

DRAFT UNTIL APPROVED BY SENATE

MINUTES OF A SPECIAL MEETING OF THE SENATE OF SIMON FRASER UNIVERSITY
HELD MONDAY, DECEMBER 8, 1975, 3172 ADMINISTRATION BUILDING, 7:30 P.M.

OPEN SESSION

Present:	Jewett, P., Chairman	Absent:	Baird, D. A.
	Allen, D. I.		Cunningham, F.
	Aronoff, S.		Davison, A. J.
	Barlow, J. S.		Diamond, J.
	Birch, D. R.		Doherty, P. M.
	Blaney, J. P.		Erickson, D. A.
	Brown, R. C.		Harrison, S.
	Calvert, T. W.		Hindle, L.
	Carlson, R. L.		Kazepides, A.
	Catalano, J. A.		Knight, D. E.
	Curzon, A. E.		McCoy, S. G.
	Debo, R. K.		Morin, S.
	Dorsel, M. M.		Pate, B. D.
	Ellis, J. F.		Rieckhoff, K. E.
	Emery, B. E.		Schiffer, R.
	Fattah, E. A.		Shillow, M.
	Finlayson, T.		Sterling, T. D.
	Holmes, R. A.		Versfelt, J. A.
	Hutchinson, J. F.		Walkley, J.
	Ironside, R. A.		Williams, W. E.
	Jones, C.H.W.	In attendance:	Alspach, B. R.
	Latham, L.		Russell, R. D.
	Mackauer, J.P.M.		
	Martel, A. G.		
	McCoy, C. G.		
	McWhinney, E.		
	Overholt, M. J.		
	Smith, W.A.S.		
	Thomas, S.		
	Wallbaum, D. C.		
	Wheatley, J.		
	Wilson, B. G.		
	Evans, H. M., Secretary		
	Nagel, H. D.		
	Norsworthy, R., Recording Secretary		

It was noted that the Special Meeting of Senate had been convened to consider the balance of the agenda for the December 1, 1975 meeting of Senate.

5. REPORTS OF COMMITTEES

ii) Senate Committee on Undergraduate Studies

1) Paper S.75-173 - Faculty of Education - New Course Proposal - EDUC 406-0

Moved by D. Birch, seconded by J. Ellis,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.75-173, EDUC 406-0."

Question was called, and a vote taken.

MOTION CARRIED

m) Paper S.75-174 - Proposed Changes - Computing Science

Moved by D. Birch, seconded by R. Brown,

"That Senate approve, as set forth in S.75-174, the vector change, prerequisite change, and special note change proposed for CMPT 260-3."

R. Brown drew attention to an editorial change wherein the pre-requisite change for CMPT 260-3 should read, "CMPT 103-3 or CMPT 105-3 (or CMPT 001 for students not taking Computing Science programs), and completion of 45 semester hours of credit."

Question was called, and a vote taken.

MOTION CARRIED

n) i) Paper S.75-175 - New Course Proposal - KIN. 220-3

Moved by D. Birch, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors the new course, KIN. 220-3 - Human Foods and Nutrition, as set forth in S.75-175."

Question was called, and a vote taken.

MOTION CARRIED

16) Paper S.75-176 - Proposed Changes - Department of Kinesiology

Moved by D. Birch, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in Paper S.75-176:

1. That the Mathematics requirements for a Major in Kinesiology, originally (a) be changed to (a) or (b):
 - (a) MATH 151-3 - Calculus I
MATH 152-3 - Calculus II or
 - (b) MATH 154-3 - Calculus for the Biological Sciences
MATH 155-3 - Calculus II for the Biological Sciences

and that this change be made wherever it appears in the submission.

2. That the Computing Science requirements for a Major in Kinesiology be changed as follows:

Delete CMPT 100-3 (now CMPT 105-3) - Introduction to Computing;
Add CMPT 142-1 - Computing Project - Kinesiology.
3. That there be a change in the wording of the course description and the addition of a recommended prerequisite for KIN. 100-3 - Introduction to Human Structure and Function to read as follows:

'This course provides an insight into the structure, function and organization of the various systems of the body and how they interact to form a living organism. Material includes: the nervous system; structure and function of muscle; the cardiovascular system; respiration energy metabolism; endocrinology and reproduction. Recommended: A knowledge of Biology, Chemistry, and Physics to a Grade XI level.'
4. That the vector for KIN. 330-3 be changed from 2-0-4 to 2-1-0, with the corresponding word description changing from Lecture/Tutorial/Laboratory to Lecture/Tutorial.
5. That the prerequisite for KIN. 442-3 - Biomedical Systems be changed:

From: CMPT 100-3, MATH 101-3, MATH 152-3, KIN. 100-3;
To: CMPT 103-3, MATH 152-3, or MATH 155-3, KIN. 100-3.

