

SIMON FRASER UNIVERSITY

S. 7652

MEMORANDUM

To SENATE

From SENATE GRADUATE STUDIES COMMITTEE

Subject NEW COURSE PROPOSAL - BISC 827-3

Date MARCH 16, 1976

MOTION:

"That Senate approve, and recommend approval to the Board of Governors, the new course proposal, BISC ⁸²⁷⁻³~~837-3~~ - Behavioural Ecology."

SIMON FRASER UNIVERSITY

S.76.52.

MEMORANDUM

To.....	M. McGinn, Secretary	From.....	S. Aronoff, Dean <i>S.A. 11</i>
	Senate Grad Studies Committee		Faculty of Science
Subject.....	BISC 827-3: BEHAVIOURAL ECOLOGY	Date.....	February 20, 1976

At its meeting of February 19, 1976 the Faculty of Science passed the following motion, unopposed:

"That the Faculty approve new course proposal BISC 827-3, Behavioural Ecology, and forward to the Senate Graduate Studies Committee for consideration."

The supporting documentation for this proposal is attached.

/pel
Encl.

[Faint stamp]

SIMON FRASER UNIVERSITY

New Graduate Course Proposal Form

CALENDAR INFORMATION:

Department: Biological Science

Course Number: 827-3

Title: Behavioural Ecology

Description: A seminar course on the ecological correlates of animal behaviour and the role of behaviour in determining the outcome of ecological processes.

Credit Hours: 3

Vector: —

Prerequisite(s) if any: BISC 304 and 410 or equivalents.

2. ENROLLMENT AND SCHEDULING:

Estimated Enrollment: 5-10

When will the course first be offered: 1976-3

(was offered as special topics in 75-3)

How often will the course be offered: Every 2 years on average

3. JUSTIFICATION:

(1) Considerable student interest, evidenced by high enrollment (10) when given as special topics course; (2) faculty expertise in this area is great; (3) interaction between ethology and ecology is becoming increasingly evident and productive.

4. RESOURCES:

Which Faculty member will normally teach the course: Dill (Verbeek, Hartwick)

What are the budgetary implications of mounting the course: Nil

Are there sufficient Library resources (append details): Yes

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

Approved: Departmental Graduate Studies Committee: [Signature] Date: 20/2/76

Faculty Graduate Studies Committee: [Signature] Date: 20 Feb/76

Faculty: S. Hart Date: 20/F/76

Senate Graduate Studies Committee: _____ Date: _____

Senate: _____ Date: _____

Course Outline

The specific topics considered in the course will vary from semester to semester, depending upon current student and faculty interest. Topics considered in 1975-3, when the course was given as BISC 859. "Special Topics - Behavioural Ecology", were:

- ecological functions of aggregation
- nesting strategies in birds
- territorial behaviour
- predator searching tactics
- bird navigation
- brood parasitism
- motivation of prey-killing behaviour
- size selective predation
- habitat selection by marine invertebrates
- social organization of early man.

This is to be a seminar course, with the majority of the seminars to be given by the graduate students.