HONOURS GRADUATION PLAN

Student Name: __________________________  Student #: __________________________

Degree Designation:  BSc □  BA □  BBA □  BASc □  BEd □  Semester Approved: ________

Major/Minor: ____________________________  Other: _____________________________

1. LOWER DIVISION REQUIREMENTS: (or equivalents)
   Cmpt 101 □  Cmpt 150 □  Cmpt 201 □  Cmpt 250 □  Cmpt 275 □  Math 151 □  Math 152 □
   Math 232 □  Macm 101 □  Macm 201 □  Phil 100 or 120 or Engl 1XX □  Stat 270 or Buec 232 □

2. EXTERNAL BREADTH REQUIREMENTS: (3 Liberal Arts & 1 Physical Science = 12 Credit Hours)
   __________ □  __________ □  __________ □  __________ □  __________ □

3. MAJOR UPPER DIVISION REQUIREMENTS:

   TABLE I – Computing Science Concentrations (4 additional breadth, 6 depth)

   Artificial Intelligence  Cmpt 310 □  Cmpt 361 □  CMPT 300 □  Cmpt 301 □  Cmpt 383 □  CMPT 307 □
   Cmpt 411 □  Cmpt 363 □  Cmpt 371 □  Cmpt 354 □  Cmpt 384 □  Cmpt 308 □
   Cmpt 412 □  Cmpt 365 □  Cmpt 379 □  Cmpt 370 □  Cmpt 480 □  Cmpt 405 □
   Cmpt 413 □  Cmpt 461 □  Cmpt 400 □  Cmpt 454 □  Cmpt 481 □  Cmpt 406 □
   Cmpt 414 □  Cmpt 466 □  Cmpt 401 □  Cmpt 459 □  Cmpt 487 □  Cmpt 407 □
   Cmpt 417 □  Cmpt 469 □  Cmpt 471 □  Cmpt 470 □  Cmpt 489 □  Cmpt 408 □
   Cmpt 419 □  Cmpt 479 □  Cmpt 475 □  Cmpt 499 □

   TABLE II – Intensive Application Courses
   Cmpt 305 □  Cmpt 340 □  Cmpt 341 □

   TABLE III – Computing Mathematics Courses
   Macm 401 □  Math 308 □  Math 343 □  Math 408 □  Math 416 □

4. ADDITIONAL BSc UPPER DIVISION REQUIREMENTS:
   Macm 316 □  Cmpt 320 □  CMNS 353 □

5. OPTIONAL CO-OP COURSES:
   Cmpt 426 □  Cmpt 427 □  Cmpt 428 □  Cmpt 429 □  Cmpt 430 □

Breadth: _____________________________

Depth: ________________________________

BSC: ________________________________

Other Courses required for graduation:

Credit hours: Total hours needed to complete  Total UD hours (3-400level) needed to complete

For each section please see the reverse for the regulations.

Initials: ____________________________  Date: ____________________________

Form Revised on Mar. 2005
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1. LOWER DIVISION REQUIREMENTS: (or equivalents)

Students must complete the lower division courses indicated or their equivalents.

- Calculus courses in place of Math 151 or 152 must have approval from an Academic Advisor.
- Phil 100 or 120 or any 100 level English course may be used to satisfy writing requirements. SFU Surrey students may use TECH 101, and Engineering Science transfer students may use ENSC 101 and 102 to satisfy the writing requirement. A grade of C- or better is required.
- TECH 149 and CMPT 118 will be accepted in lieu of CMPT 101 (if taken prior to Fall 2004). Either TECH 149 or CMPT 118 taken alone will only count as CMPT 120.

2. EXTERNAL BREADTH REQUIREMENTS:

The School requires its major students to acquire effective writing and discussion skills and to develop knowledge in diverse areas. Note: The Liberal Arts requirement may not use any language instruction, physical science or mathematics courses.

Toward this end, students must complete at least nine credit hours (at any level) of Liberal Arts breadth courses in addition to the computing science lower level requirements. A list of courses approved for this requirement is available from the office of the School of Computing Science Website in the Undergraduate Academic Programs.

http://www.cs.sfu.ca/undergrad/Advising/DiversityList.html

The physical science external breadth requirement is met by completing any one of the following courses:

BISC 101, 102, CHEM 120, 121, 122, EASC 101, GEOG 111, KIN 142, PHYS 101, 102, 120, 121, 126, 126

3. UPPER DIVISION REQUIREMENTS:

All Computing courses must complete at least 50 or more credit hours of upper division CMPT/MACM out of a total of 60 upper division credit hours. A graduation GPA of at least 3.00 must be achieved.

**Breadth Requirement** (18 credit hours)

Six courses from each of the six columns of Table I, including CMPT 300 and CMPT 307

**Depth Requirement** (18 credit hours)

Six additional computing courses chosen from Table I must include CMPT 354, CMPT 405 and at least one other course in the theoretical computing science concentration other than CMPT 307. Four of the courses must be at 400 level.

BA: The above rules apply, plus an additional 10 credits hours in a discipline in the Faculty of Arts (10 upper division credits) is required.

BSc: See below.

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

4. ADDITIONAL BSc UPPER DIVISION REQUIREMENTS

Students must complete the upper division courses indicated or their equivalents.

- Students must complete MACM 316 and one of CMPT 320 or CMNS 353
- Two additional courses must be chosen from Tables I, II or II.

5. CO-OP: Combines work experience with academic studies. Co-op is not mandatory; however, if students successfully complete 4 or 5 co-op placements, it will be indicated on their graduation parchment and transcript. Computing students are allowed to take a maximum of 5 co-op placements during their degree.

**CREDITS REQUIRED FOR A HONORS DEGREE:** An overall total of 132 credits are required with a minimum of 60 upper division credits. Computing specifies only 50 Upper Division credits and at least 10 more upper division credit hours are needed; recommend that these credits be taken outside Computing Science.

This is a Guideline only. For full regulations refer to the SFU Calendar.