6. That the prerequisite for KIN. 480-3 - Human Factors in Working Environments be changed:

From: 'A minimum of 90 semester hours credit with not less than 45 hours credit from courses in at least three of the following: Science, Computing Science, Economics and Commerce, Psychology and Kinesiology.'

To: 'KIN. 100-3, PHYS 101-3, MATH 151-3 or 154-3 and not less than 45 hours credit from Science, Computing Science, Psychology, Economics and Commerce and Kinesiology recommended.'

7. That a prerequisite be added for KIN. 496-3 - Directed Study, to read:

Consent of advisor. This is to be obtained before the start of the examination period of the semester prior to the one in which the student plans to register for this course.

8. That the prerequisite for KIN. 498-3 - Undergraduate Research be changed from 'Consent of Chairman' to 'Honors standing or consent of chairperson. Approval of the research project is to be obtained before the start of the examination period of the semester prior to the one in which the student plans to register for this course.'

9. That the requirements for a Minor in Kinesiology be changed to:

'The basic requirements will be (a) KIN. 100-3, (b) 21 hours of additional course work in the Kinesiology Department, of which at least 15 hours must be selected from courses numbered 300 and above. Students using this minor in preparation to teach are urged to select the courses for the minor program in consultation with the Faculty of Education and the Department of Kinesiology.'

Question was called, and a vote taken.

MOTION CARRIED

- o) Paper S.75-177 - Proposed Changes - Canadian Studies Program

Moved by D. Birch, seconded by R. Brown,

"That Senate approve the revision of the Canadian Studies Program, as set forth in S.75-177."

Question was called, and a vote taken.

MOTION CARRIED

p) Paper S.75-178 - Proposed Changes - Latin American Studies

Moved by D. Birch, seconded by R. Brown,

"That Senate approve, as set forth in S.75-178, the recommended addition and deletion of courses identified as containing partial Latin American content."

Question was called, and a vote taken.

MOTION CARRIED

q) Paper S.75-179 - Proposed General Changes - Faculty of Science

Moved by D. Birch, seconded by S. Aronoff,

1. "That Senate approve, as set forth in S.75-179 (a), the deletion of notes A and B following BISC 101-4 and 102-4 in the undergraduate calendar entry."
2. "That Senate approve, as set forth in S.75-179 (b), the proposed modification of requirements in the Biochemistry Core Program to make BISC 101-4 and 102-4 required rather than merely strongly recommended."
3. "That Senate approve, as set forth in S.75-179 (c), the change in prerequisite for BISC 410-3 - Ethology from BISC 305-3 - Animal Physiology to BISC 304-3 - Animal Ecology, or permission of the Department."
4. "That Senate approve and recommend approval to the Board of Governors, as set forth in S.74-179 (d), the following revision to the requirements for majors in Biology:
Delete: 'Three courses from Group II - The Biology ... 347-3.' Replace with: 'Four courses from Group II - The Biology of Organisms. One course from BISC 326 and 337, one course from BISC 303, 306, 316, 317, 326 and 337, and one course from BISC 305 and 347.'"
5. "That Senate approve, as set forth in S.75-179 (e), the revision of notes under CHEM 251-3 and CHEM 256-2 as follows:
After CHEM 251-3 add: 'CHEM 256-2 should ordinarily be taken concurrently.'
After CHEM 256-2, delete 'this course may be taken concurrently with CHEM 251-3 or 252-3.' Add after prerequisite: 'CHEM 115-2. CHEM 251-3 should ordinarily be taken concurrently.'"
6. "That Senate approve and recommend approval to the Board of Governors, as set forth in S.75-179 (f), the addition of PHYS 202-2 to the statement of Chemistry Core Program requirements."

7. "That Senate approve and recommend approval to the Board of Governors, as set forth in S.75-179 (g), deletion of the first footnote under Chemistry Minor - Inorganic/Radiochemistry and both footnotes under Chemistry Minor - Physical and Nuclear Chemistry."
8. "That Senate approve and recommend approval to the Board of Governors, as set forth in S.75-179 (g), the addition of the words 'or MATH 154-3' after MATH 151-3 in the statement of prerequisites for CHEM 104-3 - General Chemistry I, and the addition of 'or MATH 155-3' after MATH 152-3 in the statement of prerequisites for CHEM 105-3 - General Chemistry II."
9. "That Senate approve, as set forth in S.75-179 (h), the addition of a note following MATH 101-3 - Introduction to Statistics to read 'students who have obtained credit for ARC. 376-5, ECON 332-3, or MATH 371-3 cannot subsequently receive credit for MATH 101-3' and the alteration of the prerequisite statement following MATH 302-3 to read as follows:
'Prerequisite: MATH 101-3 or MATH 371-3 or ARC. 376-5 or ECON 332-3.'"
10. "That Senate approve and recommend to the Board of Governors for approval, as set forth in S.75-179 (i), the recommended changes in prerequisites, course titles, and course descriptions in Physics."

D. Birch drew attention to Motion 9, wherein MATH 371 had been inadvertently omitted from the blue motion sheet in the prerequisite for MATH 302-3.

Question was called, and a vote taken.

MOTION CARRIED

r) Paper S.75-180 - New Course Proposals - Biological Sciences

Moved by D. Birch, seconded by S. Aronoff,

1. "That Senate approve and recommend approval to the Board of Governors, as set forth in S.75-180, the following courses:
BISC 337-3 - Comparative Morphology, Distribution and Evolution of Vascular Plants
BISC 437-3 - Plant Development and Morphogenesis
BISC 347-3 - Physiology of Plant Nutrition and Metabolism
BISC 447-3 - Control and Regulation in Plants
(Note: The approval of BISC 337-3 and 347-3 will result in the deletion of BISC 336-3 and BISC 315-3 respectively from the Biological Sciences curriculum.)

2. "That Senate approve that BISC 447-3 may be first offered in the Summer semester 1976-2."

Question was called, and a vote taken.

MOTION CARRIED

- s) Paper S.75-181 - New Course Proposal - BICH 412-3

Moved by D. Birch, seconded by S. Aronoff,

"That Senate approve and recommend approval to the Board of Governors, as stated in S.75-181 - BICH 412-3 - Enzymology."

(Note: If BICH 412-3 is introduced, BICH 411-2 will be discontinued.)

Question was called, and a vote taken.

MOTION CARRIED

- t) i) Paper S.74-182 - Proposed Changes - Mathematics Lower Division Course Requirements

Moved by D. Birch, seconded by S. Aronoff,

"That Senate approve the lower division course requirements for Mathematics majors and minors, as set forth in Paper S.75-182."

Question was called, and a vote taken.

MOTION CARRIED

- ii) Paper S.75-183 - Proposal for Computational Mathematics Option

Moved by D. Birch, seconded by S. Aronoff,

"That Senate approve, and recommend approval to the Board of Governors, the following new courses as set forth in S.75-183:

MATH 243-3 - Discrete Mathematics
MATH 408-3 - Discrete Optimization
MATH 450-8 - Job Practicum in Computational Mathematics."

D. Birch noted that he had received material from the Interdisciplinary Committee representing Mathematics and Computing Science documenting consultation and the extent that the courses proposed will meet the needs of the two groups. Professors B. Alspach and R. Russell were invited to join the assembly as departmental representatives and proponents of the proposal.

D. Wallbaum expressed his concerns with regard to MATH 450-8 and the possibility of students being placed with commercial organizations without provision for payment; also with credit so obtained not being applicable towards requirements for the major. D. Birch explained that discussion by the Senate Committee on Undergraduate Studies had ensured the intention was not to exclude payment but not guarantee it, and that students would not be competing unfairly or be exploited. B. Emery commented that the proposal smacks of union busting.

Moved by B. Emery, seconded by R. Ironside,

"That MATH 450-8 be referred back to the Senate Committee on Undergraduate Studies."

R. Ironside stated that he was under the impression that a study is currently underway on the practica field and it was appropriate to refer to permit time for study and evaluation. S. Aronoff added that there were a number of work practica in existence and the matter should be deferred pending resolution of the study.

It was moved by J. Ellis, seconded by ?

"That the motion to refer be tabled to permit discussion of the substance."

Question was called on the motion to table, and a vote taken.

MOTION TO TABLE CARRIED

The resource people stressed that the proposal was an experiment and the Department assumed on the basis of the enthusiastic responses received from interested concerns that the demand could exceed the supply; that there was every possibility that students involved would be remunerated for their contributions which would involve statistical as well as computing abilities.

A number of Senators commended the proponents of the proposal for their initiative, while several students remained cynical in their views of the business community. It was agreed that the minutes would reflect the consensus of the meeting that a practicum should not preclude payment.

Moved by R. Ironside, seconded by B. Emery,

"That the motion to refer be brought back to the table."

MOTION CARRIED

Question was called on the motion to refer, and a vote taken.

MOTION TO REFER FAILED

Question was called on the main motion, and a vote taken.

