

SIMON FRASER UNIVERSITY

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Calendar changes

MEMORANDUM

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

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.

Casey's change ->

Mechanics Courses

<u>Old Courses</u>	<u>New Courses</u>
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

<u>Old Courses</u>	<u>New Courses</u>
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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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.
