

DRAFT UNTIL APPROVED BY SENATE

MINUTES OF A MEETING OF THE SENATE OF SIMON FRASER UNIVERSITY HELD
ON MONDAY, NOVEMBER 3, 1986 KLAUS RIECKHOFF HALL, 7:00 P.M.

OPEN SESSION

Present: Saywell, W.G., Chairman

Arnold, T.	Barrow, R.
Bateman, F.	Berggren, J.L.
Boyanowsky, E.O.	Brown, R.C.
Clayman, B.P.	Cleveland, W.L.
Custodinho, S.	D'Auria, J.M.
Dickinson, J.	Dobb, T.C.
Everton, R.	Frindt, R.
Geen, G.	George, D.A.
Goodman, D.	Hamilton, W.M.
Hoegg, J.L.	Ivany, J.W.G.
Kennedy, P.E.	Love, C.E.
Mathewes, R.W.	Nielsen, V.
Osborne, J.A.	Pattison, S.L.
Pinfield, L.T.	Rainey, R.J.S.
Rieckhoff, K.E.	Roberts, M.C.
Salter, B.E.	Salter, L.
Saran, C.S.	Saunders, R.
Singh, M.	Strate, G.
Strutt, S.	Swartz, N.
Tuinman, J.	Verdun-Jones, S.
Vining, A.	Warsh, M.
Weinberg, H.	Winne, P.H.

Heath, W .R., Secretary
Grant, B., Recording Secretary

Absent:	Almassy, E.	Basham, G.
	Hancock, P.	LeBon, C.
	Marx, R.	

The Chairman welcomed the following newly elected Senators to Senate: F. Bateman (Faculty of Arts), and S. Strutt (Faculty of Applied Sciences). Senate was informed that another call for nominations would be issued to try to fill the remaining student position from the Faculty of Science in time for the December meeting of Senate.

1. Approval of the Agenda

At the request of the Chair, agenda item 5-(iii)-(c)-(1)-Motion #1, 'Certificate Program in Computer Literacy' was withdrawn, following which the Agenda was approved.

2. Approval of the Minutes of the Open Session of October 6, 1986

The Minutes were approved as distributed.

3. Business Arising from the Minutes

a) Paper S.86-46 - Changes to the Graduate Student Financial Support Program

The Chairman reported that he had received a request from the Student Society of Simon Fraser University along with a separate cable from the Canadian Federation of Students that Senate reconsider the changes to the Graduate Student Financial Support Program approved at the last meeting.

Speaking on behalf of E. Almassy, R. Rainey advised that an ad hoc committee of graduate students had been established since the last meeting in order to deal specifically with this issue and conveyed their request that a one month moratorium be placed on the implementation of the program so that a full consultative process could take place.

The Chairman informed that the only avenue open to Senate was a motion to reconsider which would have to be made at this point of the agenda by a Senator who supported the original motion.

Moved by S. Pattison, seconded by R. Everton,

"that Senate reconsider Senate paper S.86-46 -
Changes to the Graduate Student Financial
Support Program"

Brief discussion took place with respect to the procedural issues involved with a motion to reconsider and its subsequent consequences.

S. Pattison felt it would be very useful to have further input into this matter and expressed opinion that should reconsideration be accepted he hoped the item

would be tabled to the next meeting in order to allow an opportunity for further input.

Speaking on behalf of the graduate students, R. Rainey informed Senate that they did not wish to comment on the validity and worth of the program itself but rather, expressed their concerns that the consultative process had largely excluded them and they felt they should have a chance to discuss the proposed changes, particularly since these changes had such broad repercussions on their finances.

K. Rieckhoff pointed out that the exact same concerns and issues were addressed at length at the last meeting and since no substantive new evidence had been presented to Senate, he felt reconsideration was inappropriate. Brief discussion followed.

Question was called and a vote taken.

MOTION TO RECONSIDER FAILED

4. Report of the Chairman

The Chairman reported that the Senate Committee on Agenda and Rules had considered the inquiry made at the previous meeting as to why electioneering by candidates was not allowed. It was the committee's view that campaign speeches on the floor of Senate were not desirable but that candidates, if they wished, could present their platform or biography in writing (limited to one page) which would then be circulated to Senate.

