

2026-Present: BCS Data Science Checklist

1. Please watch the [“How to Pick Your CS Checklist and Fill it in”](#) video.
2. Complete the below form with the 40+ unique university courses (20.0 units) that you have earned.
3. Verify that the **Required Courses** and **Electives** also satisfy the **Additional Constraints**.

20.0 Units 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 348
- ☐ CS 350
- ☐ CS 340-398; 440-489 _____
- ☐ CS 340-398; 440-489 _____
- ☐ CS 451
- ☐ CS 480, 485, or CS486³
- ☐ CS 4XX from List A³
- ☐ CS 340-398, 440-498, CS 499T, CS 6XX, CS 7XX, CO 487, STAT 440

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

3.75 Elective Units

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

5.0 Non-Math Units

Two courses (1.0 unit) required for the [Undergraduate Communication Requirement](#):

- ☐ Comm. List 1¹: _____
- ☐ Comm. List 1¹ or 2²: _____

Eight courses (4.0 units) with a minimum of two courses (1.0 unit) taken at the 200-level or higher following the criteria below:

a) Two courses (1.0 unit) from the [Faculty of Arts](#) or BET, BUS, COMM, STV:

- ☐ _____ ☐ _____

b) Two courses (1.0 unit) from the [Faculty of Environment, Health, or Science](#):

- ☐ _____ ☐ _____

c) Four courses (2.0 units), each satisfying either a) or b):

- ☐ _____ ☐ _____
- ☐ _____ ☐ _____

Additional Constraints

- ☐ Complete List A and B

List A - Choose one course:		List B - Choose two courses:	
☐ CS 448	☐ CS 484	☐ STAT 431	☐ STAT 442
☐ CS 454	☐ CS 485	☐ STAT 440	☐ STAT 443
☐ CS 480	☐ CS 486	☐ STAT 441	☐ STAT 444

- ☐ 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
- ☐ 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 1: At least 60% in one of COMMST 100, COMMST 223, EMLS 101, EMLS 102, EMLS/ENGL, 129, ENGL 109, ENGL 119 (starting in the 2026/2027 calendar, ENGL 119 course will be a Communication List 1 course instead of a List 2 course, even though the calendar may not reflect this until the 2027/2028).

²Communication List 2: One of COMMST 225, COMMST 227, COMMST 228, EMLS 103, EMLS 104, EMLS 110, ENGL 101B, ENGL 108B, ENGL 108D, ENGL 119, ENGL 208B, ENGL 209, ENGL 210E, ENGL 210F, ENGL 378.

³Must be satisfied by two different courses.

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.