

Name: _____ Student ID: _____ Date: _____

LOWER DIVISION REQUIREMENTS (100/200):

SFU Courses		ZJU Courses	
<input type="checkbox"/> CMPT 105 W	<input type="checkbox"/> ECON 105	<input type="checkbox"/> Fundamentals of C Programming	<input type="checkbox"/> Object-Oriented Programming
<input type="checkbox"/> CMPT 120	<input type="checkbox"/> MACM 101	<input type="checkbox"/> Mathematical Statistics	<input type="checkbox"/> Fundamentals of Software Engineering
<input type="checkbox"/> CMPT 125	<input type="checkbox"/> MATH 151	<input type="checkbox"/> Probability Theory	<input type="checkbox"/> Computer Organization
<input type="checkbox"/> CMPT 225	<input type="checkbox"/> MATH 152	<input type="checkbox"/> Discrete Mathematics (B-Sci)	<input type="checkbox"/> Fundamentals of Data Structures
<input type="checkbox"/> CMPT 276	<input type="checkbox"/> MATH 232	<input type="checkbox"/> Digital Logic Design	<input type="checkbox"/> Advanced Data Structure & Algorithm Analysis
<input type="checkbox"/> CMPT 295	<input type="checkbox"/> CMPT 210 or MACM 201		
<input type="checkbox"/> BUS 232	<input type="checkbox"/> HIST 225 or course substitutions with CMPTMAJ		

Breadth Courses

<input type="checkbox"/> B-Sci: _____	<input type="checkbox"/> B-Hum: _____
<input type="checkbox"/> B-Soc: _____	<input type="checkbox"/> B-Hum: _____
<input type="checkbox"/> B-Soc: _____	

Mandarin Courses

Non-heritage track:

<input type="checkbox"/> CHIN 180	<input type="checkbox"/> CHIN 181	<input type="checkbox"/> CHIN 280	<input type="checkbox"/> CHIN 281	
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Heritage track (students may only need to take one or more of the following courses based on the placement result):

<input type="checkbox"/> CHIN 190	<input type="checkbox"/> CHIN191	<input type="checkbox"/> CHIN 290	<input type="checkbox"/> CHIN 291	<input type="checkbox"/> CHIN 390
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UPPER DIVISION REQUIREMENTS (300/400) - 45 units: Requirements for Breadth, Depth and BSc Credential

Table I: Computing Science Concentrations

Artificial Intelligence	Visual and Interactive Computing	Computing Systems	Information Systems	Programming Languages and Software	Theoretical Computing Science
<input type="checkbox"/> CMPT 310	<input type="checkbox"/> CMPT 361	<input type="checkbox"/> CMPT 300	<input type="checkbox"/> CMPT 353	<input type="checkbox"/> CMPT 373	<input type="checkbox"/> CMPT 307
<input type="checkbox"/> CMPT 340	<input type="checkbox"/> CMPT 363	<input type="checkbox"/> CMPT 305	<input type="checkbox"/> CMPT 354	<input type="checkbox"/> CMPT 383	<input type="checkbox"/> CMPT 308
<input type="checkbox"/> CMPT 410	<input type="checkbox"/> CMPT 365	<input type="checkbox"/> CMPT 371	<input type="checkbox"/> CMPT 362	<input type="checkbox"/> CMPT 384	<input type="checkbox"/> CMPT 404
<input type="checkbox"/> CMPT 411	<input type="checkbox"/> CMPT 412	<input type="checkbox"/> CMPT 379	<input type="checkbox"/> CMPT 372	<input type="checkbox"/> CMPT 473	<input type="checkbox"/> CMPT 405
<input type="checkbox"/> CMPT 413	<input type="checkbox"/> CMPT 461	<input type="checkbox"/> CMPT 403	<input type="checkbox"/> CMPT 441	<input type="checkbox"/> CMPT 475	<input type="checkbox"/> CMPT 406
<input type="checkbox"/> CMPT 417	<input type="checkbox"/> CMPT 464	<input type="checkbox"/> CMPT 431	<input type="checkbox"/> CMPT 454	<input type="checkbox"/> CMPT 477	<input type="checkbox"/> CMPT 407
<input type="checkbox"/> CMPT 419	<input type="checkbox"/> CMPT 466	<input type="checkbox"/> CMPT 433	<input type="checkbox"/> CMPT 456	<input type="checkbox"/> CMPT 489	<input type="checkbox"/> CMPT 409
<input type="checkbox"/> CMPT 420	<input type="checkbox"/> CMPT 467	<input type="checkbox"/> CMPT 450	<input type="checkbox"/> CMPT 459		<input type="checkbox"/> CMPT 476
	<input type="checkbox"/> CMPT 469	<input type="checkbox"/> CMPT 471	<input type="checkbox"/> CMPT 474		<input type="checkbox"/> MACM 300
		<input type="checkbox"/> CMPT 479			
		<input type="checkbox"/> CMPT 499			

