

MEMORANDUM

To..... SENATE

From..... SENATE COMMITTEE ON ACADEMIC PLANNING

Subject..... CO-OPERATIVE EDUCATION -
BIOLOGICAL SCIENCES

Date..... FEBRUARY 15, 1982

Action taken at the meeting of the Senate Committee on Academic Planning on February 10, 1982 gives rise to the following motion:

"That Senate approve and recommend approval to the Board of Governors, as set forth in S82- the Co-operative Education Program - Biological Sciences including:-

- practicum courses BISC 341-0 Practicum I, BISC 342-0 Practicum II, BISC 443-0 Practicum III, BISC 444-0 Practicum IV
- the regulations for entry and for continuation in the program, a minimum CGPA of 2.5 and a minimum CGPA of 2.75 in Biological Sciences courses
- approval to place the first students in practicum courses for Summer 82-2."

Subject to the above the program will follow the normal SFU co-operative education model established under paper S78-73. Senate has delegated to SCUS authority to approve practicum courses but timing prevented SCUS action before this transmittal to Senate; SCUS will be informed of these actions. It is essential that action be undertaken quickly to permit practicum placements for 82-2.

MEMORANDUM

To.....Senate Committee on
Academic Planning
.....
Subject.....Co-Op Program/Bio Sciences

From.....Dr. John S. Chase
.....Secretary.....
Date.....8 February 1982

Implementation of the attached co-op program in Biological Sciences is sought effective with the summer semester 1982.

To assess interest in such a program, Dr. Rolf Mathews of the Biological Sciences Department has been actively exploring co-op possibilities with both students and potential employers. Both employment opportunities and qualified students are available to begin such a program this summer. Further, implementation during the summer semester is most appropriate from the Department's perspective.

First year costs of the proposed program will be:

2 - \$1,500 stipends (82-2 and 82-3 for Professor Thelma Finlayson)
1,600 operating expenses
\$4,600

Year two costs of the proposed program will be: \$1,750 operating expenses.

Professor Mathews will be the coordinator of the Biological Sciences Co-Op program. During his sabbatical leave (82-2 and 82-3 semesters), his co-op responsibilities will be assumed by Professor Finlayson who will receive a stipend of \$1,500 for each of two semesters. After 82-3 co-op responsibilities will again be assumed by Professor Mathews. While released teaching time (1 course per semester) will be granted Professor Mathews for assuming co-op responsibilities, the practice of the other three Sciences departments with co-op programs has been to absorb the additional one course load without seeking additional stipend support. Presumably, the same policy will be followed by Biological Sciences.

In year 2 and subsequent years, the anticipated additional cost will be normal operating expenses adjusted for inflation.

JSC:ef

John Chase

This is the proposed Calendar entry for the Biological Sciences Co-op Program.

Co-operative Education Program

Co-operative Education is a system which combines work experiences with academic studies. The student normally spends alternate semesters on campus and in paid, study-related jobs.

Arrangements for the work experiences are made through the Department's Co-op Co-ordinator and the University's Office of Co-op Education. For further details, students should refer to the Co-operative Education section (13.) of this Calendar.

Interested students should contact the Biological Sciences Co-op Co-ordinator for further information.

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

Department: Biological Sciences

1. Calendar Information

Abbreviation Code: BISC Course Number: 341 Credit Hours: 0 Vector: n/a

Title of Course: Practicum I

Calendar Description of Course:

This is the first semester of work experience in the Biological Sciences Co-operative Education Program.

Nature of Course Work experience.

Prerequisites (or special instructions):

Students should apply to the Co-op Coordinator in Biological Sciences at least one semester in advance. Students will normally have completed 30 semester hours of credit, with a minimum GPA of 2.5 Cumulative and 2.75 in BISC courses.
What course (courses), if any, is being dropped from the calendar if this course is approved: None.

2. Scheduling

How frequently will the course be offered? Every semester.

