

SIMON FRASER UNIVERSITY

MEMORANDUM

S.76-166

To SENATE
Subject Course changes - Department of Physics

From SENATE COMMITTEE ON UNDERGRADUATE STUDIES
Date 18th November, 1976

Action taken by the Senate Committee on Undergraduate Studies at its meeting of November 9, 1976 gives rise to the following motion:

MOTION

That Senate approve, and recommend approval by the Board of Governors, proposed Physics changes as set forth in S.76-166 including i) prerequisite change to PHYS 441-4, ii) Honors Physics requirements in Mathematics.

[Handwritten signature]

Daniel R. Birch

:ams

SIMON FRASER UNIVERSITY

SCUS 76-42 F

MEMORANDUM

F-76-16

To Dr. David Ryeburn, Chairman
Faculty of Science UGCC

From Dr. A.E. Curzon, Chairman
Department of Physics

Subject Calendar Change

Date August 31, 1976

Prerequisite Change

The Physics Department recommends that the prerequisite courses for Physics 411-4 (Classical Mechanics) be changed to read:

Phys 382-4; or $\sqrt{\text{Math 232-3, Math 310-3, Math 312-4}}$,
Phys 203-2, and Phys 205-2.

P-221 was discontinued some time ago, hence an editorial change should be made so the prerequisites for Phys 381-4 read:

Phys 202-2, 203-2, and 205-2.

A.E. Curzon

A.E. Curzon

AEC/dg

Encl.

cc: Dr. J.C. Irwin

Changes as above approved by F.U.G.C.C. 23 September 1976.

NH

N. Heath, Administrative Assistant

SIMON FRASER UNIVERSITY

MEMORANDUM

To J.C. Irwin

From K.S. Viswanathan

Subject Prerequisite for Phys. 411

Date March 21, 1976

After consultations with Billy Jones and Richard Enns, it became apparent to me that the effectiveness of Phys. 411 (Classical Mechanics) can be greatly enhanced if Phys. 382 or an equivalent course is made a prerequisite or at least to be taken concurrently. If we want to do justice to Phys. 411 as a 4th year course I think that this would be a good move. At present, students can take this course right after Phys. 203-2. It is not, in my opinion, conducive to good teaching, if one has a great disparity among students in terms of their initial state. I therefore request that the undergraduate curriculum committee accept my proposal.

K.S. Viswanathan

KSV/dg

SIMON FRASER UNIVERSITY

MEMORANDUM

F-76-19

To: Dr David Ryeburn
Chairman FSUGC

From: A.E. Curzon
Chairman, Physics.

Subject: Calendar Change

HONORS PHYSICS Requirements - Math.

Date: October 12, 1976.

The Physics Department recommends that the mathematics requirements for the B.Sc. (Honours) degree in Physics be altered as follows (p.387 calendar):

Under levels 5,6,7 and 8 delete the present mathematics requirement and replace with:

Math 312 - 4, 422 - 4 and two other mathematics courses numbered 316 or greater. Mathematically oriented students should note that math 320 is either prerequisite or highly recommended for a number of upper level mathematics courses.

This change has been contemplated previously and has been hastened by the proposed introduction of Math 242 as a prerequisite for Math 320. The new requirements introduce a little more much needed flexibility into the Physics honours programme.

A.E. Curzon

AEC/aec

cc J.C. Irwin