1. Under **Required Courses** and **Electives**, check off the forty unique courses (20 units) that you have earned university credit for. **Additional Elective Units** can be *any* course for which you received university credit.

2. Verify that the **Required Courses** and **Electives** also satisfy the **Additional Constraints**.

### Required Courses
- ☐ 7.5 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 360 or CS 365
  - ☐ CS 370 or CS 371
  - ☐ CS 340-398; 440-489
  - ☐ CS 482
  - ☐ CS 440-489
  - ☐ CS 440-498 or CS 499T

### Electives
- ☐ 4.5 Math Units
  - ☐ MATH 1[34]5
  - ☐ MATH 1[34]6
  - ☐ MATH 1[234]7

- ☐ 1.5 Additional Math Units
  - ☐ STAT 2[34]0
  - ☐ STAT 2[34]1

- ☐ 6.0 Non-Math Elective Units
  - ☐ Communication list I\(^3\)
  - ☐ Communication list II\(^3\)
  - ☐ BIOL 130
  - ☐ BIOL 130L
  - ☐ BIOL 239
  - ☐ BIOL 240
  - ☐ BIOL 240L
  - ☐ BIOL 309
  - ☐ BIOL 365

- ☐ 0.5 Additional Elective Units
  - ☐ BIOL 465
  - ☐ CHEM 120
  - ☐ CHEM 120L
  - ☐ CHEM 123
  - ☐ CHEM 123L

### Additional Constraints
- ☑ Breadth and depth met by BIOL and CHEM courses
- ☐ 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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\(^1\)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
- Readings and Topics courses
- ACTSC 221, CO 353, CO 380, CO 480

\(^2\)Communication List I: At least 60% in one of EMLS 101R, EMLS 102R, EMLS/ENGL 129R, ENGL 109, SPCOM 100, SPCOM 223.

\(^3\)Communication List II: One of EMLS 103R, EMLS 104R, EMLS 110R, 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 List 1.

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: [http://ugradcalendar.uwaterloo.ca/group/MATH-Computer-Science-1](http://ugradcalendar.uwaterloo.ca/group/MATH-Computer-Science-1). 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.