

CS SYSTEMS – Corvallis Campus – Academic Year 2026/27

YEAR 1	Fall	Winter	Spring	YEAR 2	Fall	Winter	Spring
	ENGR 110, 115 ^{1,6} Transitions, The OSU Engineering Student F, W, S (2, 1)	ENGR 102 ⁶ Design Engineering & Problem Solving <i>[ENGR 110*/310*]</i> F, W, S (3)	ENGR 103 Engineering Computation & Algorithmic Thinking <i>[ENGR 102, MTH 112Z*]</i> F, W, S (3)		CS 162 Introduction to Computer Science II <i>[ENGR 103]</i> F, W, S, U (4)	CS 261 Data Structures <i>[CS 162, MTH 231]</i> F, W, S, U (4)	ECE 204 Digital Logic Design <i>[MTH 231/MTH 251Z]</i> F, S (4)
	MTH 251Z ⁶ Differential Calculus <i>[MTH 112Z]</i> F, W, S, U (4)	MTH 252Z Integral Calculus <i>[MTH 251Z]</i> F, W, S, U (4)	MTH 231 Elements of Discrete Mathematics <i>[MTH 111Z]</i> F, W, S, U (4)		MTH 254 Vector Calculus I <i>[MTH 252Z]</i> F, W, S, U (4)	MTH 264 Introduction to Matrix Algebra <i>[MTH 252Z]</i> F, W, S, U (2)	CS 381 Programming Language Fundamentals <i>[CS 261, MTH 231]</i> W, S (4)
	WR 121Z ⁶ Composition I <i>[Alpha-Sanctioned]</i> F, W, S, U (4)	COMM 111Z/114 ⁶ Public Speaking/Argument & Critical Discourse F, W, S, U (3/4)	Arts & Humanities ⁷ (Global) F, W, S, U (3/4)		WR 314/WR 323 ² Writing in Bus./Advanced Writing & Argumentation <i>[WR 121Z]</i> F, W, S (3)	MTH 265 Introduction to Series <i>[MTH 252Z]</i> F, W, S, U (2)	ST 314 Introduction to Statistics for Engineers <i>[MTH 252Z]</i> F, W, S (3)
	Arts & Humanities ⁷ (General) F, W, S, U (3/4)	Scientific ⁷ Inquiry & Analysis F, W, S, U (4)	Scientific ⁷ Inquiry & Analysis F, W, S, U (4)		Difference, ⁷ Power, & Oppression (Foundations) F, W, S, U (3/4)	CS 274 Introduction to Systems Programming <i>[CS 162]</i> W, S (4)	Social Science ⁷ F, W, S, U (3/4)

General Information:

- ✓ 180 total credits are required for a student to graduate.
- ✓ Courses may be canceled 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 14-16 credits per term. Transfer courses and course availability may alter what is taken each term. Work with your EECS advisor to build an alternative plan.

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

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YEAR 3	Fall	Winter	Spring	YEAR 4	Fall	Winter	Spring
	CS 374 Operating Systems I <i>[(CS 271/ECE 204), CS 261, CS 274]</i> F, W, S, U (4)	CS 325 Analysis of Algorithms <i>[CS 261, MTH 231]</i> F, W, S, U (4)	CS 340 Introduction to Databases <i>[CS 261]</i> F, S, U (4)		CS 461 Senior Software Engineering Project I <i>[CS 325, CS 361, CS 362]</i> F (3)	CS 462 Senior Software Engineering Project II <i>[CS 362, CS 461]</i> W (3)	CS 463 Senior Software Engineering Project III <i>[CS 462, ENGR 102]</i> S (2)
	CS 370 Introduction to Security <i>[CS 374*]</i> F (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 474 Operating Systems II <i>[CS 374, (CS 271/ECE 370)]</i> F, W, S (4)	Approved Elective ³ (4)	CS 472 Computer Architecture <i>[ECE 370]</i> F, W, S (4)
	CS 321 Introduction to Theory of Computation <i>[CS 261, MTH 231]</i> F, W, U (3)	ECE 370 Computer Organization & Assembly Programming <i>[ECE 204]</i> F, W (4)	CS 372 Introduction to Computer Networks <i>[CS 261, CS 271/ECE 204]</i> F, W, S, U (4)		ENGR 330 ⁶ Inclusive & Equitable Engineering <i>[Junior Standing]</i> F, S (3)	Approved Elective ³ (3)	CS 480 Translators <i>[CS 321, CS 374, CS 381]</i> S (4)
	WR 227Z ⁷ Technical Writing <i>[WR 121Z]</i> F, W, S (4)	Unrestricted ⁵ Elective (4)	CS 391 Social & Ethical Issues in Computer Science <i>[Junior Standing]</i> F, W, S (3)		AI 230 ⁸/CS 331 AI Explorations/Intro to Artificial Intelligence <i>[CS 325]</i> F, W, S (4)	COE Restricted ⁴ Elective (4)	COE Restricted ⁴ Elective (4)

Footnotes:

- Transfer students will only take ENGR 310 (2 credits) instead of both ENGR 110 (2 credits) and ENGR 115 (1 credit).
- CS 461, 462, 463 must be completed within the same academic year (ex. Fall '25 – Spring '26).
- Approved Elective:** Can be any coursework except for CS or ECE approved by EECS advisor.
- COE Restricted 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.
- Unrestricted Elective:** Any course that is not fulfilling major requirements can count as an Unrestricted Elective. Students may need to take Unrestricted Electives to reach 180 credits.
- Major Required Core Ed course:** Satisfies two 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.**
- AI 230 will not be available in the 2026/27 academic year.

Unrestricted ⁵ Elective
(4)

Seeking Solutions⁷
F, W, S
[Junior Standing]
(3/4)

Unrestricted ⁵ Elective
(4)