

SIMON FRASER UNIVERSITY

S.78-156

MEMORANDUM

To..... Senate	From..... N.R. Reilly, Chairman
	Senate Committee on
	Undergraduate Studies
Subject..... Changes in Chemical Physics Program Necessitated by Changes in the Physics Program.	Date..... 15 November 1978

Action taken by the Senate Committee on Undergraduate Studies at its meeting on November 14 gives rise to the following motion:

MOTION

That Senate approve and recommend approval to the Board of Governors the proposed changes in the Chemical Physics program as outlined below and detailed in S78-156 .

- (a) Changes in Major Program
 - (1) Lower Division Physics changes
 - (2) Proposed Upper Division Physics required courses
 - (3) Notes
- (b) Changes in Honors Program
 - (1) Lower Division Physics Changes
 - (2) Proposed Upper Division Physics required courses
 - (3) Notes
- (c) Use of Nuclear Science courses 442-3 and 485-3 as electives in either Upper Division Chemistry or Upper Division Physics toward a Major or toward Honors

Norman R. Reilly

N.R. Reilly

/kb

SIMON FRASER UNIVERSITY

SCUS 78-74E

MEMORANDUM

To..... L. Kemp, Chairman..... Faculty of Science..... Undergraduate Curriculum Committee.....	From... E. Voigt, Chairman..... ..Chemical Physics Committee.....
Subject... Chemical Physics Curriculum <i>Changes</i>	Date... 1978.10.17.....

CHANGES IN MAJOR PROGRAM

Lower Division Physics

PHYS 131-2 is added
 PHYS 234-2 is deleted

Reflecting change in lower division Physics Laboratory curriculum. PHYS 131-2 is a prerequisite for the 2nd year labs.

Proposed required courses - *Upper Division Physics* Existing required courses

PHYS 331-3
 326-3
 344-3 (or CHEM 261-3)
 345-3 (c) (or CHEM 362-3)
 325-3
 465-3 (d)
 332-3 (b) } at least one
 355-3 } of
 431-4

PHYS 334-4
 341-4 (or CHEM 261-3 and
 381-4 CHEM 362-3)
 461-4
 332-3 (b) } at least one
 351-4 } of
 431-4 (c)

NOTES

- (b) PHYS 332-3 - the requirement that PHYS 355-3 must precede, or be taken, concurrently with PHYS 332-3 can be waived with the permission of the department.
- (c) PHYS 345-3 - the requirement for PHYS 344-3 as prerequisite can be waived with permission of the department if CHEM 261-3 has already been taken. The recommended prerequisite PHYS 385-3 can be substituted with CHEM 361-3.
- (d) PHYS 415-3 - and PHYS 465-3 - the requirement for PHYS 385-3 as prerequisite can be waived with permission of the department if CHEM 361-3 has already been taken.

NOTES

- (b) PHYS 332-3 - the requirement that PHYS 351-4 must precede, or be taken concurrently with PHYS 332-3 can be waived with the permission of the department.
- (c) PHYS 431-4 - the prerequisite PHYS 332-3 can be waived.

CHANGES IN HONORS PROGRAM

Lower Division Physics

As for Majors.

Upper Division Physics

Proposed required courses

PHYS 331-3
326-3
332-3 (b) (or 355-3)
344-3 (or CHEM 261-3)
345-3 (c) (or CHEM 362-3)
384-3
415-3 (d)
325-3 (or 431-4)
465-3 (d)

Existing required courses

PHYS 334-4
332-3 (b) (or 351-4)
341-4 (or CHEM 261-3 and
CHEM 362-3)
381-4
382-4 (or MATH 420-4)
412-4
421-4 (c) (or 431-4)
461-4

Plus 3 semester hours of upper division Physics or Nuclear Science electives other than 385-3.

NOTES - see Majors Program

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Nuclear Science Courses

The courses NUSC 442-3 and NUSC 485-3 will be admissible as electives in either upper division Chemistry or upper division Physics toward a Major or Honors in *Chemical Physics*.

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E. Voigt

EV/km