Additional Requirements:

<input type="checkbox"/> MACM 316
<input type="checkbox"/> CMPT 497 or Two approved CMPT 400 level courses

Upper Division W course:

<input type="checkbox"/> CMPT376W

LOWER DIVISION REQUIREMENTS:

MATH 154/157 and 155/158, with grades of B+ or higher, may substitute MATH 150/151 and 152.

WQB requirements:

ZJU Block DDP credit for the core courses includes 3 units of B-Sci credit, 6 units of Q credit and 3 units of B-Soc credit. All course plans include at least 6 required units of additional block credit including 3 units of B-Hum and 3 units of B-Soc credit.

Students required to take the additional Chinese language and culture courses receive up to 9 units of further block credit including 3 units of B-Hum and 3 units of B-Soc credit.

UPPER DIVISION REQUIREMENTS:

Breadth Requirement

Seven courses from five of the six Table 1 Concentration Areas must be completed including CMPT 300, 307, CMPT 310, CMPT 354 and CMPT 371.

Depth Requirement

Students complete 24 additional upper division CMPT units, including at least nine units of additional 400 level courses from Table I. These are **in addition** to the breadth courses above.

Note: The following courses may be counted as being part of Tables I with permission of the School: CMPT 318, 415, 416, 496, 497, 498, and 700/800 level CMPT courses.

Additional Requirements

MACM 316

CMPT 376W

CMPT 497 (CMPT 497 may be replaced by 2 courses (6 units) from the following upper division CMPT courses):

CMPT 412, 413, 417, 431, 433, 441, 454, 456, 461, 464, 466, 467, 471, 473, 474, 468, 475

GRADUATION & RESIDENCY REQUIREMENTS

Minimum 120 units required to graduate: Current: _____/120 units

Minimum 45 Upper Division Units (min 30 CMPT UD units): Current: _____/45 units

Minimum 54 units at SFU: Current: _____54 units

Upper Division Breadth courses required:

Upper Division Depth courses required:

Additional Upper Division courses required:

Other courses required for graduation:

Note: Students will be awarded 18 units of upper division block transfer credit for completion of the first 18 units of course work at ZIBS. This block credit may be counted towards three units of B-Soc breadth requirements as well as six units of undesignated breadth requirements. Depending on the specific ZIBS course taken, up to six units may be counted towards CMPT 4XX requirements as noted above.

Continuation Requirements

Students who do not maintain at least a 2.40 CGPA, will be placed on probation in the School of Computing Science. Courses available to probationary students may be limited. Each term, these students must consult an advisor prior to enrollment and must achieve either a term 2.40 GPA or an improved CGPA. Students who fail to do so may be removed from the program.

Co-Operative Education

Combines work experience with academic studies—all students are encouraged to apply. Co-op is not mandatory; however, three work terms must be successfully completed in order to obtain an undergraduate degree with a co-op designation. For more information about Co-op, please see:

<http://www.sfu.ca/coop/programs/cmpt/prospective.html>

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