374, CS 340, & CS 372



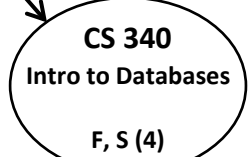
CS 261



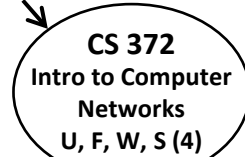
CS 372



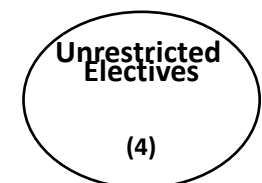
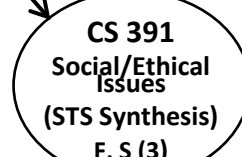
CS 290



CS 261 & (CS 271 or ECE 271)



Junior Standing



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6. Students cannot S/U major courses
7. 180 total credits are needed to graduate
8. CS 391 counts for both Major and Science, Technology and Society (Synthesis) credits
9. CS 461, 462, 463 must be completed in the same academic year