MEMORANDUM

To .... SENATE

From ... J. WHEATLEY, DEAN

GRADUATE STUDIES

Subject .... NEW COURSE PROPOSAL-MATHEMATICS 800-4, S. 71-95

Date ... AUGUST 17, 1971

MOTION: "That the New Course Proposal for Mathematics 800-4
as set forth in Paper S.71-95 be approved."

To: Members of Senate   From: Office of the Dean
                                                 of Graduate Studies

Subject: New Course Proposal - Math 800-4   Date: August 17, 1971

The attached course proposal for Math 800-4 - Pure

Mathematics, Selected Topics - was approved by the

Executive Committee of the Senate Graduate Studies

Committee at their meeting on August 16, 1971, and

is now being forwarded to Senate for approval.

If approved, the Executive Committee of the Senate

Graduate Studies Committee requests that Senate

suspend its rules with regard to the two semester

time lag requirement for the offering of new courses

in order that Math 800-4 may be first offered in

the 1972 Spring Semester.

J. Wheatley
Dean
Graduate Studies.

SIMON FRASER UNIVERSITY
MEMORANDUM

To.......... **Dr. J. Wheatley,**

.... **Dean of Graduate Studies.**

Subject.......... **New Course Proposal**

From.......... **Dr. B.L. Funt,**

.... **Dean of Science.**

Date.......... **August 5, 1971**

At its meeting of Thursday, July 29, 1971, the Faculty of
Science recommended the adoption of course 800-4 - Pure &
Mathematics, Selected Topics. A description of this is
given in paper F-71-16. I would appreciate your assistance
in seeing that this is brought to Senate for consideration
at the earliest opportunity.
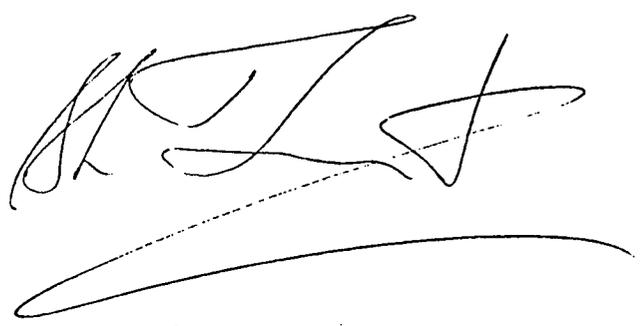
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FACULTY OF SCIENCE

NEW COURSE PROPOSAL

I   CALENDAR INFORMATION

Department: Mathematics

Course Number: 800-4 Title: Pure Mathematics: Selected Topics

Sub-title or Description:

Credit Hours: 4

Vector Description: -------

Pre-requisite(s): --------

II   ENROLMENT AND SCHEDULING

Estimated Enrolment: 5 - 10 per offering

Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and Spring):

Yearly: Fall or Spring

When course will first be offered: Spring 1972

III   JUSTIFICATION

A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

There are no comparable courses, at the graduate level, either within the Department or in other departments of the University.

B. What is the range of topics that may be dealt with in the course?

The topics dealt with in this course may be chosen from any area which is not already a part of the regular graduate course offerings in pure mathematics.

C. How does this course fit the goals of the department?

A selected topics course in pure mathematics would introduce a degree of flexibility to the pure mathematics graduate course offerings which does not presently exist. It would also enable the Department to offer courses in subject areas of interest to faculty and graduate students which are not a part of the regular courses.

D. How does this course affect degree requirements?

This course has no effect on degree requirements.

E. What are the calendar changes necessary to reflect the addition of this course?

New Entry

F. What course, if any, is being dropped from the calendar if this course is approved?

None

G. What is the nature of student demand for this course?

There are often requests for a course such as this, and the demand will vary according to student interest and faculty availability.

H. Other reasons for introducing the course.

The introduction of a selected topics course in pure mathematics will enable the department to teach graduate courses in various subjects without adding unduly to its list of regular courses.

IV BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Any of the pure mathematicians.

B. What are the special and/or equipment requirements for this course?

None

C. Any other budgetary implications of mounting this course:

None

APPROVAL -   Faculty Graduate Curriculum Committee:

Faculty:

Senate: