2023-2024 Bachelor of Mathematics (Computer Science)

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 350
- ☐CS 360 or CS 365 _____
- ☐CS 370 or CS 371 _____
- ☐CS 340-398; 440-489 _____
- ☐CS 440-489 _____
- ☐CS 440-489 _____
- ☐CS 440-498, CS 499T, CS 6XX, CS 7XX, CO 487, or STAT 440 _____

☐**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

Electives

☐**5.0 Non-Math Elective Units, including Breadth and Depth**
- ☐Social Science: _____
- ☐Social Science: _____
- ☐Pure Science: _____
- ☐Pure/Applied Science: _____
- ☐_____
- ☐_____

Choose either:
- ☐Comm. list I[1]: _____
- ☐Comm. list I or II[2]: _____
- ☐Humanities: _____
- ☐Humanities: _____

OR
- ☐Comm. list I[1]:_____
- ☐COMMST or ENGL from Comm. list II[2]:_____
- ☐Humanities: _____
- ☐Non-Math: _____

☐**1.5 Additional Math[3] Elective Units**
- ☐_____
- ☐_____
- ☐_____

☐**1.25 Additional Math or Non-Math Elective Units**
- ☐_____
- ☐_____
- ☐_____

Additional Constraints

☐ **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

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

[2]Communication 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

[3]Three additional courses labeled ACTSC, AMATH, CO, PMATH, STAT, excluding the following:

- Courses with requisites normally excluding Honours CS students
- Courses cross-listed with a CS course
- Courses explicitly listed in CS major plans as alternatives to CS courses
- Reading and Topics courses

- ACTSC 221, CO 353, CO 380, CO 480

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.