

S.92-76

SIMON FRASER UNIVERSITY

MEMORANDUM

To: Senate
From: J. Munro, Chair
Senate Committee on
Academic Planning
Subject: Faculty of Science -
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 set forth in S.92 -76 the curriculum revisions for the Faculty of Science as follows:

- i) S.92-76a Master of Aquaculture Program
- ii) S.92-76b Department of Chemistry
- iii) S.92-76c Department of Mathematics and Statistics"

J. M. Munro

S.92-76a

**Master of Aquaculture Program
Summary of
Graduate Curriculum Revisions**

SGSC Reference: Mtg. of October 26, 1992
SCAP Reference: SCAP 92-48a

Addition of BUS 507, 512, 528, 536 and 572 to list of electives for the M.Aq. Program.

SIMON FRASER UNIVERSITY

MEMORANDUM

To...Dr...M...Winston.....
...Chair,..Graduate.Program.Committee.
Subject.....

From...L..Albright,..M.Aq.....
...Dept...of.Biological.Sciences....
Date...May.15,1992.....

Re: Change to calendar entry

Enclosed are the minutes of a meeting the M.Aq. students had with myself and a Sessional Instructor, Dr. V. Lipovsky on 3 April, 1992.

As a result of this meeting, we have indicated several changes to the M.Aq. program. These are listed in the enclosed 8 April, 1992 memorandum to M.Aq. faculty and students.

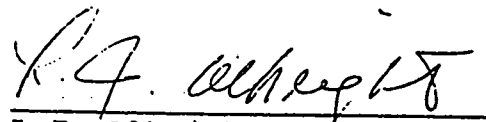
I am writing to address points 4 of this memorandum which deal with Business courses (see copy of memorandum).

I now have the permission of Dr. S.J. Shapiro, Dean, Faculty of Business Administration, for our students to register in the following courses:

- BUS 507-4 Managerial Economics
- BUS 512-4 Introduction to Business Finance
- BUS 528-5 Accounting
- BUS 536-4 Quantitative Methods in Management
- BUS 572-4 Organizations and Human Resource Management

The course descriptions of these courses are enclosed.

I am requesting that the calendar entry be altered to include the above listed courses as electives to the M.Aq. program.



L.J. Albright
Professor and Director

LJA/jt
enc.

Simon Fraser University
FACULTY OF BUSINESS ADMINISTRATION **MEMORANDUM**

April 27, 1992

TO: Dr. L.J. Albright - M.Aquaculture Program
Biological Sciences

FROM: Stanley J. Shapiro, Dean

SUBJECT: Greater Aquaculture Enrolment in
Business Administration Courses

I recently learned from the minutes of the Aquaculture Review Committee curriculum meeting that you propose to make greater use of our Day-MBA level courses in your program. On principle, we have no objections whatsoever to that approach. Indeed, Aquaculture students rate right along with Resource Management graduate students in terms of their excellent past performance in our 500-level Business courses.

To the extent that any difficulties exist, these follow primarily from our capacity limitations at the 500-level of the Day MBA Program. At some future time, we hope to have a second set of 500-level Business Administration courses being offered primarily, if not exclusively, for graduate students from other departments who wish to take these courses. However, we are a few years away from that set of offerings becoming a reality. At the same time, we anticipate increased enrolment from Resource Management since we will be offering a double degree program with that unit. When one adds the Resource Management demands to our own requirements for 500-level spaces for Business students, we may have some sort of space problem at the 500-level.

I very much hope that such difficulties will not arise and, if they do, that they can be resolved in a way that does not seriously inconvenience Aquaculture students interested in Business. On the other hand, it seemed only appropriate that I inform those most directly concerned that we could have problems in this regard before major curriculum changes are undertaken on the assumption of open Aquaculture access to our 500-level courses.

One other curriculum issue also deserves mention at this time. If any significant number of Aquaculture students enroll in the Business program, you might wish to reconsider the appropriateness of all of your students being required to take the current economics requirements. As I understand it, Chris Wright has in large part converted it to something of an introduction to business course. This makes sense under the circumstances. Whether it would continue to make sense to require all Aquaculture students to take this course if a significant proportion of those students were in fact pursuing a Business minor, will require careful consideration on your part.

SJS/mbo

Copy: Dr. C.H.W. Jones, Dean of Science
Dr. E. Gee, Acting Dean of Graduate Studies
Dr. Vining, Director - FBA Graduate Programs
Dr. L. Meredith, FBA
Dr. C. Wright, FBA

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S.92-76b

**Department of Chemistry
Summary of
Graduate Curriculum Revisions**

SGSC Reference:

Mtg. of October 26, 1992

SCAP Reference:

SCAP 92-48b

Change of credit hours from 2 to 3 for CHEM 801 - Student Seminar I, and CHEM 802 - Student Seminar II.

SIMON FRASER UNIVERSITY
Department of Chemistry
M E M O R A N D U M

TO: C.H.W. Jones
Dean of Science

FROM: D. Sutton
Chair, DGSC Chemistry

SUBJECT: INCREASE CREDIT FOR 801-2/802-2

DATE: 3 July 1992

At the Departmental Meeting of April 23, 1992, the Chemistry Department, on recommendation of the Departmental Graduate Studies Committee voted to increase the credit for Chem 801-2: Student Seminar I and Chem 802-2: Student Seminar II from 2 units to 3 units.