5. REPORTS OF COMMITTEES

i) SENATE NOMINATING COMMITTEE

a) Paper S.86-48 - Elections

The following are the results of elections to fill vacancies on the undernoted Senate Committees:

Senate Policy Committee on Scholarships, Awards & Bursaries

One Faculty Senator to replace H. Weinberg, as Chairman, for balance term of office, from date of election to September 30, 1987.

Elected by acclamation: P. E. Kennedy

b) The following names have been submitted by the Student Society for membership on the undernoted Senate committees:

Senate Policy Committee on Scholarships, Awards & Bursaries

One Student elected by Senate through SNC from among students named by the Student Society for term of office from date of election to September 30, 1987.

Elected by acclamation: M. Hollingshead

Senate Undergraduate Awards Adjudication Committee

Two Students elected by Senate through SNC from among students named by the Student Society for term of office from date of election to September 30, 1987.

Elected by acclamation: D. Thomson
 Insufficient nominations
 received: (1 position vacant)

Senate Graduate Awards Adjudication Committee

Two Students elected by Senate through SNC from among students named by the Student Society for term of office from date of election to September 30, 1987.

Elected by acclamation: E. Balka
 A. Cadavid

ii) **Senate Committee on Continuing Studies****Paper S.86-49 - Annual Report**

The Annual Report of the Senate Committee on Continuing Studies was received by Senate for information.

iii) **Senate Committee on Undergraduate Studies**a) **Paper S.86-50 - Deletion of courses not offered**

Moved by R. Saunders, seconded by W. Cleveland,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-50, that the following courses be deleted:

FREN 481 Seminar II
 GEOG 222 Issues in Economic Geography
 GEOG 425 Geography of Communications
 LING 230 Amerindian I
 CHIN 340 Chinese Literature in Translation
 PHIL 414 Topics in Logic II

PHIL 468 Seminar III
POL. 434 Constitutionalism, Canadian and Comparative
PSYC 336 Sensation II
S. A. 220 Social Stratification
S. A. 352 Structural Functionalist Theory
S. A. 394 Circumpolar Regions
S. A. 427 Sociology of Science
S. A. 473 Cultural Evolution
S. A. 488 Boreal Indian Groups
SPAN 140 Hispanic Culture I
SPAN 352 Latin American Literature
SPAN 447 Cervantes
BUS. 426 Accounting Practicum VI
BISC 447 Control and Regulation in Plants
MASC 420 Marine Phycology
MASC 435 Introductory Biological Oceanography
CMNS 365 Communication Media I
CMNS 430 Communications and Cultural Form II
CMNS 465 Communication Media II
CMPT 110 Introduction to Computation in the Humanities"

Question was called, and a vote taken.

MOTION CARRIED

b) Paper S.86-51 - Communication

Moved by R. Saunders, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-51, the proposed curriculum changes including:

- i) Revisions affecting course requirements for a Major and Minor in Communication
- ii) Revisions restricting entry into the Honors Program, Field Placement and Individual Study Semesters
- iii) Addition of four new courses:-
 - CMNS 315-4 Cultural Dimensions in Advertising
 - CMNS 421-4 Issues Seminar
 - CMNS 471-4 Selected Topics in Publishing
 - CMNS 497-2 Honors Seminar
- iv) Deletion of five courses:-
 - CMNS 330-5 Communication and Cultural Form I
 - CMNS 365-5 Communication Media: Theory and Research I

CMNS 465-5 Communication Media:Theory and Research
 II
 CMNS 483-5 Directed Study
 CMNS 487-5 Special Topics in Communication-B"

Senate was reminded by R. Brown that the Department of Communications was moved to the Faculty of Applied Sciences on the understanding that they would revise their curriculum to reflect a new orientation towards communications as a science medium. He noted that the documentation before Senate states that the proposals reflect no significant change in the direction, scope or orientation of the Department. Senate has requested that a review of the Department take place two years after moving into the Faculty of Applied Sciences to assess if the Department was moving towards that orientation and he hoped that the Department would be able to live up to its commitment to Senate and the University.

