

S 2419

SIMON FRASER UNIVERSITY

MEMORANDUM

*Enclosed, please find*

To H.M. Evans, Secretary of Senate

From (Miss) Marian McGinn

Assistant Registrar-Graduate Studies

Subject Graduate Chemistry Courses

Date May 20, 1969

At the May 5th meeting of the Executive Committee of the Senate Committee on Graduate Studies, it was agreed that the attached list of Chemistry courses be presented to Senate for approval.

nm/  
Encl.

*M. McGinn*

## MEMORANDUM

To: Mr. H. M. Evans  
Secretary of Senate

From: L. M. Srivastava  
Associate Dean of Science

Subject: Graduate Courses - Chemistry  
Date: April 16, 1969

*Chemistry.*

The Faculty of Science recommends courses 833, 834, 835, 836, 837, and 838 for adoption by Senate. These courses require no additional faculty or space, and have no budgetary consequences. The old courses, 831 and 832, are being deleted because the Chemistry Department and the Faculty feel that the content and calendar descriptions of these courses do not adequately reflect the competence of Chemistry Department faculty in these areas. The proposed courses more adequately describe the specialties of the various faculty members in the Chemistry Department.

The calendar descriptions for the new courses would be as follows:

## 833-3 Recent Advances in Main Group Chemistry

A survey of the important developments in main group chemistry in recent years. Developments will be examined in the context of the basic chemistry of the elements involved; not every element or group will necessarily be discussed.

## 834-3 Recent Advances in Transition Metal Chemistry

Developments in the chemistry of simple and complex transition metal compounds emphasizing current theories of electronic structure, stereochemistry and bonding.

## 835-3 Recent Advances in Organometallic Chemistry

A review of recent progress in this area, including metal alkyls, metal carbonyls and their derivatives, complexes with delocalised ring systems and related compounds.

## 836-2 Theoretical Inorganic Chemistry

The calculation of electronic structures and other properties of inorganic compounds.

## 837-2 Synthetic Inorganic Chemistry

Techniques for the synthesis and isolation of inorganic and organometallic compounds, including non-aqueous solvents, vacuum and inert atmosphere manipulations and separation and purification methods.

## 838-2 Problems in Structure and Stereochemistry

A critical analysis of the reliability and significance of structural information obtained from X-ray, spectroscopic and other techniques as applied to inorganic and organometallic systems.

LMS/cj

*Lalit M. Srivastava*