FOR STUDENTS APPROVED AS SOFTWARE SYSTEMS MAJORS BEGINNING FALL 2015

Student Name: _____Student ID: _____Date: _____

Admit Term: _____ Term Approved: _____ Other Major/Minor: _____ Email: _____

LOWER DIVISON REQUIREMENTS: Students must complete ALL of the following:

SOFTWARE SYSTEMS (57 or 58 Units)							
CMPT 105W	☐	CMPT 225	☐	MATH 151 OR 150 (UB)	☐	(WQB) B-SOC	☐
CMPT 106	☐	CMPT 213	☐	MACM 101 (B-SCI)	☐	(WQB) B-SOC	☐
CMPT 130	☐	CMPT 276	☐	MATH 232 (UB)	☐	(WQB) B-HUM	☐
CMPT 135	☐	CMPT 295	☐	MACM 201	☐	(WQB) B-HUM	☐
MSE 110	☐			STAT 101 or 270	☐	(WQB) B-SCI	☐

UPPER DIVISON REQUIREMENTS: Students must complete ALL of the following (27 UD CS Units):

FUNDAMENTALS (6 Units)		SYSTEMS (6 Units)				SOFTWARE ENGINEERING (9 Units)			
CMPT 307	☐	CMPT 300			☐	CMPT 373			☐
CMPT 322W	☐	CMPT 371			☐	CMPT 379			☐
		ELECTIVES – Choose 1 of the following: (3 Units)				CMPT 473			☐
		CMPT 354	☐	CMPT 470	☐	ELECTIVES – Choose 1 of the following: (3 Units)			
		CMPT 431	☐	CMPT 471	☐	CMPT 383	☐	CMPT 477	☐
		CMPT 433	☐			CMPT 384	☐		
		CMPT 454	☐			CMPT 474	☐		

ADDITIONAL UPPER DIVISION CS UNITS (9 Units)		Depth Requirement
CMPT/MACM	☐	Students must complete at least nine CMPT or MACM units at the 400 Division (eg: CMPT 433, CMPT 454, CMPT 474)
CMPT/MACM	☐	
CMPT/MACM	☐	**Graduation Requirements – 120 Units Total**
		45 UD units (36 UD CS units as specified by the major)

OPTIONAL CO-OPERATIVE EDUCATION (15 Units)		NOTES
CMPT 426 Practicum I	☐	
CMPT 427 Practicum II	☐	
CMPT 428 Practicum III	☐	
CMPT 429 Practicum IV	☐	
CMPT 430 Practicum V	☐	

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

This graduation plan is a guideline only. Please refer to the SFU calendar for full details.

1. **LOWER DIVISION REQUIREMENTS (or equivalents):**

   - MATH 154 or 157 may be substituted for either MATH 151 or 150, but only with a grade of B+ or better
   - CMPT 213 should be taken after completing CMPT 225

   WQB requirements - Students need to complete:

   - One Lower Division (LD) Writing Course (CMPT 105W)
   - One Upper Division (UD) Writing Course (CMPT 322W)
   - 6 units of Breadth Science (B-Sci)
   - 6 units of Breadth Social (B-Soc)
   - 6 units of Breadth Humanities (B-Hum)
   - 6 units of Undesignated Breadth (UB)

Please refer to: http://www.sfu.ca/ugcr/for_students/wqb_requirements/breadth.html for courses that fulfill these requirements.

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 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.html

2. **UPPER DIVISION REQUIREMENTS:**

Required Courses - Students are required to complete all required courses from the Software Engineering, Systems, and Fundamentals areas.

Elective Courses - Students are required to select elective courses from the lists shown for each of the Software Engineering and Systems areas.
Students will have room to take elective credits in order to complete 120 credits required for graduation.

Faculty of Applied Science Requirements - At least two thirds of the total Upper Division (UD) 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. For more information about Co-op, please see: http://www.sfu.ca/coop/programs/cmpt/prospective-students.html

4. **ADVISING**

Drop-In Advising is available at the Surrey campus for students in the Software Systems degree program. Please see the online calendar here http://www.cs.sfu.ca/CourseCentral/adbooking/calendar.cgi to view the drop-in times or email sysone@sfu.ca.

Please bring a copy of your advising transcript (sorted by term) with you to the advising session. The advising transcript can be printed from the Student Information System at go.sfu.ca.

This is a guideline only. For full regulations refer to the SFU Calendar.   Updated: Nov '16

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