MAJOR GRADUATION PLAN
Software Engineering Specialist Program

Student Name: ____________________        Student #: ___________________________

Degree Designation: BSc        Semester Approved: __________

Major/Minor: ____________________        Other: __________________________

1. LOWER DIVISION REQUIREMENTS: (or equivalents)

<table>
<thead>
<tr>
<th>Course</th>
<th>Course</th>
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<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cmpt 101</td>
<td>Cmpt 150</td>
<td>Cmpt 201</td>
<td>Cmpt 250</td>
<td>Cmpt 275</td>
</tr>
<tr>
<td>Math 232</td>
<td>Macm 101</td>
<td>Macm 201</td>
<td>Phil 100 or 120</td>
<td>Engl 1XX</td>
</tr>
<tr>
<td>Math 151</td>
<td>Math 152</td>
<td>Math 151</td>
<td>Math 151</td>
<td>Math 151</td>
</tr>
</tbody>
</table>

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

_________ □        __________ □        __________ □        __________ □        __________ □

3. UPPER DIVISION REQUIREMENTS:

Required Courses:

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<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Cmpt 300</td>
<td>Cmpt 363</td>
<td>Cmpt 307</td>
<td>Cmpt 371</td>
</tr>
<tr>
<td>Cmpt 320</td>
<td>Cmpt 475</td>
<td>Cmpt 354</td>
<td>Macm 316</td>
</tr>
</tbody>
</table>

Elective Courses: (5 of the following, with 3 at 400 level)

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<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Cmpt 301</td>
<td>Cmpt 401</td>
<td>Cmpt 479</td>
<td>Cmpt 370</td>
<td>Cmpt 454</td>
</tr>
<tr>
<td>Cmpt 379</td>
<td>Cmpt 487</td>
<td>Cmpt 489</td>
<td>Cmpt 383</td>
<td>Cmpt 471</td>
</tr>
<tr>
<td>Ensc 351</td>
<td></td>
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</tbody>
</table>

ADDITIONAL UPPER LEVEL COMPUTING COURSES: (2 additional CMPT courses)

Cmpt _________ □        Cmpt _________ □

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

Required: _____________________________________________________________________________

Elective: _______________________________________________________________________________

Other Courses required for graduation: ____________________________________________________

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

For each section please see the reverse for the regulations.

Initials: ____________________        Date: __________________________

Form Revised on Mar, 2005
MAJOR GRADUATION PLAN: Software Engineering Specialist

THE REGULATIONS

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 and may include qualifying social science classes) 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/ExternalBreadthList.html](http://www.cs.sfu.ca/undergrad/Advising/ExternalBreadthList.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, 125, 126.

3. UPPER DIVISION REQUIREMENTS:

Required Courses: Students must complete all eight courses.

Elective Courses: Students must complete five or more courses. At least three of which must be at the 400 level.

Additional Computing: Additional upper level computing courses are required to bring the total computing credits to 45 or more (ENSC 351 is treated as CMPT Credit for this purpose).

BSc: By completing the required and elective courses, plus the additional computing credit hours, all requirements for the BSc for the Faculty of Applied Science will be satisfied.

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. 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. Students are allowed to take a maximum of 5 co-op placements during their degree. Students taking 3 co-op placements will get a certificate.

CREDITS REQUIRED FOR A SFU DEGREE: Minimum of 120 credits in total and 45 are Upper Division credits.

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