L. Salter responded that the concerns of Senate will be answered at the time of review and pointed out that two of the three components in the curriculum of the Department deal directly with technology and therefore the Department is rightly placed in Applied Sciences.

Reference was made to CMNS 362 and concerns were expressed about possible overlap with Sociology and Anthropology. L. Salter advised that this issue had been resolved at SCUS to the satisfaction of both Departments and agreement was reached for a process of consultation to take place with a view of eliminating any suggestion of overlap between the two departments.

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that acting under delegated authority at its meeting of October 14, 1986, the Senate Committee on Undergraduate Studies approved (i) revisions to the calendar description for the Department of Communication; (ii) minor revisions to the calendar descriptions, prerequisites, credit hours and course vectors for a number of courses; (iii) revisions to the course content for seven courses (less than 50% of course content changed).

c) Paper S.86-52 - Computing Science

Moved by R. Saunders, seconded by V. Nielsen,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-52, the deletion of

CMPT 392-3 Introduction to Digital Signal Processing
 CMPT 491-4 Analogue and Digital Circuits"

Question was called, and a vote taken.

MOTION CARRIED

d) Engineering Sciencei) Paper S.86-53

Moved by R. Saunders, seconded by D. George,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-53, the proposed curriculum changes including:

New courses: ENSC 330-4 Materials Science
 ENSC 423-4 Modern Control Systems
 ENSC 435-4 Quality Control and
 Reliability in
 Manufacturing

and the deletion of

ENSC 230-3 Engineering Materials
 ENSC 435-3 Design of Machine
 Components
 ENSC 497-0 Internship I

and the schedules of studies for the options

- a) Robotics and Control, and
- b) Manufacturing Systems Engineering"

A suggestion to change the title of ENSC 330 to 'Engineering Materials' was accepted as a friendly amendment. Brief discussion followed with respect to the change of credit hours.

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that acting under delegated authority at its meeting of September 30, 1986 the Senate Committee on Undergraduate Studies approved (i) editorial changes to calendar description and/or title for ENSC 101 through 108, ENSC 280, ENSC 380, ENSC 382, ENSC 436, ENSC 438, ENSC 439, ENSC 480, ENSC 498, ENSC 499; (ii) prerequisite changes to ENSC 280, ENSC 436, ENSC 438, ENSC 439, ENSC 480, ENSC 498; (iii) credit hour change from 3 credits to 4 credits for ENSC 380, ENSC 436, ENSC 438, ENSC 439, ENSC 480; (iv) course number changes for ENSC 380 and ENSC 480.

ii) Paper S.86-54 - Industrial Internship Requirement

Moved by R. Saunders, seconded by D. George,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-54, the proposed Industrial Internship requirement"

Reference was made to the wording in the Calendar description which indicated that students will be placed in a job and concerns were expressed that this implied a commitment on the part of the university which could have legal ramifications should this condition not be met. It was suggested that the wording be checked with the University lawyers. D. George felt the word 'typically' would cover such circumstances and pointed out the program has operated in this way in the past and the only change proposed is the increase to the semesters of work.

Question was called, and a vote taken.

MOTION CARRIED

e) Paper S.86-55 - Kinesiology

Moved by R. Saunders, seconded by D. George,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-55, the proposed new courses:

KIN. 203-3 Computer Applications in Kinesiology

KIN. 426-3 Neuromuscular Anatomy"

The question of overlap between KIN. 203 and courses in Computing Science was raised and concerns were expressed about the general increase of computer related courses in various disciplines. R. Saunders responded that SCUS had considered the question of overlap and indications were that Computing Science had no concerns with overlap. He pointed out that there are insufficient resources for Computing Science to expand their elementary computer courses and therefore offering courses with specific computer applications within disciplines will help to alleviate the problem by allowing students to become computer literate while learning specific skills within their areas of interest. N. Swartz suggested that the issue of whether or not these courses should be allowed to develop piecemeal within various disciplines or whether there should be some kind of planning across the curriculum for the gradual implementation of these kinds of courses, should be addressed. R. Saunders informed that there are currently two University committees on computing; the Policy Committee which has already adopted in principle approval for the development of in-house departmental computerized laboratories, and a Committee on Instructional Computing which he Chairs. He indicated the matter would be taken under advisement.

