

2023-2024 BCS + Human-Computer Interaction 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

7.75 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 349
- CS 350
- CS 340-398; 440-489 _____
- CS 340-398; 440-489 _____
- CS 449
- CS 440-489 _____
- CS 492

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: _____

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

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Additional Constraints

List A – Choose two courses below:

- CS 445 or SE 463 CS 458
- CS 446 or SE 464 CS 480 or 485
- CS 447 or SE 465 CS 484
- CS 454 CS 488

List B – Choose two courses below:

- ENGL 108D FINE 257 PSYCH 261
- ENGL 293 INTEG 251 STAT 332
- ENGL 295 KIN 320 STAT 430
- FINE 150 PSYCH 207

[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

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.