SIMON FRASER UNIVERSITY

MEMORANDUM

To: Senate **From:** J.M. Munro, Chair
Senate Committee on
Academic Planning

Subject: Curriculum Revisions - **Date:** December 13, 1994
Faculty of Arts

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 the curriculum revisions for the Faculty of Arts as set forth in S.95-3 as follows:

S.95-3a   Cognitive Science Program."

Cognitive Science Program

SCUS Reference: SCUS 94 - 11
SCAP Reference: SCAP 94 - 55 c

Changes to Lower Division Requirements: Beginning Level
Changes to Lower Division Requirements: Intermediate Level

Memorandum
SIMON FRASER UNIVERSITY
Linguistics Department

TO: Andrea Lebowitz

Associate Dean of Arts

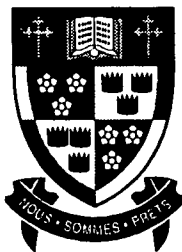**FROM:** Thomas A. Perry, Coordinator

Cognitive Science Program

SUBJECT: Curriculum revision

DATE: November 2, 1994

Changes to the Computing Science curriculum which have implications for the Cognitive Science program are presently proceeding through the approval process. It would be timely to forward the attached adjustments to Cognitive Science major and honors requirements in order them it to appear in the Calendar at the same time as the Computing Science changes. Please refer the attached change to the Faculty of Arts Curriculum Committee for consideration. If you need any further information, please let me know.

Cognitive Science Program Changes: Synopsis and Rationale

1. Changes to Lower Division Requirements: Beginning level

This set of courses represents the only set in which students are required to take courses in all 4 of the constituent disciplines.

From:

To:

Lower Division Requirements

Computing Science

CMPT 101-4	Modula 2 (or 103-3 and 104)
CMPT 105-3	Fundamental Concepts of Computing

Lower Division Requirements

Computing Science

CMPT 101-4	Modula 2 (or 103-3 and 104-2)
CMPT 105-3	Fundamental Concepts of Computing

Additionally, for students who choose Computing Science at the Intermediate level:

MACM 101-3	Discrete Mathematics I

RATIONALE: Computing Science is specifying a new course (MACM 101) as a prerequisite for virtually all further work in Computing Science. This course will also replace the formerly hidden prerequisite of MATH 151, which was required for courses such as CMPT 205. This course must therefore be added to provide entry to further work in the Computing Science option of the requirements. This change will mean the load required of Cognitive Science majors in 100-level courses will now be 22-26 hours (depending on options chosen), instead of the former 19-23 hours, but this increase will be balanced by a reduction in 200-level requirements (see below).

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2. Changes to Lower Division Requirements: Intermediate level

From:

To:

Computing Science

CMPT 201-4	Data and Program Organization
CMPT 205-3	Introduction to Formal Topics in Computing Science

Computing Science

CMPT 201-4	Data and Program Organization

RATIONALE: CMPT 205 is to be replaced by a new course, MACM 101 in the prerequisite sequencing of Computing Science courses that are relevant to the Cognitive Science program. CMPT 205 is no longer necessary, since it was required only in its function of fulfilling prerequisites for upper division courses in the program. The required load in 200-level courses will drop to 17-25 hours (depending on options chosen), down from 20-28 hours before.