

SIMON FRASER UNIVERSITY

MEMORANDUM

S.76-187

To SENATE

From SENATE COMMITTEE ON UNDERGRADUATE STUDIES

Subject Chemical Physics Program Changes

Date 15th December, 1976

Action taken by the Senate Committee on Undergraduate Studies at its meeting of December 14, 1976 gives rise to the following motion:

MOTION

That Senate approve, and recommend approval by the Board of Governors, the Chemical Physics program changes as a result of Physics changes, as set forth in S.76-187



Daniel R. Birch

:ams

(These amendments reflect the new Physics undergraduate curriculum.)

HONORS CHEMICAL PHYSICS PROGRAM

Lower Division Courses in Science:

CHEM 104-3, 105-3, 115-2, 117-2, 232-3, 251-3, 252-3, 256-2. Chem
261-3 will also be needed for certain options.
MATH 151-3, 152-3, 232-3, 253-4.
PHYS 120-3, 121-3, 211-3, 221-3, 233-2, 234-2.

Upper Division Courses in Science:

CHEM 332-3, 336-2 (or 341-3), 361-3, 367-2a, 462-3, 464-2, plus 5
semester hours of electives from upper division Chemistry courses.
MATH 310-3, 312-4 (or 431-4).
PHYS 334-4, 332-3b (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 (or 431-4c), 461-4.

- a) CHEM 367-2 -- the prerequisite CHEM 366-2 can be waived provided
PHYS 233-2, PHYS 234-2, and PHYS 331-3 have already been taken.
- 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.

Total hours specified in Science: 108 min.
112 max.

Non-science electives:
Free Electives

6
14-18

TOTAL HOURS 132

MAJOR CHEMICAL PHYSICS PROGRAM

Lower Division Courses in Science:

CHEM 104-3, 105-3, 115-2, 117-2, 232-3, 251-3, 252-3 (or 256-2).
MATH 151-3, 152-3, 232-3, 253-4.
PHYS 120-3, 121-3, 211-3, 221-3, 233-2, 234-2.

Upper Division Courses in Science:

CHEM 332-3, 336-2, 341-3, 361-3, 367-2a, 462-3, and at least one of
362-3, 416-3, 464-2.
MATH 310-3.
PHYS 334-4, 341-4 (or CHEM 261-3 and CHEM 362-3), 381-4, 461-4, and
at least one of 332-3b, 351-4, 431-4c.

- a), b), c) -- see Honors Program

Total hours specified in Science: 87 min.
92 max.

Non-science electives
Free electives

6
22-27

TOTAL HOURS 120