

SIMON FRASER UNIVERSITY

MEMORANDUM

5783

Calendar changes

To: Mr. H.M. Evans, Registrar

From: R.R. Haering,
Acting Vice-President, Academic

Subject: SENATE ACTION ON MATHEMATICS
UNDERGRADUATE CALENDAR SUBMISSION

Date: 12 December, 1968.

14733-PC

In accordance with the Motion passed at the last meeting of Senate, I in conjunction with a representative of the Mathematics Department, have examined the Mathematics submission for the 1969-1970 Undergraduate Calendar, in order to determine what portions of the submission represent a routine reorganisation of the existing program, and what portion represents new commitments. My findings are summarized on the attached sheet which I would like to submit to Senate for its consideration at its next meeting.

R. R. Haering

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RRH/md

Curriculum Changes

ANALYSIS OF THE MATHEMATICS SUBMISSION
FOR THE 1969-1970 UNDERGRADUATE CALENDAR

Lower Division Courses

<u>Old Courses</u>	<u>New Courses</u>
113-3	151-3
114-3	152-3
213-3	251-3
214-3	252-2
232-3	232-3
221-2	141-2
	142-2
	241-2

Summary Statement.

The new courses at the lower division level which are proposed represent largely a replacement of the old lower division courses. The net expansion of the program is only three semester hours, and these three semester hours do not represent a change in the Department's orientation, but are the result of increasing the flexibility of the program by separating the pure and applied streams.

Computing Courses

<u>Old Courses</u>	<u>New Courses</u>
105-2	106-3
487-3	205-3
488-3	406-3

Summary Statement.

There is a one-unit expansion in the Computing courses offered by the Mathematics Department.

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Course change ->

Mechanics Courses

Old Courses

New Courses

461-3

467-3

464-4

161-3

465-4

261-3

468-4

Summary Statement.

The new Mechanics courses which are proposed are largely replacements of other courses which are now discontinued. The proposed new program does represent a two-unit expansion in the area of Mechanics, but this expansion again does not represent a change in Departmental orientation and is simply the result of restructuring the program in order that it better meet the requirements of the applied mathematicians.

Probability and Statistics Courses

Old Courses

New Courses

101-3

101-3

102-3

102-3

483-4

271-3

484-4

489-4

485-4

486-4

490-4

Summary Statement.

The new course proposals in the area of Probability and Statistics represent a three-unit expansion of the offering but do not represent any change in Departmental orientation.

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Curricular Changes

Methods and Complex Variables and Tensor Calculus

411-4	411-4
412-4	412-4
413-4	413-4
414-4	414-4
422-4	422-4
424-3	424-3
466-4	466-4

Summary Statement.

The new course offerings are identical with the old ones.

Pure Mathematics Courses and related courses

<u>Old courses</u>	<u>New Courses</u>
491-2	491-2
421-4	421-4
423-4	423-4
431-4	431-4
432-4	432-4
441-4	441-4
442-4	442-4
451-3	451-3
	425-4
	433-4
	443-4
	492-4

Summary Statement.

The new program produced in this area represents a sixteen-unit expansion of course offerings. Although no change in Departmental orientation is involved, these additional courses nevertheless represent a major change and the Department of Mathematics and the Faculty of Science have been asked to present documentation regarding the priority assignments of the proposed changes.