The rationale for this change is that the work-load, involving preparation, in-class presentation and scientific discussion of a recent literature article by the student, plus the reading, evaluation, preparation for discussion and participation in in-class discussion of all the presentations of the other students in the class, has turned out to be much greater than anticipated when these courses were introduced in semester 1991-1.

The courses have been mounted on two separate occasions 91-1 and 92-1, and the proposal for the reassignment of course credit follows evaluation of these courses by graduate students, course instructors and the Departmental Graduate Studies Committee.

Would you please place this item on the agenda of the next Faculty of Science meeting for consideration.



D. Sutton

DS/kaz

GSTD\COURSES\GENERAL\801'2.DS

cc: R.G. Korteling
K.L. Stuart

B.1

**Department of Mathematics and Statistics
Summary of
Graduate Curriculum Revisions**

SGSC Reference: Mtg. October 26, 1992
SCAP Reference: SCAP 92-48c

Establishment of a co-operative education component in the Mathematics and Statistics Graduate Program including:

New courses:	MATH 890 - 0	Practicum I
	MATH 891 - 0	Practicum II

Co-operative Education in Mathematics and Statistics at the Graduate Level

It is proposed that the Department of Mathematics and Statistics introduce a co-operative education component into its Graduate Programs. From the experience gained in the administration of the undergraduate co-operative education program it seems that it should be possible to find work assignments for at least some of our graduate students which would broaden their experience and help them in their future careers.

The intention is to proceed in an incremental fashion. It will probably be impossible to arrange work-semester for all graduate students who would like them. Care will have to be exercised so that the introduction of Co-operative Education at the graduate level does not adversely affect the undergraduate co-operative Education program.

The following is a suggested calendar entry:

Co-operative Education

The Department of Mathematics and Statistics is introducing Co-operative Education into its graduate program in order to allow students to gain work experience outside the academic sphere. Students who are currently enrolled in one of the Department's M.Sc. or Ph.D. programs may apply to the Department's Graduate Co-operative Education Committee for admission to this component of the program.

MATH 890-0 Practicum I

First semester of work-experience in the co-operative education program.

MATH 891-0 Practicum II

Second semester of work-experience in the co-operative education program.

Implementation. The intention is to request that the responsibilities of the Co-op Coordinator for undergraduate students in Mathematics and Statistics be modified to include oversight of the co-op component of the graduate program in Mathematics and Statistics. In this way a harmonious relationship between Co-op at the undergraduate and graduate levels can be assured.

The Graduate Co-operative Education Committee will consist of the Co-op Coordinator and at least one but no more than three members of the Department's Graduate Studies Committee to be chosen by the Graduate Studies Committee. The membership will be reviewed each year in the fall semester.

Evaluation of the student's performance in a practicum will be made by the Co-op Coordinator, the employment supervisor and a faculty member nominated by the Graduate Studies Committee. The Co-op Coordinator will assign a grade of Pass or Fail. Withdrawal from the practicum is by permission of the Co-op coordinator.

New Graduate Course Proposal Form

CALENDAR INFORMATION:

Department: Mathematics and Statistics Course Number: Math 890-0
 Title: Practicum I
 Description: First semester of work-experience in the co-operative education program.
 Credit Hours: - Vector: - Prerequisite(s) if any: -

ENROLLMENT AND SCHEDULING:

Estimated Enrollment: N/A When will the course first be offered: Not known.
 How often will the course be offered: As required.

JUSTIFICATION:

Course numbers are required for the Co-operative Education Practicum so that they can be recorded on the student's transcripts.

RESOURCES:

Which Faculty member will normally teach the course: N/A
 What are the budgetary implications of mounting the course: Initially none.
 Are there sufficient Library resources (append details): N/A

- 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: A.W. Lachen Date: 3 SEPT 92
 Faculty Graduate Studies Committee: A.W. Lachen Date: 3 SEPT 92
 Faculty: CHW. Jones Date: 7 Oct 92
 Senate Graduate Studies Committee: B.P.C. Date: 26 Oct/92
 Senate: _____ Date: _____

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New Graduate Course Proposal Form

CALENDAR INFORMATION:

Department: Mathematics and Statistics Course Number: Math 891-0

Title: Practicum II

Description: Second semester of work-experience in the co-operative education program.

Credit hours: - Vector: - Prerequisite(s) if any: -

ENROLLMENT AND SCHEDULING:

Estimated Enrollment: N/A When will the course first be offered: Not known.

How often will the course be offered: As required.

JUSTIFICATION:

Course numbers are required for the Co-operative Education Practicum so that they can be recorded on the student's transcripts.

RESOURCES:

Which Faculty member will normally teach the course: N/A

What are the budgetary implications of mounting the course: Initially none.

Are there sufficient Library resources (amend details): N/A

- 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: Att Lashin Date: 3 SEPT 92

Faculty Graduate Studies Committee: Att. Lashin Date: 5 SEPT 92

Faculty: CHW. Jones Date: 7 Oct 92

Senate Graduate Studies Committee: BPClean Date: 26 Oct 92

Senate: _____ Date: _____

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