Name: $\qquad$
Student ID: $\qquad$
REQUIRED LOWER DIVISON
Students complete at least 48 units, including:

## One of:

MATH 150 (4) $\qquad$
MATH 151 (3) $\qquad$
MATH 154* (3) $\qquad$

* with a grade of B+ of higher, and with school

MATH 157* (3) $\qquad$

One of:
MATH 152 (3) $\qquad$
MATH 155* (3) ___
$\qquad$
MATH 158* (3) $\qquad$ permission
MATH 1 Ј7* (3)

MATH 158* (3) ____

Date: $\qquad$
Email: $\qquad$

## One of:

MATH 232 (3) $\qquad$
MATH 240 (3) $\qquad$

## One of:

BUS 232 (4) $\qquad$
STAT 270 (3) $\qquad$

## One of:

COGS 100士 (3) B-SOC $\qquad$
$\pm$ or one course chosen from the social science electives list in computing science major program

## Computing Science Requirements

Student complete at least 21 units, including:
All of:
CMPT 120** (3) B-SCI $\qquad$
CMPT 125** (3) $\qquad$
CMPT 127** (3) $\qquad$
** CMPT 130 (3) and CMPT 135 (3) are an acceptable alternative to CMPT 120/125/127

CMPT 225 (3) $\qquad$
CMPT 276 (3) $\qquad$
CMPT 295 (3) $\qquad$
MACM 101 (3) B-SCI $\qquad$
MACM 201 (3)

## Linguistics Requirements

Students complete at least 9 units, including:
All of:
LING 220 (3) $\qquad$
LING 282W (3) LD W $\qquad$
One additional LING lower division course $\qquad$
$\qquad$
B-SOC
-
$\qquad$

## Computing Science Requirements <br> Students complete at least 24 units, including:

All of:
CMPT 300 (3) ___ CMPT 376W (3) UD W ___
CMPT 307 (3) ___ CMPT 413 (3)
And 12 CMPT units chosen from four distinct concentration areas as listed in table I
(CMPT 308 and CMPT 379 are recommended)
CMPT (3) $\qquad$ CMPT (3) $\qquad$
CMPT (3) $\qquad$ CMPT (3) $\qquad$

## Linguistic Requirements

Students complete at least 21 units, including:

Both of:
LING 321 (3) $\qquad$
LING 322 (3) $\qquad$

## And one of:

LING 400 (3) $\qquad$

And 12 LING units chosen from:

LING 323 (3) $\qquad$ LING 401 (3) $\qquad$
LING 324 (3) $\qquad$ LING 480 (3) $\qquad$
LING 330 (3) $\qquad$

LING 481 (3) $\qquad$

## Table I - Computing Science Concentrations

| Artificial Intelligence | Computing Systems |
| :---: | :---: |
| CMPT 310 (3) | - CMPT 300 (3) |
| CMPT 340 (3) | - CMPT 305 (3) |
| CMPT 411 (3) | - CMPT 371 (3) |
| CMPT 412 (3) | - CMPT 379 (3) |
| CMPT 413 (3) | - CMPT 431 (3) |
| CMPT 414 (3) | - CMPT 433 (3) |
| - CMPT 417 (3) | - CMPT 471 (3) |
| CMPT 419 (3) | - CMPT 479 (3) |
| Computer Graphics and Multimedia | - CMPT 499 (3) |
| - CMPT 361 (3) | Systems |
| CMPT 363 (3) | - CMPT 354 (3) |
| CMPT 365 (3) | - CMPT 441 (3) |
| CMPT 461 (3) | - CMPT 454 (3) |
| CMPT 464 (3) | - CMPT 456 (3) |
| - CMPT 466 (3) | - CMPT 459 (3) |
| - CMPT 469 (3) | - CMPT 470 (3) |
|  | - CMPT 474 (3) |

## Programming <br> Languages and

Software

- CMPT 373 (3)
- CMPT 383 (3)
- CMPT 384 (3)
- CMPT 473 (3)
- CMPT 475 (3)
- CMPT 477 (3)
- CMPT 489 (3)

Theoretical
Computing
Science

- CMPT 307 (3)
- CMPT 308 (3)
- CMPT 404 (3)
- CMPT 405 (3)
- CMPT 407 (3)
- CMPT 408 (3)
- CMPT 409 (3)
- MACM 300 (3)

| Unit Requirements |  |  |
| :--- | :--- | :--- |
| 120 units required | Current ___ Required |  |
| 45 UD units required | Current ___ Required |  |

## Continuation Requirements

Students who do not maintain at least a 2.40 CGPA will be placed on the school's probation.

## Graduation Requirements

A 2.0 GPA must be obtained for the upper division courses used to fulfil the program requirements.

## Prerequisite Grade Requirement

Computing science course entry requires a grade of C- or better in each prerequisite course. A minimum 2.40 CGPA is required for 200,300 and 400 division computing courses.

Elective Courses
Students should consult an academic advisor to plan the remaining required elective courses

## BA and BSc Requirements

Students choose either a bachelor of arts from the Faculty of Arts and Social Sciences (FASS), or a bachelor of science from the Faculty of Applied Sciences (FAS). Students must fulfil their chosen faculty's distinct requirements.

## Residency Requirements and Transfer Credit

At least half of the program's total units must be earned through Simon Fraser University study. At least two thirds of the program's total upper division units must be earned through Simon Fraser University study. Please see Faculty of Applied Sciences Residency Requirements for further information.

## Co-operative Education and Work Experience

All computing science students are strongly encouraged to explore the opportunities that Work Integrated Learning (WIL) can offer them. Please contact a Computing Science co-op advisor during your first year of studies to ensure that you have all of the necessary courses and information to help plan for a successful co-op experience.

