

For students approved as Joint Majors in Computing Science & Linguistics fall 2006 onwards

COMPUTING & LINGUISTICS JOINT-MAJOR GRADUATION PLAN

Student Name: _____ **Student #:** _____

Degree Designation: BSc-APSC BA-FASS **Semester Approved:** _____ **Date:** _____

Computing Advisor: _____ **Linguistics Advisor:** _____ **Student Email:** _____

1. LOWER DIVISION REQUIREMENTS: (9 qualifying courses need for approval - see instructions on the back)

- (Q) Cmpt 126 or 125 (Q) Cmpt 150 (Q) Cmpt 225 Ling 130 Ling 220
 (Q) Math 151 (Q) Math 152 (Q) Math 232 Undesignated Breadth Ling 221
 (B-Sci) Macm 101 (Q) Macm 201 Cmpt 275 Undesignated Breadth Ling 222
 B-Soc _____ B-Soc _____ B-Sci _____ B-Hum _____ B-Hum _____
 (Q) Stat 270 or (Q) Buec 232 (B-Hum or W) Phil 100 or 120, or (W) Engl 1XX, or (W) Tech 101

2. UPPER LEVEL WRITING REQUIREMENT: (w) Cmpt 376 or (W) Ling 481

3. COMPUTING UPPER DIVISION REQUIREMENTS:

- Cmpt 300 Cmpt 307 Cmpt 320 Cmpt 413

TABLE I – Computing Science Concentrations Four courses from distinct concentration areas, including those underlined.

Cmpt Graphics	Cmpt Systems	Information Systems	Prg. Lang. & Software	Theoretical Cmpt. Sci.
Cmpt 361 <input type="checkbox"/>	Cmpt 371 <input type="checkbox"/>	Cmpt 301 <input type="checkbox"/>	Cmpt 383 <input type="checkbox"/>	<u>Cmpt 308</u> <input type="checkbox"/>
Cmpt 363 <input type="checkbox"/>	<u>Cmpt 379</u> <input type="checkbox"/>	Cmpt 354 <input type="checkbox"/>	Cmpt 384 <input type="checkbox"/>	Cmpt 405 <input type="checkbox"/>
Cmpt 365 <input type="checkbox"/>	Cmpt 400 <input type="checkbox"/>	Cmpt 370 <input type="checkbox"/>	Cmpt 480 <input type="checkbox"/>	Cmpt 406 <input type="checkbox"/>
Cmpt 368 <input type="checkbox"/>	Cmpt 401 <input type="checkbox"/>	Cmpt 454 <input type="checkbox"/>	Cmpt 477 <input type="checkbox"/>	Cmpt 407 <input type="checkbox"/>
Cmpt 461 <input type="checkbox"/>	Cmpt 471 <input type="checkbox"/>	Cmpt 459 <input type="checkbox"/>	Cmpt 481 <input type="checkbox"/>	Cmpt 408 <input type="checkbox"/>
Cmpt 466 <input type="checkbox"/>	Cmpt 479 <input type="checkbox"/>	Cmpt 470 <input type="checkbox"/>	Cmpt 487 <input type="checkbox"/>	Cmpt 409 <input type="checkbox"/>
Cmpt 469 <input type="checkbox"/>	Cmpt 499 <input type="checkbox"/>	Cmpt 475 <input type="checkbox"/>	Cmpt 489 <input type="checkbox"/>	Macm 498 <input type="checkbox"/>

4. LINGUISTICS UPPER DIVISION REQUIREMENTS

- Ling 321 Ling 322 Ling 400 or MACM 300

In addition, students must select 4 courses from:

- Ling 323 Ling 324 Ling 330 Ling 401
 Ling 405 Ling 406 Ling 480 Ling 481

5. OPTIONAL CO-OP COURSES:

- Ling 370 Ling 371 Ling 470 Ling 471 OR
 Cmpt 426 Cmpt 427 Cmpt 428 Cmpt 429 Cmpt 430

Required courses: _____

BSc or BA requirements: _____

Other Courses required for graduation: _____

Credit hours: Total credits needed: _____ Total Upper Division needed: _____
 120 – (_____) = _____ 45 – (_____) = _____

For each section please see the reverse for the regulations.

MAJOR GRADUATION PLAN

THE REGULATIONS

1. LOWER DIVISION REQUIREMENTS: (or equivalents)

Students must complete the lower division courses indicated or their equivalents.

- To satisfy the writing requirement. **A grade of C- or better is required.**

CERTIFIED BREADTH REQUIREMENTS: (or equivalents)

Students will need to complete 6 credit hours from each B-Soc, B-Sci, & B-Hum for a total of 18 credits.

B-Soc list: ARCH 100, CMNS 110, COGS 100, CRIM 101, ECON 103, 105, GEOG 100, LING 100, POL 100, PSYC 100, 102, REM 100, SA 101, 150, TECH 114 or WS 101.

B-Sci list: BISC 101, 102, CHEM 120, 121, EASC 101, GEOG 111, KIN 142, PHYS 101, 102, 120, 121.

Please see the Certified Breadth Course list on the CS website for a complete listing of approved **B-Hum** courses.

http://www.sfu.ca/ugcr/For_Faculty/WQB_Criteria_and_Definitions/Breadth/

ADDITIONAL WQB REQUIREMENTS: (or equivalents)

In addition, 6 credits of Undesignated Breadth (UB) will be required which can be chosen from any non-major course work (example CHEM 125, 126) or other non-computing or Linguistics courses.

4. ADDITIONAL UPPER DIVISION REQUIREMENTS:

At least two thirds of the total Upper Division credits in the program must have been completed at Simon Fraser University.

BSc: Faculty of Applied Science Requirements: Please refer to current SFU calendar for details.

Four courses in Table I, it is recommended CMPT 308-3 and CMPT 379-3 be included with two 400 level courses. MACM 316 and CMPT 320 with one additional course from Table I, II or III must also be completed.

TABLE II – Intensive Application Courses

Cmpt 305 <input type="checkbox"/>	Cmpt 340 <input type="checkbox"/>	Cmpt 341 <input type="checkbox"/>
Cmpt 415 <input type="checkbox"/>	Cmpt 416 <input type="checkbox"/>	Cmpt 441 <input type="checkbox"/>

TABLE III – Computing Mathematics Courses

Macm 401 <input type="checkbox"/>	Math 308 <input type="checkbox"/>	Math 343 <input type="checkbox"/>
Math 408 <input type="checkbox"/>	Math 416 <input type="checkbox"/>	Math 445 <input type="checkbox"/>

BA: Faculty of Arts & Social Science Requirements: At least four additional Arts or Social Science courses chosen from different departments, resulting in 65 credit hours at all levels from FASS. As well as 65 units in FASS the student needs to fulfill FASS breadth requirements. For students admitted before September 2006 an additional breadth requirements of 30 credit hours outside the major department, with no more than 9 units from any one department, and a minimum of five departments overall. (Please see Faculty of Arts & Sciences section of the calendar).

5. CO-OPERATIVE EDUCATION: Combines work experience with academic studies. 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.

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