

S.92-72

SIMON FRASER UNIVERSITY

MEMORANDUM

To: Senate
From: J. Munro, Chair
Senate Committee on
Academic Planning
Subject: Faculty of Applied Sciences -
Graduate Curriculum Revisions
Date: November 20, 1992

Action undertaken by the Senate Committee on Academic Planning and the Senate Graduate Studies Committee, gives rise to the following motion:

Motion: "that Senate approve and recommend approval to the Board of Governors, as forth in S.92- 72 the curriculum revision for the Faculty of Applied Sciences as follows:

S.92- 72a School of Kinesiology"



Referred back to Scap
by Senate Dec 7/92

S.92-72a

**School of Kinesiology
Summary of
Graduate Curriculum Revisions**

SGSC Reference: Mtg. of October 26, 1992
SCAP Reference: SCAP 92-44a

New course:
KIN 851 - 3 Recent Advances in Experimental Carcinogenesis

SIMON FRASER UNIVERSITY

New Graduate Course Proposal Form

CALENDAR INFORMATION:

Department: School of Kinesiology Course Number: KINE 851-3

Title: RECENT ADVANCES IN EXPERIMENTAL CARCINOGENESIS

Description: This class will integrate current knowledge on the process of carcinogenesis in tissues in which cancer commonly occurs in North America. Discussions will focus on new techniques being developed to identify individuals at risk for cancer and new approaches being used to intervene to prevent development of the disease.

Credit Hours: 3 Vector: 3-0-0 Prerequisite(s) if any: KIN 431

ENROLLMENT AND SCHEDULING:

Estimated Enrollment: 5-10 When will the course first be offered:* 1992-3

How often will the course be offered: It will initially be scheduled for once every 2 years

*This course has already been taught as K806 (Special Topics) on two previous occasions.

JUSTIFICATION: The primary goal of this class is to encourage the student to integrate a basic knowledge of anatomy/histology (as provided by undergraduate classes such as K305, 306, 325, or 326) with current research aimed at obtaining a mechanistic understanding of the process of carcinogenesis. This integration is crucial for students working in the area of carcinogenesis. It would also benefit students involved in research in the area of toxicology, as it relates to human exposure to xenobiotics. Graduate students are currently being trained in both of these areas.

RESOURCES:

Which Faculty member will normally teach the course: Dr. M.P. Rosin

What are the budgetary implications for mounting the course: None

Are there sufficient Library resources (append details): Some of the toxicology journals and basic anatomy/physiology textbooks are available at SFU. The remainder can be accessed through inter-library loan from UBC or from the British Columbia Cancer Agency.

Appended: a) Outline of the Course
b) An indication of the competence of the Faculty member to give the course
c) Library resources

Approved: Departmental Graduate Studies Committee: [Signature] Date: 25 Aug 92

Faculty Graduate Studies Committee: [Signature] Date: 25 Aug 92

Faculty: [Signature] Date: Aug 26/92

Senate Graduate Studies Committee: [Signature] Date: 2 Nov 92

Senate: _____ Date: _____

RECEIVED

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DEAN OF GRADUATE
STUDIES

MEMO

TO: Bruce Clayman, Dean of Graduate Studies

FROM: Ralph Stanton (Library Collections Management Office)

RE: New Course Proposal KINE 851-3 (New Graduate Course Proposal Form dated August 26, 1992)

DATE: 10 /11/92

I have examined the Library's holdings for KINE 851-2 (Recent Advances in Experimental Carcinogenesis). This 3 unit course will be offered annually or biannually to between 6 - 10 students; it has been taught as K806 (Special Topics) on two occasions and is a companion to an undergraduate course KINE 431.

Students in KINE 851 will use the B.C. Cancer Agency Library and the UBC Biomedical Branch Library at Vancouver General Hospital. The suggestions for expenditures contained in this assessment are not designed to replicate those library resources; they are designed to provide a selection of basic resources for students at the SFU Library.

The average price of titles in this classification is \$77.50. All prices cited are average prices derived from statistics kept by major book suppliers.

A text has been chosen (Tannock and Hill, Basic Science of Oncology) but the latest edition is not in the Library, the cost is \$77.50. No bibliography or reading list for students is appended to the form.

The Library's holdings in the subjects Pathology, Toxicology, Carcinogenesis and Metabolism are inferior to those of our peer group. SFU Library lacks over 250 monograph items published since 1985 in these and related subjects. It is desirable to add some of the most important works from this group, say 30, for a one time cost of \$2325.00.

It is necessary to provide a selection from current monograph publishing in these subjects; 25 titles a year would cost \$1937.50.

There are many periodicals in this area; a core group would consist of Cancer Research US\$ 410.00, [REDACTED] Cancer Prevention US \$95.00, and Environmental and Molecular Mutogenesis US \$324.00. At current exchange rates and

including taxes and binding costs the total cost would be CAN\$ 1,102.19.

The publications of the International Agency for Research on Cancer (IARC) come in two groups; the first is **Monographs on the Evaluation of Cancer Risks to Humans** and the second is **Scientific Reports**. Our source at IARC tells us that the 65 volumes of Monographs plus associated supplements and six related databases will be available in the early Fall of 1993 on CD-ROM. The cost will be about \$1148; this is a recurring cost (i.e. added to base) but we are not certain how often updates will be produced. We will have to decide on whether or not to add this resource when the final CD-ROM product is available and the final cost is set.

The existing Library monograph resources are not adequate to support this course. The existing serials collection is not adequate to support this course. Library indexes are adequate to support this course especially in light of our recent acquisition of Medline on CD-ROM.

The total of all one time costs is \$2,402.50. Additions to the Library base, monographs and journals is \$3039.69 per year (includes 3 journals) but not the IARC CD-ROM.

Regards,

RS.
RS

c.c. Sharon Thomas, Head Collections Management