2021-2022 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

☐ **8.5 CS Units**

- ☐ CS 1[134]5
- ☐ CS 1[34]6
- ☐ CS 240
- ☐ CS 241
- ☐ CS 245
- ☐ CS 246
- ☐ CS 251
- ☐ CS 341
- ☐ CS 350
- ☐ CS 445/ECE 451 _____
- ☐ CS 446/ECE 452 _____
- ☐ CS 447/ECE 453 _____
- ☐ CS 492 _____
- ☐ CS 3XX from List A _____
- ☐ CS 3XX from List A _____
- ☐ 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:**

- ☐ Communication list I[1]: _____
- ☐ Communication list II[2]: _____
- ☐ Humanities: _____
- ☐ Humanities or non-math[3]: _____
- ☐ Social Science: _____
- ☐ Social Science: _____
- ☐ Pure Science: _____
- ☐ Pure or Applied Sciences: _____
- ☐ _____
- ☐ _____

☐ **3.0 Additional Math or Non-Math Elective Units**

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Additional Constraints

☐ Choose two courses from List A:

☐ CS 343 ☐ CS 348 ☐ CS 349

☐ Choose two courses from List B:

☐ CS 444 ☐ CS 449 ☐ CS 452 ☐ CS 456 ☐ CS 458 ☐ CS 485 ☐ CS 488

☐ CS 448 ☐ CS 450 ☐ CS 454 ☐ CS 457 ☐ CS 484 ☐ CS 486

☐ **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

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

[2] Communication List II: One of 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, SPCOM 225, SPCOM 227, SPCOM 228, or an additional course from Communication List 1.

[3] The courses below can be used to satisfy both the Communication List II requirement **and** 0.5 unit for the humanities (breadth) requirement.

- ENGL 101B, ENGL 108B, ENGL 108D, ENGL 119, ENGL 208B, ENGL 209, ENGL 210E, ENGL 210F, ENGL 378/MTHEL 300, SPCOM 225, SPCOM 227, SPCOM 228.

Disclaimer: This checklist is a handy tool, but it is not a substitute for the official degree regulations. If there is a question of interpretation or a discrepancy, the University Calendar always takes precedence. 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.