Computing Science HONORS GRADUATION PLAN
For students approved as Majors beginning Fall 2006 onwards

Student Name: __________________________ Student #: __________________________ Date: ____________
Credential Designation: BSc □ Semester Approved: __________ Email: __________
Other Major/Minor: __________________________ Concentration: __________________________ Advisor: __________

1. LOWER DIVISION REQUIREMENTS (or equivalents):

- [Q] CMPT 126 or 125 □
- [Q] CMPT 150 □
- [Q] CMPT 225 □
- [Q] CMPT 250 □
- [Q] CMPT 275 □
- [Q] MATH 151 or 150 □
- [Q] MATH 152 □
- [Q] MACM 101 □
- [Q] MACM 201 □
- [Q] MATH 240 □
- (WQB) STAT 270 or BUEC 232 □
- (WQB) B-Soc □
- (WQB) B-Hum □
- (WQB) B-Hum □

2. UPPER DIVISION REQUIREMENTS:

### Table I – Computing Science Concentrations

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### Table II – Intensive Applications

- CMPT 305 □
- CMPT 441 □
- MACM 316 □
- MATH 308 □
- MACM 416 □
- CMPT 340 □
- MACM 401 □
- MATH 343 □

WQB Writing Requirement. (W) CMPT 376 □ or approved alternative:

Research Requirement. CMPT 415 □ and CMPT 416 □ or CMPT 498 □

BSc Credential: MACM 316 □ CMPT 320 or CMNS 353 □

Optional Co-operative Education

- CMPT 426 □
- CMPT 427 □
- CMPT 428 □
- CMPT 429 □
- CMPT 430 □

Breadth: ____________

Depth: ____________

BSc: ____________

Other courses needed for graduation:

<table>
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<th>Unit Hours</th>
<th>Total Units needed:</th>
<th>Total Upper Division Units needed:</th>
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Computing Science HONORS GRADUATION PLAN regulations

1. LOWER DIVISION REQUIREMENTS (or equivalents):

CMPT 128 may be used as a substitute for CMPT 126 or 125.

WQB requirements. Students need to complete one writing (W) course. Students need to complete 6 units of Breadth Science (B-Sci), 6 units of Breadth Social (B-Soc), and 6 units of Breadth Humanities (B-Hum). In addition, 6 units of Undesignated Breadth (UB) must be taken.

Some courses may fulfill two requirements. For instance, a course may count as both a Q and a B, a W and a B, or a W and a Q. No course, however, may fulfill two B requirements. Some courses may have multiple B designations (such as B-Soc and B-Hum), but students will have to select one designation for their requirement. For complete WQB regulations please refer to  http://www.sfu.ca/ugcr/For_Students/

UB courses can be any courses that are not directly specified by the Major.

MATH 154/157 and 155/158 may be substituted for MATH 151 or 150 and 152, but only with grades of B+ or better.

2. UPPER DIVISION REQUIREMENTS:

Breadth requirement (18 unit hours)
One course from each of the six concentrations in Table I including CMPT 300, 307, 354.

Depth requirement (18 unit hours)
- BSc: Six additional courses from Table I which must include CMPT 405 and include at least one course other than CMPT 307 from the Theoretical Computing concentration of Table I. At least four of these courses must at the 400 level.

Note – The following courses may be counted as being part of Tables I, II, or III with permission of the School: CMPT 318, 415, 416, 496, 497, 498.

Additional computing course work required (15 unit hours)
- Research Requirement. Either both CMPT 415 and 416 or CMPT 498.
- WQB Requirement. Students must complete (W) CMPT 376 or another approved upper division W course.
- BSc Credential: Completion of MACM 316, CMPT 320 or CMNS 353.

Additional course work required (9 unit hours)
- Upper division course work from any discipline (including CMPT) to achieve a total of 60 unit hours.

Faculty of Applied Science Requirements: At least two thirds of the total Upper Division units in the program must have been completed at Simon Fraser University. Please refer to current SFU calendar for details.

3. CO-OPERATIVE EDUCATION. Combines work experience with academic studies—all students are encouraged to apply. Co-op is not mandatory; however, students completing 3 co-op placements will receive a certificate of completion while students completing 4 or more co-op placements will receive the co-op designation on their transcript and parchment.