

SIMON FRASER UNIVERSITY

S. 82-85

MEMORANDUM

To..... SENATE
.....
Subject..... PROPOSED CHANGES - FACULTY OF SCIENCE
..... PHYSICS, MATHEMATICAL PHYSICS HONORS
..... PROGRAM

From..... SENATE COMMITTEE ON UNDERGRADUATE STUDIES
.....
Date..... August 25, 1982.....

Action undertaken by the Senate Committee on Undergraduate Studies at its meeting of June 29, 1982 gives rise to the following motions:-

MOTION 1:

Mathematical Physics Honors Program - "That Senate approve and recommend approval to the Board of Governors, as set forth in S.82-85, that MATH 469-4 - Fluid Dynamics be replaced by MATH 362-3 - Fluid Mechanics I and MATH 462-3 - Fluid Mechanics II, as alternatives in the Mathematical Physics Program."

MOTION 2:

Physics - "Students may not receive and use credit for both PHYS 101 - General Physics I and PHYS 120 - Physics I. Students may not receive and use credit for both PHYS 102 - General Physics II and PHYS 121 - Physics II."

MOTION 3:

Physics - "A change in requirements for Physics Major and Physics Honors Programs from "Non-Science elective minimum 6 hours" to "A minimum of 6 hours electives from the Faculty of Arts".

SIMON FRASER UNIVERSITY

MEMORANDUM

To..... Faculty of Science Undergraduate...
..... Curriculum Committee
Subject... Course Change.....

From..... L. E. Ballentine.....
..... Mathematical Physics Committee
Date..... 14 December 1981.....

The Mathematical Physics Committee wishes the following changes to be made in the Hon. Math. Physics Program:

Delete Math 469-4 (Fluid Mechanics), which has been withdrawn by the Math Department; insert in its place Math 362-3 (Fluid MechanicsI) Math 462-3 (Fluid MechanicsII)

Background

Some time ago we were told informally that the Math Department contemplated this change in its Fluid Mechanics offerings, and we decided, also informally, that if and when the change was made we would respond as above. I was never officially informed of these changes in Math offerings. When the first drafts of calendar changes were requested this year, I found no record of official approval of those course changes, but by the time the final proofs were available the changes by the Math Department were official. I therefore, altered the Math Physics calendar entry accordingly, which resulted in a memo from Nick Heath (attached) to the effect that the change must be "submitted through normal channels".

Leslie E. Ballentine
Leslie E. Ballentine

LEB/jj

Enc.

DEC 14 1981

SIMON FRASER UNIVERSITY

MEMORANDUM

To..... P. Dobud.....
..... Assistant to the Dean of Science.....
Subject..... FURTHER DOCUMENTATION FOR SCUS.....

From..... R. Frindt.....
..... Physics Department.....
Date..... 1982-06-16.....

(i) For F-82-7(a) (SENATE MOTION #2)

Rationale: Phys 101 and Phys 120 are too similar to allow credit hours to be given for both courses. However, we do not want to prevent a student from taking both for a specific reason - for example, to satisfy a transfer requirement. It should be noted that such situations arise infrequently.

G.P.A. Calculation: When students take Phys 101 and Phys 120, only the better grade of the two courses should be used in calculating the grade point average (unless requested to do otherwise by the student).

Exactly the same discussion applies to Phys 102 and Phys 121.

(ii) For F-82-7(b) (SENATE MOTION #3)

Rationale: Most of our Physics students have been taking Computing Science courses as Non-Science Electives. We feel that the new elective requirement will help to broaden the outlook of our students.

R. Frindt

R.F. Frindt

RFF/dy

cc: J.C. Irwin
N. Fisher