In response to questions concerning the equipment resources needed to mount KIN. 203, J. Dickinson advised that adequate funds had been allocated to Kinesiology for the development of a computer instruction laboratory.

Moved by J. D'Auria, seconded by L. Pinfield,

"That the motion be divided to allow separate consideration of each course"

Question was called, and a vote taken.

MOTION TO DIVIDE FAILED

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

ORIGINAL MOTION CARRIED

Subject to the approval by Senate and the Board of Governors the Senate Committee on Undergraduate Studies approved waiver of the normal two-semester time lag requirement to permit first offering of KIN. 203-3 in Spring 87-1.

f) Paper S.86-56 - Revisions to the Bachelor of General Studies requirements

Moved by R. Saunders, seconded by W. Cleveland,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-56, the proposed revisions to the Bachelor of General Studies requirements"

Question was called, and a vote taken.

MOTION CARRIED

g) Paper S.86-56A -Certificate in Liberal Arts and Faculty of Arts Breadth Requirements

Motion #1 moved by R. Saunders, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-56A, the proposed Certificate in Liberal Arts"

Question was called, and a vote taken.

MOTION #1 CARRIED

Motion #2 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-56A, the proposed Faculty of Arts Breadth Requirements"

K. Rieckhoff expressed concern that the proposal did not ensure any breadth at all since it was possible for a student to do all the requirements within the social sciences.

R. Brown pointed out that the new requirements require students to take courses from at least five programs or departments outside their major which he felt ensured students a reasonable amount of breadth. He also reminded Senate that the Faculty of Arts had an extremely complex curriculum, and that the current group requirements were not feasible. The proposal simplified the breadth requirements and made them much easier to administer.

Brief discussion followed as to why the Certificate of Liberal Arts was not a mandatory part of the breadth requirements.

Question was called, and a vote taken.

MOTION #2 CARRIED

g) Paper S.86-57 - Geography

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 14, 1986, approved a change of prerequisite for GEOG 426.

h) Gerontology

i) Paper S.86-58 - Changes to the Gerontology Diploma Program

Moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-58, the proposed changes to the Gerontology Diploma Program"

Question was called, and a vote taken.

MOTION CARRIED

ii) Paper S.86-59 - New Courses in Gerontology

Moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-59, the proposed new courses:

GERO 402-3 Drug Issues in Gerontology

GERO 403-3 Counselling with Older Adults"

Question was called, and a vote taken.

MOTION CARRIED

i) Paper S.86-60 - Humanities

Moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-60, the proposed new courses:

HUM. 201-3 Great Texts in the Humanities I
 HUM. 202-3 Great Texts in the Humanities II
 HUM. 380-3 Special Topics in the Humanities"

Question was called, and a vote taken.

MOTION CARRIED

j) Paper S.86-61 - Canadian Studies

Moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-61, the proposed

i) New course CN.S 360-4 Interdisciplinary Readings
 in Canadian Studies
 ii) Deletion of CN.S 350-3 The Francophone Outside
 Quebec
 iii) Distribution requirements
 iv) Change in required courses"

Question was called, and a vote taken.

MOTION CARRIED

k) Paper S.86-62 - Centre for the Arts

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 21, 1986, approved change of prerequisites for FPA. 330-3, 122-4, 134-3, 230-3, 104-3, 141-3, 147-3, 151-3, 152-3, 160-3, 370-3, and 163-3.

l) Paper S.86-63 - Cognitive Science Program

Motion #1 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-63, the proposed new courses:

COGS 200-3 Basic Cognitive Science

COGS 400-3 Advanced Cognitive Science
 COGS 490-5 Honors Project I
 COGS 491-5 Honors Project II"

Question was called, and a vote taken.

MOTION #1 CARRIED

Motion #2 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-63, the proposed change in Cognitive Science program requirements"

Question was called, and a vote taken.

