

CS CYBERSECURITY – Corvallis Campus – Academic Year 2026/27

YEAR 1

Fall

Winter

Spring

YEAR 2

Fall

Winter

Spring

ENGR 110, 115 ^{1,3}
Transitions, The OSU
Engineering Student
F, W, S
(2, 1)

ENGR 102 ³
Design Engineering &
Problem Solving
[ENGR 110*/310*]
F, W, S
(3)

ENGR 103
Engineering Computation
& Algorithmic Thinking
[ENGR 102, MTH 112Z*]
F, W, S
(3)

CS 162
Introduction to
Computer Science II
[ENGR 103]
F, W, S, U
(4)

CS 261
Data Structures
[CS 162, MTH 231]
F, W, S, U
(4)

Social Science ⁴
F, W, S, U
(3/4)

MTH 251Z ³
Differential Calculus
[MTH 112Z]
F, W, S, U
(4)

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

MTH 231
Elements of
Discrete Mathematics
[MTH 111Z]
F, W, S, U
(4)

WR 314/323
Writing in Bus./Advanced
Writing & Argumentation
[WR 121Z]
F, W, S
(3)

CS 271
Computer Architecture
& Assembly Language
[ENGR 103]
W, S, U
(4)

CS 274
Introduction to
Systems Programming
W, S
[CS 162]
...

WR 121Z ³
Composition I
[Alpha-Sanctioned]
F, W, S
(4)

COMM 111Z/114 ³
Public Speaking/Argument
& Critical Discourse
F, W, S, U
(4/3)

Arts & Humanities ⁴
(Global)
F, W, S, U
(3/4)

Difference, ⁴
Power, & Oppression
(Foundations)
F, W, S, U
(3/4)

CS 175
Communications Security
& Social Movements
W
(3)

WR 227Z ³
Technical Writing
[WR 121Z]
F, W, S
(4)

Arts & Humanities ⁴
(General)
F, W, S, U
(3/4)

Scientific ⁴
Inquiry & Analysis
F, W, S, U
(4)

Scientific ⁴
Inquiry & Analysis
F, W, S, U
(4)

Unrestricted ⁶
Elective
(4)

Unrestricted ⁶
Electives
(4)

Unrestricted ⁶
Electives
(4)

General Information:

- ✓ 180 total credits are required for a student to graduate.
- ✓ Students cannot S/U major courses.
- ✓ Courses may be cancelled due to low enrollment.
- ✓ Course availability is subject to change and may not be fully reflected in this schedule. Reference the *OSU Course Catalog* and the latest [EECS Course Forecast](#) often.
- ✓ This is a *sample* plan only. It follows a traditional 4-year course sequence (Fall – Spring) with 14-17 credits per term. Transfer courses and course availability may alter what is taken each term. See your EECS advisor to build an alternative course schedule.
- ✓ Corvallis Campus CS Cybersecurity students will choose between two tracks, (A) Security, and (B) Security Operations. Track A students take the traditional senior capstone sequence - CS 461, 462, 463. The capstone project might not be Cybersecurity-related. Track B students take Cybersecurity-focused Practicum sequence – CS 424 + 428, 425, 426.

How to Read this Bubble Guide

Course #

Course Title

[Prerequisite]

TERM(S) OFFERED

(Credits)

F=Fall W=Winter S=Spring U=Summer

, = and / = or * = Corequisite

SECURITY TRACK – CS Cybersecurity – Corvallis – Academic Year 2026/27

YEAR 3	Fall	Winter	Spring	YEAR 4	Fall	Winter	Spring
	CS 374 Operating Systems I <i>[CS 271/ECE 204, CS 274, CS 261]</i> F, W, S, U (4)	CS 321 Introduction to Theory of Computation <i>[CS 261, MTH 231]</i> F, W, U (3)	CS 325 Analysis of Algorithms <i>[CS 261, MTH 231]</i> F, W, S, U (4)		CS 461 ² Senior Software Engineering Project I <i>[CS 325, CS 361, CS 362]</i> F (3)	CS 462 ² Senior Software Engineering Project II <i>[CS 362, CS 461]</i> W (3)	CS 463 ^{2,3} Senior Software Engineering Project III <i>[CS 462, ENGR 102]</i> S (2)
	CS 361 Software Engineering I <i>[CS 261]</i> F, W, U (4)	CS 362 Software Engineering II <i>[CS 261]</i> W, S, U (4)	CS 391 Social & Ethical Issues in Computer Science <i>[Junior Standing]</i> F, W, S (3)		CS 478 Network Security <i>[CS/ECE 372]</i> F (4)	CS 373 Defense Against the Dark Arts <i>[CS 370]</i> W (4)	CS 352 Introduction to Usability Engineering <i>[ENGR 103]</i> W, S, U - Ecampus only (4)
	CS 370 Introduction to Security <i>[CS 374*]</i> F (4)	CS 372 Introduction to Computer Networks <i>[CS 261, CS 271/ECE 204]</i> F, W, S, U (4)	CS 473 Introduction to Digital Forensics <i>[CS 370, CS 374]</i> S (4)		CS 474 Operating Systems II <i>[(CS 271/ECE 370), CS 374]</i> F, W, S (4)	Seeking Solutions ⁴ <i>[Junior Standing]</i> F, W, S (3/4)	CS 427 Cryptography <i>[CS 261]</i> S (4)
	CS 340 Introduction to Databases <i>[CS 261]</i> F, S, U (4)	Cybersecurity ⁵ Elective (3)	Cybersecurity ⁵ Elective (4)		Cybersecurity ⁵ Elective (4)	Cybersecurity ⁵ Elective (4)	Cybersecurity ⁵ Elective (4)

