2010-2011 BMath(Computer Science) Checklist

Under "Required Courses" fill in forty unique courses (20 units) that you have passed but not excluded. Then verify that those courses also satisfy the "Additional Constraints".

Required Courses

- ☐ 7.5 CS Units
  - ☐ CS 115, 135, 3xx or 4xx
  - ☐ CS 136 or 145
  - ☐ CS 240
  - ☐ CS 241
  - ☐ CS 245
  - ☐ CS 246
  - ☐ CS 251
  - ☐ CS 341
  - ☐ CS 350
  - ☐ CS 360 or 365
  - ☐ CS 370 or 371
  - ☐ CS 340-398; 440-489
  - ☐ CS 440-489
  - ☐ CS 440-489
  - ☐ CS 440-498 or CS 499T or CS 6xx or CS 7xx or STAT 440 or CO 487
- ☐ 1.5 Elective Units
  - ☐
  - ☐
  - ☐
- ☐ 4.5 Math units
  - ☐ Math 1[34]5
  - ☐ Math 1[034]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 Math Units[1]
  - ☐
  - ☐
  - ☐
- ☐ 5.0 Non-math Units
  - ☐
  - ☐
  - ☐
  - ☐
  - ☐
  - ☐
  - ☐
  - ☐
  - ☐
  - ☐

Additional Constraints

- ☐ Non-math units that satisfy one of:
  - ☐ A minor, joint or full Honours plan from outside of the Mathematics Faculty
  - ☐ Elective breadth and depth requirement[2]:
    - ☐ All of (breadth):
      - ☐ 1.0 units from the humanities
      - ☐ 1.0 units from the social sciences
      - ☐ 0.5 units from the pure sciences
      - ☐ 0.5 units from the pure and applied sciences
    - ☐ One of (depth):
      - ☐ 1.5 units in the same subject area with at least 0.5 units at the 3rd year level or higher
      - ☐ 1.5 units with the same subject forming a prerequisite chain of length three
  - ☐ An alternate plan approved by a CS Advisor
- ☐ Seven (regular) or eight (co-op) terms enrolled in at least three courses totaling 1.5 units
- ☐ No more than 3.0 units of excluded courses
- ☐ CS Major Average of 60% or higher
- ☐ Cumulative Average of 60% or higher
- ☐ English Writing Skills
- ☐ Coop requirements met, if applicable, including a minimum of five PD courses.

Disclaimer: This checklist is a handy tool but 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

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[1] Three additional courses labeled ACTSC, AMATH, CO, CM, 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 352, CO 353/CM 441, CO 380, 480

[2] See http://www.cs.uwaterloo.ca/current/programs/require/2010-2011/depthAndBreadth.shtml

Source: http://www.cs.uwaterloo.ca/current/programs/require/2010-2011/bmath.pdf