S.97-27

SIMON FRASER UNIVERSITY

OFFICE OF THE VICE-PRESIDENT, ACADEMIC

MEMORANDUM

To: Senate

From: D. Gagan, Chair
Senate Committee on Academic Planning

Subject: School of Computing Science -
Revised Admission Requirements
(SCUS Reference: SCUS 97-5)
(SCAP Reference: SCAP 97-7)

Date: February 11, 1997

Action undertaken by the Senate Committee on Undergraduate Studies and the Senate Committee on Academic Planning gives rise to the following motion:

Motion:

"that Senate approve and recommend approval to the Board of Governors, as set forth in S.97 - 27 , the revised requirements for admission to Computing Science Programs."

Simon Fraser University

MEMORANDUM

To: Alison Watt Director of Secretariat Services	**From:** Fred Popowich Director, Undergraduate Programs Computing Science
Subject: Calendar Changes concerning Admission	**Date:** January 7, 1997

At a School Meeting on Thursday October 31st 1996, we approved changes to our admissions policy to make provisions for earlier declaration and direct entry into the computing science degree programs.

Currently, computing science students are allowed to declare only after completion of 57 credit hours. In some special cases, relating to transfer students, direct entry is possible, but transfer students often have to take 12 credits of computing courses at Simon Fraser University before being accepted as a declared student. Our school has decided to make changes in our enrollment policy which will allow early declaration and direct entry into the computing science degree programs. The proposed changes

1. will allow for greater enrollment control and predictability
2. will attract high quality students (we will be able to guarantee these students a place in the program sooner)
3. will allow timely completion (since it will be easier for students in the program to get the courses they need)
4. will allow flexibility (students will still have various entry points into the program)

Note that once students have been accepted as a declared student, they will not be re-evaluated. They will still have to maintain the current 2.25 GPA requirement though.

Based on some interaction between our School and the Registrar's Office, we have come up with the following calendar changes that we would like to have in effect for September 1997.

cc: Nick Heath, Director of Admissions; Wo-Shun Luk, Director of School of Computing Science

Computing Science Admission Arrangements Changes require the following additions to the Admission and Readmission section of the Calendar

1. Page 26 Admission Process - British Columbia - Secondary Schools

Computing Science Admission Requirements

Secondary school students who wish to enter a Computing Science Program directly are required to fulfill the general admission requirements, and to include Mathematics 12*. Admission is highly competitive.

*** or Principles of Mathematics 12, or equivalent Advanced Placement or International Baccalaureate courses as listed above under *General Admission Requirements* for British Columbia Secondary Schools.**

2. Page 27 Admission Process - Community Colleges

Computing Science Admission Requirements

Transfer students who wish to enter the Computing Science program directly are required to fulfill the general University admission requirements and the following requirements depending on the number of semester hours completed:

- **have completed at least 30 semester hours of transfer credit, including: CMPT 101, CMPT 150 (or CMPT 105), and MACM 101, or**
- **have completed at least 45 semester hours of transfer credit, including CMPT 101, CMPT 150 (or CMPT 105), MACM 101 and CMPT 201, or**
- **have completed at least 57 semester hours including the lower division requirements as discussed in the School of Computing Science section (see pp 78-79).**

Admission is highly competitive. Acceptance as an approved computing Science student is based both on overall academic performance as measured by the CGPA and on specific academic performance in computing-related courses as measured by the computing-related GPA (CRGPA). The CRGPA for a program is the GPA calculated on all courses used for the lower division requirements for that program.

3. Page 78 (attached)

Proposed Calendar Entry page 78

Enrollment Limitations

Registration in the upper division courses for major, minor, honors and related joint programs is limited. Space in upper division Computing Science courses is primarily reserved for students who have been formally accepted into such a program; only such students will be generally able to obtain the upper division courses necessary to complete the program.

Normally, students apply for acceptance upon completion of 57 semester hours including the lower division requirements for the program. Early acceptance is available for SFU students and transfer students with high CGPAs and computing-related GPAs (CRGPA). Direct acceptance is also possible for secondary schools students with strong university admission GPAs.

Approval into a computing science program is based both on overall academic performance as measured by the CGPA and on specific academic performance in computing-related material as measured by the CRGPA. The CRGPA for a given program is the GPA calculated on all courses used for the lower division requirements for that program and any other SFU CMPT courses taken.

For early acceptance into a program, students are required to fulfill the following requirements depending on the number of semester hours completed at SFU (or equivalent):

30 - 44 semester hours completed: Students are required to have completed CMPT 101, CMPT 150 (or CMPT 105), and MACM 101 (or equivalent courses taken elsewhere).

45 or more semester hours completed: Students are required to have completed CMPT 201, in addition to the courses listed for 30 semester hours.

A student can be formally approved into any of the programs involving Computing Science if their CGPA and CRGPA are both greater than or equal to the computing science acceptance GPA. The acceptance GPA is higher for early approval and decreases as students near completion of lower division requirements. The actual values may vary from semester to semester depending on the number of available spaces and the number of qualified applications, and are subject to the Dean's approval. In previous semesters, the acceptance GPA at 57 credit hours was 2.60. Applications for formal approval must be received by the fifth day of classes for consideration in that semester.

For direct acceptance on the basis of BC secondary school achievement, students are required to fulfill the general university admission requirements and to include Mathematics 12 in the courses they use for the admission GPA calculation. Students with strong admission GPAs are encouraged to apply for direct acceptance into the Computing Science program.

To remain in a program in Computing Science a student will be expected to maintain at least the minimum CGPA of 2.25.

Existing Calendar Entry page 78

Enrollment Limitations

Admission to the upper division courses for major, minor, honors and related joint programs is limited. Space in upper division Computing Science courses is primarily reserved for students who have been formally accepted into such a program; only such students will be generally able to obtain the upper division courses necessary to complete the program.

Program admission is based both on overall academic performance as measured by the CGPA and on specific academic performance in computing-related material as measured by the computing-related GPA for declaration in the given program. The CGPA is calculated on all Simon Fraser University work as described in the General Regulations . The computing-related GPA for a given program is the GPA calculated on all courses used for the lower division requirements of that program and any other CMPT courses taken. Only courses taken at Simon Fraser University are used in these calculations.

A student may apply for formal acceptance as a declared student in any of these programs involving Computing Science upon completion of 57 semester hours including the lower division requirements for the program. For direct admission based on CGPA and on computing-related GPA the student must have completed at least 12 semester hours of the computing related courses at Simon Fraser University. Applications must be submitted by the fifth day of classes for admission consideration in that semester.

The school admits a limited number. After the closing date for admissions each semester, the school determines a semester admission GPA based on the number of places available and subject to the Dean's approval. (In previous semesters the admission CGPA was 2.60.) Every applicant for a Computing program whose CGPA and computing-related GPA are both greater than or equal to the admission GPA will be admitted. Admission to a program will not be granted to any applicant who has either a CGPA or a computing-related GPA for the program which is less than the semester admission GPA.

A transfer or second degree student who has not completed at least 12 credits of computing-related courses, but who has at least 57 hours of overall credit and all lower division program requirements may apply for special admission consideration based on transcripts from other post-secondary institutions.

To remain in a program in Computing Science a student will be expected to maintain at least the minimum CGPA of 2.25.