MOTION #2 CARRIED

m) Paper S.86-64 - Economics

Moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-64, the proposed changes to the lower level requirements"

L. Boland, Chairman of the Department of Economics, was called upon to respond to an inquiry as to whether the changes were proposed to remedy a perceived deficiency in the new Faculty of Arts Breadth requirements. He informed Senate that the Department wished to put in place the proposed changes in spite of the new breadth requirements but pointed out that the revisions were consistent with the regulation and did not recommend any arbitrary additions to it.

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 12, 1986, approved change of prerequisites for ECON 301.

n) Languages Literatures and Linguistics

i) Paper S.86-65 - Linguistics

Moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-65, the proposed

- i) Revision of degree requirements
- ii) New courses:
 - LING 240-3 Theory and Analysis in Linguistics
 - LING 250-3 Linguistic Aspects of Language Acquisition
 - LING 260-3 Language, Culture and Society
 - LING 321-3 Phonology
 - LING 322-2 Syntax
 - LING 324-3 Semantics
 - LING 430-3 Native American Languages
 - LING 431-3 Language Structures I
 - LING 432-3 Language Structures II
 - LING 480-3 Topics in Linguistics I
 - LING 481-3 Topics in Linguistics II
- ii) Deletion of:
 - LING 220-3 Introduction to General Linguistics
 - LING 230-3 Amerindian I
 - LING 402-3 General Phonology
 - LING 419-3 The History of Linguistics"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 14, 1986 approved course revisions including LING 100-3 Change of description; LING 130-3 Change of description; LING 221-3 Change of description, prerequisites, title; LING 222-3 Change of description, prerequisites, title; LING 300-3 Change of number; LING 323-3 Change of description and number; LING 360-3 Change of description, number, prerequisites, title; LING 361-3 Change of description, number, prerequisites, title; LING 362-3 Change of number, prerequisites, description; LING 403-3 Change of description, prerequisites, title; LING 405-3 Change of description, prerequisites, title; LING 406 Change of description, prerequisites, title; LING 407-3 Change of description, prerequisites, title; LING 408-3 Change of description, prerequisite; LING 409-3 Change of description, prerequisite; LING 410-3 Change of number; LING 411-3 Change of number; LING 412-3 Change of number; LING 422-3 Change of number; LING 440-3 Change of number, title, description, prerequisites; LING 441-3 Change of description, number, prerequisites, title.

ii) Paper S.86-66 - Spanish

Motion #1 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-67, the proposed revision in degree requirements - Spanish"

T. Kirschner, Chairperson of the Spanish Division, was called upon to respond to an inquiry as why no new resources were required when eighteen hours of new courses are proposed. T. Kirschner drew Senate's attention to the fact that there were more course deletions than additions and advised that the Spanish program had been reduced considerably over the past year.

Question was called, and a vote taken.

MOTION #1 CARRIED

Motion #2 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-66, the proposed new courses:

SPAN 220 Introduction to Spanish Linguistics

SPAN 310 Reading Spanish for the Humanities and the Social Sciences

SPAN 402 Dialectology II: Lexicon

SPAN 425 Teaching Spanish as a Second Language

SPAN 460 Special Topics

SPAN 461 Special Topics II"

(Secretary's Note: The following course deletions which are outlined in Senate paper S.86-66 and listed on the Agenda were inadvertently omitted on the motion sheet. Intent is to have them included in the approval of Senate paper S.86-66).

- Deletion of SPAN 111, 202, 241, 351, 352, 409, 412, 447

Question was called, and a vote taken.

MOTION #2 CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 21, 1986, approved revisions to a number of Spanish courses.

iii) Paper S.86-67 - Latin American Studies

Motion #1 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-67, the proposed changes in the Latin American Studies Program"

Question was called, and a vote taken.

MOTION #1 CARRIED

Motion #2 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval of the Board of Governors, as set forth in S.86-67, the proposed new courses:
LAS. 311-3 Latin American International Relations
LAS. 498-5 Independent Study Project"

Question was called, and a vote taken.