Semester in which the course will first be offered? 1982-2

Which of your present faculty would be available to make the proposed offering possible? Co-op Coordinator

3. Objectives of the Course

To provide career-related work experience for students accepted into the Biological Sciences Co-op Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty)
Staff)
Library)
Audio Visual) None
Space)
Equipment)

5. Approval

Date: Jan 8, 1982

Mhuais
Department Chairman

J. F. [Signature]
February 16, 1982
Dean

Chairman, SCUS

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

1. Calendar Information

Department: BIOLOGICAL SCIENCES

Abbreviation Code: BISC Course Number: 342 Credit Hours: 0 Vector: n/

Title of Course: Practicum II

Calendar Description of Course:

This is the second semester of work experience in the Biological Sciences Co-operative Education Program.

Nature of Course Work experience.

Prerequisites (or special instructions):

Students should apply to the Co-op Coordinator in Biological Sciences at least one semester in advance. BISC 341 and permission of the Coordinator.

A minimum Cumulative GPA of 2.5, and 2.75 in BISC courses.
What course (courses), if any, is being dropped from the calendar if this course is approved: None.

2. Scheduling

How frequently will the course be offered? Every semester.

Semester in which the course will first be offered? 1982-3

Which of your present faculty would be available to make the proposed offering possible? Co-op Coordinator.

3. Objectives of the Course

To provide career-related work experience for students in the Biological Sciences Co-op Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

- Faculty)
- Staff)
- Library) None
- Audio Visual)
- Space)
- Equipment)

5. Approval

Date: Jan 8, 1982

S. Kuai
Department Chairman

J. F. Cohen
February 16, 1982
Dean

Chairman, SCUS

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

1. Calendar Information

Department: BIOLOGICAL SCIENCES

Abbreviation Code: BISC Course Number: 443 Credit Hours: 0 Vector: n/a

Title of Course: Practicum III

Calendar Description of Course:

This is the third semester of work experience in the Biological Sciences Co-operative Education Program.

Nature of Course Work experience.

Prerequisites (or special instructions):

Students should apply to the Co-op Coordinator in Biological Sciences at least one semester in advance. BISC 342 and permission of the Co-ordinator. A minimum Cumulative GPA of 2.5 and 2.75 in BISC courses.
What course (courses), if any, is being dropped from the calendar if this course is approved: None

2. Scheduling

How frequently will the course be offered? Every semester

Semester in which the course will first be offered? 1983-1

Which of your present faculty would be available to make the proposed offering possible? Co-op Coordinator

3. Objectives of the Course

To provide career-related work experience for students in the Biological Sciences Co-op Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty)	
Staff)	
Library)	None
Audio Visual)	
Space)	
Equipment)	

5. Approval

Date: Jan 8, 1982

[Signature]
Department Chairman

[Signature]
February 16, 1982
Dean

Chairman, SCUS

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

NEW COURSE PROPOSAL FORM

1. Calendar Information

Department: BIOLOGICAL SCIENCES

Abbreviation Code: BISC Course Number: 444 Credit Hours: 0 Vector: n/a

Title of Course: Practicum IV

Calendar Description of Course:

This is the fourth semester of work experience in the Biological Sciences Co-operative Education Program.

Nature of Course Work experience.

Prerequisites (or special instructions):

Students should apply to the Co-op Coordinator in Biological Sciences at least one semester in advance. BISC 443 and permission of the Co-ordinator.

A minimum Cumulative GPA of 2.5; and 2.75 in BISC courses.
What course (courses), if any, is being dropped from the calendar if this course is approved: None

2. Scheduling

How frequently will the course be offered? Every semester

Semester in which the course will first be offered? 1983-2

Which of your present faculty would be available to make the proposed offering possible? Co-op Coordinator

3. Objectives of the Course

To provide career-related work experience for students in the Biological Sciences Co-op Education Program.

4. Budgetary and Space Requirements (for information only)

What additional resources will be required in the following areas:

Faculty)
Staff)
Library) None
Audio Visual)
Space)
Equipment)

5. Approval

Date: Jan 8, 1982

J. F. [Signature]
February 16, 1982

[Signature]
Department Chairman

Dean

Chairman, SCUS