MAIN MOTION CARRIED

u) Paper S.75-184 - New Course Proposal - PHYS 131-2

Moved by D. Birch, seconded by S. Aronoff,

1. "That Senate approve and recommend approval to the Board of Governors, as set forth in S.75-184, PHYS 131-2 - General Physics Laboratory."
2. "That Senate approve the offering of PHYS 131-3 - General Physics Laboratory first in the Summer semester 1976-2."

D. Birch stated that offering of the course, if approved, would be contingent upon resources and approval of the course by SCUS and Senate does not imply allocation of resources. A. Curzon, in response to a question raised by R. Ironside, read details of the estimated equipment funding, and stated that experiments would be set up many times over 13 weeks of offering the laboratory. It was estimated that between 15 and 20 would enrol in the course.

Question was called, and a vote taken.

MOTION CARRIED

v) Paper S.75-185 - Courses to be Deleted

Moved by D. Birch, seconded by S. Smith,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.75-185, that the following courses be discontinued and deleted from the Calendar:

GERM 406-5 - Medieval German
RUSS 405-5 - Introduction to Slavic Linguistics
RUSS 409-3 - Readings in Russian Linguistics
PHIL 454-5 - Positivism and Pragmatism."

Question was called, and a vote taken.

MOTION CARRIED

iii) Senate Graduate Studies Committee

a) Paper S.75-186 - Biochemistry Graduate Calendar Entry

Moved by J. Wheatley, seconded by S. Aronoff,

"That Senate approve the entry for Biochemistry as set forth in Paper S.75-186."

J. Wheatley noted that the proposal was permission to advertise specialities of participating faculty in the Biochemistry Program and no change in regulations.

Question was called, and a vote taken.

MOTION CARRIED

b) Paper S.75-187 - Proposed Changes - Graduate Studies Regulations

Moved by J. Wheatley, seconded by J. Ellis,

1. "That Senate approve the following change in the Graduate Studies Regulations:

'3.7 Conditional Admission

A student who wishes to apply in any of the above categories can be given Conditional Admission before he has all the qualifications for admission. In that case, he is conditionally admitted contingent upon his fulfilling certain specified requirements.'"

2. "That Senate approve the following change in the Graduate Studies Regulations:

That the word 'graduate' be inserted between the words 'the' and 'courses' in the second to last line of the second paragraph of 5.1 in the General Regulations."

It was agreed that Motion 1 be altered to clarify the intent, and the motion would then read,

'3.7 Conditional Admission

A student who wishes to apply in any of the above categories can be given Conditional Admission before he has all the qualifications for admission. In that case, he is admitted conditional upon his fulfilling certain specified requirements.'"

Attention was directed to Motion 2, and S. Aronoff thought it would be deleterious if professors require undergraduate courses which are not counted towards graduate credit. J. Wheatley objected to Senate facing questions which should be directed to the appropriate Committee.

Moved by S. Aronoff, seconded by J. Catalano,

"That Paper S.75-187 be referred back to the Senate Graduate Studies Committee."

Question was called on the motion to refer, and a vote taken.

MOTION TO REFER FAILED

Question was called on the main motion, and a vote taken.

MAIN MOTION CARRIED

6. REPORTS OF FACULTIES

There were no reports from Faculties.

7. OTHER BUSINESS

There was no other business.

8. NOTICES OF MOTION

- i) Paper S.75-189 - Two Semester Time Lag Requirements (J.P.M. Mackauer) - For Discussion

Moved by M. Mackauer, seconded by J. Hutchinson,

"That Senate delegate to the Senate Committee on Undergraduate Studies the responsibility for considering and applying existing regulations and practices related to the two semester time lag requirement before new undergraduate courses may normally be offered; Senate to be advised of the action(s) taken with respect to a particular course(s) by the Senate Committee on Undergraduate Studies at the time the course proposal is presented to Senate for consideration."

S. Aronoff supported the motion but suggested on matters of delegation Senate should have the opportunity to retrieve its authority where it feels it is necessary. M. Mackauer responded that Senate was protected from any action of SCUS as matters were transmitted to Senate in advance of their submission to the Board of Governors.

Question was called, and a vote taken.

MOTION CARRIED

- ii) Paper S.75-190 - Amendment to the Rules of Senate (Senate Committee on Agenda and Rules) - Not for Discussion

The Chairman noted that Paper S.75-190 was introduction of a notice of motion for discussion at the January 1976 meeting of Senate.

9. INFORMATION

It was noted that the next meeting of Senate is scheduled for Monday, January 12, 1976 at 7:30 p.m.

The assembly moved immediately into Closed Session at 8:31 p.m.