

2025-2026 BCS + Software Engineering Specialization

1. Please watch the "[How to Pick Your CS Checklist and Fill it in](#)" video.
2. Under **Required Courses** and **Electives**, check off the forty unique courses (20.0 units) that you have earned university credit for. **Additional Elective Units** can be *any* course for which you received university credit.
3. Verify that the **Required Courses** and **Electives** also satisfy the **Additional Constraints**.

Required Courses

☐ 8.25 CS Units

- ☐ CS 1[134]5
- ☐ CS 1[34]6
- ☐ CS 136L (0.25 unit)
- ☐ CS 240
- ☐ CS 241
- ☐ CS 245
- ☐ CS 246
- ☐ CS 251
- ☐ CS 341
- ☐ CS 350
- ☐ CS 3XX from List A _____
- ☐ CS 3XX from List A _____
- ☐ CS 445/ECE 451
- ☐ CS 446/ECE 452
- ☐ CS 447/ECE 453
- ☐ CS 4XX from List B _____
- ☐ CS 4XX from List B _____

☐ 3.5 Math Units

- ☐ MATH 1[34]5
- ☐ MATH 1[34]6
- ☐ MATH 1[234]7
- ☐ MATH 1[234]8
- ☐ MATH 2[34]9
- ☐ STAT 2[34]0
- ☐ STAT 2[34]1

Electives

☐ 5.0 Non-Math Elective Units, including [Breadth and Depth](#)

- ☐ Social Science: _____
- ☐ Social Science: _____
- ☐ Pure Science: _____
- ☐ Pure/Applied Science: _____
- ☐ _____
- ☐ _____

Choose either:

- ☐ Comm. list I¹: _____
- ☐ Comm. list I or II²: _____
- ☐ Humanities: _____
- ☐ Humanities: _____

OR

- ☐ Comm. list I¹: _____
- ☐ COMMST or ENGL from Comm. list II²: _____
- ☐ Humanities: _____
- ☐ Non-Math: _____

☐ 3.25 Additional [Math or Non-Math](#) Elective Units

- ☐ List C course: _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Additional Constraints

☐ List A – Choose two courses below:

- ☐ CS 343
- ☐ CS 346
- ☐ CS 348
- ☐ CS 349

☐ List C – Choose one course below:

- ☐ BET 360
- ☐ BET 420
- ☐ CS 492
- ☐ ENVS 205
- ☐ GEOG 207
- ☐ GEOG 306

☐ List B - Choose two courses below:

- ☐ CS 442
- ☐ CS 444
- ☐ CS 448
- ☐ CS 449
- ☐ CS 450
- ☐ CS 451
- ☐ CS 452
- ☐ CS 453³
- ☐ CS 454
- ☐ CS 456
- ☐ CS 457
- ☐ CS 459³
- ☐ CS 480
- ☐ CS 484
- ☐ CS 486
- ☐ CS 488

- ☐ GSJ 205
- ☐ MSE 422
- ☐ MSE 442
- ☐ PACS 315
- ☐ SOC 232
- ☐ SOC 324
- ☐ STV 202
- ☐ STV 205
- ☐ STV 306

- ☐ [Depth](#) - 1.5 units in the same subject where either:
 - (a) at least 0.5 unit is 3xx or higher, **or**
 - (b) all three form a prerequisite chain.

Courses for breadth can also be used for depth.

Write the non-math elective units from above that you will use for depth.

- ☐ _____
- ☐ _____
- ☐ _____

- ☐ Seven (regular) or eight (co-op) terms enrolled in at least three courses totaling 1.5 units
- ☐ No more than 2.0 units of failed courses
- ☐ No more than 5.0 units of unusable course attempts (failures and repeats of passed courses)
- ☐ CS major average of 60% or higher
- ☐ Cumulative average of 60% or higher
- ☐ Co-op requirements met, if applicable, including PD 1, PD 11, PD 10, and a minimum of two other PD courses

¹Communication List I: At least 60% in one of COMMST 100, COMMST 223, EMLS 101R, EMLS 102R, EMLS/ENGL 129R, ENGL 109.

²Communication List II: One of COMMST 225, COMMST 227, COMMST 228, *EMLS 103R*, *EMLS 104R*, *EMLS 110R*, ENGL 101B, ENGL 108B, ENGL 108D, ENGL 119, ENGL 208B, ENGL 209, ENGL 210E, ENGL 210F, ENGL 378/MTHEL 300

³Only one of CS 453 or CS 459 can be used towards the list B requirement.

Disclaimer: This checklist is a handy tool, but it is not a substitute for the official degree regulations. You may complete the checklist and ask a CS advisor to review it, but the student is ultimately responsible for ensuring that they have met their degree requirements. If there is a question of interpretation or a discrepancy, the [University Calendar](#) always takes precedence.