

2026-Present: BMath (CS) + Artificial Intelligence Specialization

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 for Degree

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 350
- ☐ CS 360 or CS 365
- ☐ CS 370 or CS 371
- ☐ CS 340-398; 440-489 _____
- ☐ CS 480 or CS 485
- ☐ CS 486
- ☐ CS 492

4.5 Math Units

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

1.5 Additional Math³ Units

- ☐ _____
- ☐ _____
- ☐ _____

1.25 Elective Units

- ☐ _____
- ☐ _____
- ☐ _____

5.0 Non-Math Units, with the following restrictions:

Two courses (1.0 units) 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 units) taken at the 200-level or higher following the criteria below:

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

- ☐ _____
- ☐ _____

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

- ☐ _____
- ☐ _____

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

- ☐ _____ ☐ _____
- ☐ _____ ☐ _____

Additional Constraints

- ☐ List A^{4, 5}: Complete four courses from the list below. At least one course must be a Math course and one from Engineering.

Math courses			Engineering courses		
☐ CO 367	☐ CS 479 or	☐ STAT 341	☐ ECE 380 or	☐ ECE 486	☐ SYDE 552 or
☐ CO 456	AMATH 449	☐ STAT 440	SE 380	☐ ECE 488	☐ BIOL487
☐ CO 463	☐ CS 480 ⁵	☐ STAT 441	☐ ECE 423	☐ ECE 495	☐ SYDE 556
☐ CO 466	☐ CS 484	☐ STAT 444	☐ ECE 457C	☐ MTE 544	☐ SYDE 572
☐ CS 452	☐ CS 485 ⁵		☐ ECE 481		

- ☐ 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 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.

³Math courses are ACTSC, AMATH, CO, PMATH, STAT, and excludes the following:

- Courses with requisites normally excluding Honours Computer Science students
- Courses cross-listed with a CS course
- Courses explicitly listed in Computer Science major academic plans as alternatives to CS courses
- Readings and topics courses
- ACTSC 221, CO 353, CO 380, CO 480

⁴You must meet the pre-requisites before taking any course in List A. In some cases, this means that you might need to take one or more additional courses beyond those on this checklist. Refer to the [UG calendar](#) or talk to the instructor/advisor of that course regarding what prerequisites you may need and/or whether you can be [overridden into their course](#) if you already have an equivalent. Engineering courses listed here cannot be used towards non-math electives.

⁵One of CS 480 and CS 485 is required. If both courses are taken, then one of them can count as one of 'Choose four courses below' from List A. If only one course is taken, it cannot count as one of 'Choose four courses below' from List A.

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.