PROGRAM REQUIREMENTS: OVERVIEW

A minimum of 120 units is required to complete the Bachelor of Science in Software Systems Program. This consists of:

Lower Division (57-59 units)
- CMPT/MACM/MATH (42-44 units)
- WQB courses (15 units)

+

Upper Division (45 units)
- CMPT/MACM (36 units)
- Elective courses (9 units)

+

General Electives

=

120 units overall

LOWER DIVISION REQUIREMENTS (100/200) – 57-59 units – Complete all of :

SOFTWARE SYSTEMS			
❑ CMPT 276	❑ MATH 152		
		(UB)	❑ (WQB) B-SOC
❑ CMPT 130	❑ CMPT 295	❑ MATH 232 OR 240	❑ (WQB) B-HUM
❑ CMPT 135	❑ MACM 101 (B-SCI)	❑ MSE 110	❑ (WQB) B-HUM
❑ CMPT 213	❑ MACM 201	❑ STAT 205,	

UPPER DIVISION REQUIREMENTS (300/400) – 45 units – Complete all of:

REQUIRED (6 Units)

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SOFTWARE ENGINEERING (12 Units)	
❑ CMPT 373	
❑ CMPT 473	
AND CHOOSE 2 OF THE FOLLOWING:	
❑ CMPT 379	❑ CMPT 474
❑ CMPT 383	❑ CMPT 477
❑ CMPT 384	

❑ CMPT/MACM 3XX/4XX

❑ CMPT/MACM 3XX/4XX

Note students are required to complete a minimum of 36 UD CMPT units, with at least 9 CMPT or MACM units at the 400 level

❑ CMPT/MACM 4XX

❑ CMPT/MACM 4XX

❑ CMPT/MACM 4XX (CMPT 473)

UPPER DIVISION ELECTIVES (9 Units)		
❑ ANY 3XX/4XX	❑ ANY 3XX/4XX	❑ ANY 3XX/4XX

SUMMARY:

Requirement	Completed	In Progress	Total	Remaining
Total Units (min 120 units)				

- MATH 154 or 157 may be substituted for either MATH 151 or 150, but only with a grade of B+ or better with school permission
- MATH 155 or 158 may be substituted for MATH 152, but only with a grade of B+ or better with school permission
- CMPT 213 should be taken after completing CMPT 225
- Students must complete at least nine CMPT or MACM units at the 400 level (CMPT 473 and CMPT 4XX level courses that meet the Systems and Software Engineering upper division requirements can be double counted towards meeting this requirement); CMPT 415, 416, and 498 may only be included with permission of the School.
- Upper division (300/400) level courses may be used to satisfy the WQB requirements. Granted they have a WQB designation and are not CMPT courses.

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

Elective Courses - Students will have room to take additional elective credits in order to complete 120 credits required for graduation.

Faculty of Applied Science Residency 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.

Continuation Requirements:

Students who do not maintain at least a 2.40 CGPA, will be placed **on probation in the School of Computing Science**.

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