

CS SPECIALIZED – Corvallis Campus – Core Ed – Academic Year 2026/27

YEAR 1	Fall	Winter	Spring	YEAR 2	Fall	Winter	Spring
	ENGR 110, 115 ^{1,2} Transitions, The OSU Engineering Student F, W, S (2,1)	ENGR 102 ² 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)	CS 274/CS 290 Intro to System Prog/ Web Development [CS 162] F, W, S, U (4)
	MTH 251Z ² 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 ² Writing in Business [WR 121Z] F, W, S (3)	CS 271 Computer Architecture & Assembly Language [ENGR 103] W, S, U (4)	WR 227Z ² Technical Writing [WR 121Z] F, W, S (4)
	WR 121Z ² Composition I [Alpha-Sanctioned] F, W, S, U (4)	COMM 111Z/114 Public Speaking/Argument & Critical Discourse F, W, S, U (4/3)	Arts & Humanities ³ (Global) F, W, S, U (3/4)		Difference, Power, & Oppression (Foundations) ³ F, W, S, U (3/4)	Social Science ^{3,4} F, W, S, U (3/4)	ENGR 330 ² Inclusive & Equitable Engineering F, W, S, U (3)
	Arts & Humanities ³ (General) F, W, S, U (3/4)	Scientific ^{3,4} Inquiry & Analysis F, W, S, U (4)	Scientific ³ Inquiry & Analysis F, W, S, U (4)		Unrestricted Elective ⁸ (3)	Unrestricted Elective ⁸ (3)	Pick 4: ⁵ CS 331/CS 352/CS 370/ CS 372/CS 374/CS 381 (4)

General Information:

- ✓ 180 total credits are required for a student to graduate.
- ✓ Students cannot S/U major courses.
- ✓ Summer classes may be cancelled due to low enrollment.
- ✓ Course availability by term 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.
- ✓ CS Specialized Option students are required to declare an Area of Specialization by their junior year
- ✓ CS 461, 462, 463 is the senior capstone sequence that must be completed within the same academic year (ex. Fall '26 – Spring '27).
- ✓ 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 course schedule.

How to Read this Bubble Guide



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 340 Introduction to Databases <i>[CS 261]</i> F, S (4)	CS 325 Analysis of Algorithms <i>[CS 261, MTH 231]</i> F, W, S, U (4)	CS 391 Social & Ethical Issues in Computer Science <i>[Junior Standing]</i> F, W, S (3)		CS 461² 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 463² Senior Software Engineering Project III <i>[CS 462, ENGR 102]</i> S (2)
	CS 361 Software Engineering I <i>[CS 261]</i> F, W (4)	CS 362 Software Engineering II <i>[CS 261]</i> W, S (4)	Pick 4: ⁵ CS 331/CS 352/CS 370/ CS 372/CS 374/CS 381 (4)		Approved Course ⁶ from your Area of Specialization (4)	Seeking Solutions ³ <i>[Junior Standing]</i> F, W, S, U (3/4)	Approved Course ⁶ from your Area of Specialization (4)
	Pick 4: ⁵ CS 331/CS 352/CS 370/ CS 372/CS 374/CS 381 (4)	Pick 4: ⁵ CS 331/CS 352/CS 370/ CS 372/CS 374/CS 381 (4)	Approved Course ⁶ from your Area of Specialization (4)		Approved Course ⁶ from your Area of Specialization (4)	Approved Course ⁶ from your Area of Specialization (4)	Restricted ⁷ Elective (4)
	Approved Course ⁶ from your Area of Specialization (4)	Approved Course ⁶ from your Area of Specialization (4)	Approved Course ⁶ from your Area of Specialization (4)		Restricted ⁷ Elective (3)	Restricted ⁷ Elective (3)	Restricted ⁷ Elective (3)

Footnotes:

1. Transfer students will take ENGR 310 (2 credits) instead of both ENGR 110 (2 credits) and ENGR 115 (1 credit).
2. **Major-Required Core Ed course** – Satisfies 2 degree requirements: a major-specific and a Core Ed. **Students cannot S/U.**
3. **General Core Ed course** – Student can select a Core Ed course of their choice within the category. **Students can S/U.**
4. Check with your EECS advisor to see if there is a Core Ed class in this category that can also satisfy a major requirement.
5. **Pick 4 Classes** – Options are: CS 331, CS 352, CS 370, CS 372, CS 374, CS 381 (unless a course is required for declared Area of Specialization).
6. **Approved Course from Area of Specialization** – Courses satisfying your declared Area of Specialization (consists of a of 32-34 credits). Courses cannot *also* satisfy a Restricted Elective.
7. **Restricted Elective** – CS (or pre-approved non-CS) course not being used to satisfy any other major requirements. See your EECS advisor for list of pre-approved non-CS courses.
8. **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.

Unrestricted⁸ Elective (3)	Unrestricted⁸ Elective (4)
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