Footnotes (CS Cybersecurity – SECURITY TRACK):

- Transfer students will take ENGR 310 (2 credits) instead of both ENGR 110 (2 credits) and ENGR 115 (1 credit).
- CS 461, 462, 463 is the senior capstone sequence that must be completed in the same academic year (ex. Fall '25 – Spring '26).
- Major-Required Core Ed course** – Satisfies 2 degree requirements: (1) a major-specific and (2) a Core Ed. **Students cannot S/U.**
- General Core Ed course** – Student can select a Core Ed course of their choice within the category. **Students can S/U.**
- Cybersecurity Elective** – Any 300+ level College of Engineering, MTH, PH, or ST course not being used to satisfy any other major requirements. Check with EECS Advisor for approved list. Security Track students need to complete a **minimum of 22 credits** of Cybersecurity elective coursework.
- Unrestricted Elective** – Any course that is not already being used to satisfy any of your major requirements. Its only purpose is to help you reach the minimum 180 credits required to graduate. Some may need to take Unrestricted Electives to reach 180 credits. Work with your EECS advisor for assistance on this.

ENGR 330 ³
Inclusive & Equitable Engineering
 F, S
 (3)

Cybersecurity ⁵ Elective
 (3)

SECURITY OPERATIONS TRACK – CS Cybersecurity – Corvallis – AY 2026/27

YEAR 3	Fall	Winter	Spring	YEAR 4	Fall	Winter	Spring
	CS 374 Operating Systems I <i>[CS 271/ECE 204, CS 274, CS 261]</i> F, W, S, U (4)	CS 321 Introduction to Theory of Computation <i>[CS 261, MTH 231]</i> F, W, U (3)	CS 325 Analysis of Algorithms <i>[CS 261, MTH 231]</i> F, W, S, U (4)		CS 424² Cybersecurity Practicum I <i>[CS 370, CS/ECE 372]</i> F (5)	CS 425² Cybersecurity Practicum II <i>[CS 424]</i> W (5)	CS 426^{2,3} Cybersecurity Practicum III <i>[CS 425, ENGR 102]</i> S (4)
	CS 361 Software Engineering I <i>[CS 261]</i> F, W, U (4)	CS 362 Software Engineering II <i>[CS 261]</i> W, S, U (4)	CS 391 Social & Ethical Issues in Computer Science <i>[Junior Standing]</i> F, W, S (3)		CS 428^{2,3} Cybersecurity Capstone Project <i>[CS 424*, WR 227Z]</i> F (3)	CS 373 Defense Against the Dark Arts <i>[CS 370]</i> W (4)	CS 312 System Administration <i>[CS 374, CS/ECE 372]</i> S (4)
	CS 370 Introduction to Security <i>[CS 374*]</i> F (4)	CS 372 Introduction to Computer Networks <i>[CS 261, CS 271/ECE 204]</i> F, W, S, U (4)	CS 473 Introduction to Digital Forensics <i>[CS 370, CS 374]</i> S (4)		CS 474 Operating Systems II <i>[CS 271/ECE 370, CS 374]</i> F, W, S (4)	Seeking Solutions⁴ <i>[Junior Standing]</i> F, W, S (3/4)	CS 427 Cryptography <i>[CS 261]</i> S (4)
	CS 340 Introduction to Databases <i>[CS 261]</i> F, S, U (4)	Cybersecurity⁵ Elective (4)	Cybersecurity⁵ Elective (3)		CS 478 Network Security <i>[CS/ECE 372]</i> F (4)	Cybersecurity⁵ Elective (3)	Cybersecurity⁵ Elective (3)

Footnotes (CS Cybersecurity – SECURITY OPERATIONS TRACK):

- Transfer students will only take ENGR 310 (2 credits) instead of both ENGR 110 (2 credits) and ENGR 115 (1 credit).
- CS 424 + 428, 425, 426 is the senior practicum sequence that must be completed in the same academic year (ex. Fall '25 – Spring '26).
- Major-Required Core Ed course** – Satisfies 2 degree requirements: (1) a major-specific and (2) a Core Ed. **Students cannot S/U.**
- General Core Ed course** – Student can select a Core Ed course of their choice within the category. **Students can S/U.**
- Cybersecurity Elective** – Any 300+ level College of Engineering, MTH, PH, or ST course not being used to satisfy any other major requirements. Security Operations Track students need to complete a **minimum of 13 credits** of Cybersecurity elective coursework.
- Unrestricted Elective** – Any course that is not already being used to satisfy any of your major requirements. Its only purpose is to help you reach the minimum 180 credits required to graduate. Some may need to take Unrestricted Electives to reach 180 credits. Work with your EECS advisor for assistance on this.

ENGR 330³
Inclusive & Equitable Engineering
 F, S
 (3)