SIMON FRASER UNIVERSITY

S.75-182

MEMORANDUM

To.......... SENATE

From.... SENATE COMMITTEE ON UNDERGRADUATE

.... STUDIES

Subject.... PROPOSED CHANGES - MATHEMATICS
LOWER DIVISION COURSE REQUIREMENTS

Date.... NOVEMBER 11, 1975

MOTION: "That Senate approve the lower division course requirements
for Mathematics majors and minors, as set forth in paper
S.75-182."

To........SENATE

From..SENATE COMMITTEE ON UNDERGRADUATE STUDIES

Subject..Mathematics Lower Division Course Requirements

Date..11th November, 1975

Action taken by the Senate Committee on Undergraduate Studies at its meeting of November 4th, 1975 gives rise to the following motion:

MOTION

That Senate approve the lower division course requirements for Math. majors and minors, as set forth in paper S.75-   .

Daniel R. Birch

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SIMON FRASER UNIVERSITY

MEMORANDUM

To...... H. Evans

...... Secretary of SCUS

From...... S. Aronoff

...... Dean of Science

Subject...... MATHEMATICS LOWER DIVISION COURSE REQUIREMENTS

Date...... October 24, 1975

The attached proposal was discussed and approved by the Faculty of
Science at its meeting of October 16, 1975. It is forwarded herewith
for consideration by SCUS. The purpose of the revision is to include
CMPT 105 as an option for both Major and Honours students in the B.Sc.
and B.A. programs in Mathematics.

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Encl.

SIMON FRASER UNIVERSITY

MEMORANDUM

To D. Ryeburn, Chairman,
Undergraduate Curriculum Committee
Faculty of Science

L. A. Boland, Chairman
Subject Undergraduate Curriculum Committee
Faculty of Arts

From A.H. Lachlan, Chairman

Mathematics Department

Date July 8, 1975

SUBJECT: LOWER DIVISION COURSE REQUIREMENTS
FOR MATHEMATICS MAJORS AND HONORS STUDENTS

The Mathematics Department wishes to change lower division course requirements for majors and honors students for both the B.Sc. and the B.A. programs in the following way. The first part of item (i) at the bottom of page 331 of the 1975-1976 calendar, which now reads

(i) to obtain credit by the end of the fourth level for the following lower division Mathematics courses:

MATH 151-3, 152-3, 232-3, 253-4 and at least three of the courses listed in the following groups:

MATH 141-2, 142-2, 161-3, 180-3, 241-2
No more than one of CMPT 102-2 or 103-3 (or MATH 106-3)
No more than one of MATH 194-3 or 196-3 (or MATH 195-3)

is to be changed to read

(i) to obtain credit by the end of the fourth level for the following lower division Mathematics courses:

MATH 151-3, 152-3, 232-3, 253-4 and at least three of MATH 141-2, 142-2, 161-3, 180-3, 194-3, 195-3, 196-3, 241-2, CMPT 100-3, CMPT 102-2, CMPT 103-3, and CMPT 105-3. Of these three courses, at most one may be a geometry course (MATH 194-3, 195-3, 196-3) and at most one may be a computing science course (CMPT 100-3, 102-2, 103-3, 105-3).

The effect of this change is to permit a student to use CMPT 105-3 (or its predecessor 100-3) to satisfy the requirement. CMPT 105-3, the concepts and procedures course, may be more suitable for students interested in Mathematical Logic and in Automata Theory than CMPT 103-3, the programming course (or its predecessors 102-2 and MATH 106-3).

Please note that there is nothing to prevent a student from taking both CMPT 103-3 and 105-3, or both MATH 194-3 and 196-3, and some students would be well advised to make such choices, keeping in mind the fact that a second geometry or computing science course will not help meet the requirement (but can be used as part of the 120 or 132 credit hours needed for graduation).

Reference to MATH 106-3 has been dropped, since that course is now ancient history.

A.H. Lachlan