

SIMON FRASER UNIVERSITY

S.283

MEMORANDUM

To..... Mr. H.E. Evans
Secretary of Senate
Subject..... Graduate Courses in Physical Chem.

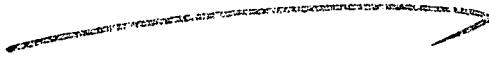
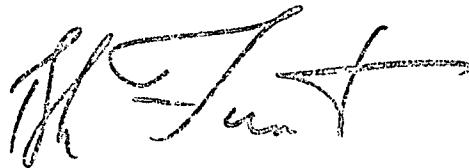
From..... B.L. Funt
Dean of Science
Date..... Sept. 24/69

EGS 44

Courses Chemistry 865-2 and 867-2 were approved by the Faculty of Science at its meeting of September 22nd. It is recommended that these courses be forwarded to Senate for approval.

/ma

encl.



APPROVED BY THE EXECUTIVE COMMITTEE OF THE SENATE COMMITTEE
ON GRADUATE STUDIES OCTOBER 7, 1969.

H.M. Evans
Secretary of Senate

FACULTY OF SCIENCE4. ii) Report of the Graduate Studies Committeeb) Graduate Courses in Physical Chemistry

The proposed courses have been approved by the Graduate Studies Committee subject to a more explicit statement of justification. The statement has now been received and is attached.

Recommendation: That these courses be approved for submission to Senate.

B. L. Funt

Adopted by the Faculty of Science at its meeting of September 22, 1969

SIMON FRASER UNIVERSITY

MEMORANDUM

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|--------------|------------------------------|-----------|------------------------------|
| To..... | Dr. J.S. Barlow..... | From..... | T.N. Bell, Acting Head..... |
| | Acting Dean of Science..... | | Department of Chemistry..... |
| Subject..... | New Graduate Courses 866-2 & | Date..... | 12th August, 1969..... |
| | 867-2 - Full Documentation | | |

1 & 2. General Description and Calendar Information

Chem 866-2: Surface Chemistry

Thermodynamics and statistical mechanics of surface phenomena. Colloids and emulsions. Kinetics of chemisorption and heterogeneous catalysis. Reactivity and structure of solid surfaces and of chemisorbed species.

Chem 867-2: Polymer Chemistry

Physical properties of polymers. Characterization of macromolecules. Relationship between structure and properties. Kinetics of polymerization.

3. Enrollment and Scheduling

Estimated Enrollment: 10 students in each course.

Semester Offered: Approx. every 5th or 6th semester.*

First Offering: 866 (Spring 1970); 867 (Spring 1971).

4. Justification

Student Demand The courses will increase the choice of graduate courses in Physical Chemistry, and provide areas of study in two important and fast growing fields, in which students are at present working. Professor I.D. Gay (Surface Chemistry) and Professor B.L. Funt (Polymer Chemistry) have active research programs in these areas. The competence to teach these courses is thus available.

Relation to Department Program Provides for 2 unit courses in physical chemistry and follows the trend of stating in the Calendar those specialty courses for which there is demand and faculty competence.

Relation to University and Faculty Programs These courses will improve the course offerings in the University.

Courses Replaced Nil

Department Course Overlap Nil

Faculty Course Overlap Nil

* If these courses are passed by the Senate in time for a Fall offering, 867 will be given in the Fall 1969.

Dr. J.S. Barlow

12th August, 1969.

5. Budgetary and Space Factors

Faculty No new faculty required.

Space Requirement None

Special Budgetary Requirements None

T.N. Bell

TNB:mlh

T.N. Bell