MOTION #2 CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, at its meeting of October 21, 1986 approved revisions to a number of LAS courses.

iv) Paper S.86-68 - French

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 21, 1986 approved change of vector for FREN 100.

o) Paper S.86-69 - Psychology

Moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-69, the proposed changes in Honors Program description"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 21, 1986, approved change of prerequisites for PSYC 385 and PSYC 402.

p) Paper S.86-70 - Sociology/Anthropology

Motion #1 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-70, the proposed revisions to the undergraduate methodology requirements in Sociology and Anthropology"

Question was called, and a vote taken.

MOTION #1 CARRIED

Motion #2 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-70, the proposed new courses:

- S.A. 263-4 Peoples of the Third World
- S.A. 286-4 Native Cultures of British Columbia
- S.A. 301-4 Key Ideas in Anthropology
- S.A. 387-4 Canadian Native Peoples
- S.A. 388-4 Comparative Studies of Minority Indigenous Peoples
- S.A. 402-4 The Use of Anthropology
- S.A. 411-4 Anthropology of Complex Societies

Deletion of:

- S.A. 140-4 Introduction to the Ethnography of British Columbia
- S.A. 170-4 Introductory Anthropology
- S.A. 270-4 Anthropological Concepts
- S.A. 280-4 Peasant Society
- S.A. 291-4 The Anthropology of Modern Life
- S.A. 352-4 Structural Functionalist Theory
- S.A. 370-4 History of Anthropological Thought
- S.A. 391-4 Latin America
- S.A. 394-4 Circumpolar Regions
- S.A. 464-4 Urban Anthropology
- S.A. 473-4 Cultural Evolution
- S.A. 476-4 East Africa
- S.A. 488-4 Boreal Indian Groups
- S.A. 490-4 British Columbia"

Question was called, and a vote taken.

MOTION #2 CARRIED

Motion #3 moved by R. Saunders, seconded by R. Brown,

"That Senate approve and recommend approval to the board of Governors, as set forth in S.86-70, the proposed changes to the Anthropology curriculum"

Question was called, and a vote taken.

MOTION #3 CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 14, 1986, approved (i) course revisions including S.A. 255-4 Change of title, description, number, prerequisites; S.A. 355-4 Change of title, description; S.A. 356-4 Change of prerequisites; S.A. 455-4 Change of prerequisites; S.A. 456-4 Change of prerequisites; (ii) revisions to Anthropology courses including S.A. 101-4 Change of number, description; S.A. 201-4 Change of number, description, prerequisites; S.A. 293-4 Change of description, prerequisites; S.A. 323-4 Change of description, prerequisites; S.A. 332-4 Change of title, description, prerequisites; S.A. 363-4 Change of title, description, prerequisites; S.A. 364-4 Change of number, title, description, prerequisites; S.A. 384-4 Change of title, description, prerequisites; S.A. 369-4 Change of title, description, prerequisites; S.A. 374-4 Change of description, prerequisites; S.A. 386-4 Change of title, description, prerequisites; S.A. 390-4 Change of number, description, prerequisites; S.A. 392-4 Change of number, description, prerequisites; S.A. 396-4 Change of description, prerequisites; S.A. 400-4 Change of number, prerequisites; S.A. 451-4 Change of prerequisites; S.A. 463-4 Change of title, description, prerequisites; S.A. 467-4 Change of title, description, prerequisites; S.A. 468-4 Change of description, prerequisites; S.A. 469-4 Change of title, description, prerequisites; S.A. 472-4 Change of description, prerequisites; S.A. 486-4 Change of title, description, prerequisites; S.A. 492-4 Change of title, description, prerequisites; S.A. 495-4 Change of description, prerequisites; S.A. 496-4 Change of prerequisites.

q) Paper S.86-71 - Education

Motion #1 moved by R. Saunders, seconded by J. Tuinman,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-71 the proposed new course EDUC 350-3 Instructional Programs for Diverse Settings"

Question was called, and a vote taken.

MOTION #1 CARRIED

Motion #2 moved by R. Saunders, seconded by J. Tuinman,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-71, the proposed new courses
 EDUC 485-3, 4 or 6 Special Topics
 EDUC 497-3, 4 or 6 Special Topics
 EDUC 498-3, 4 or 6 Special Topics"

Question was called, and a vote taken.

MOTION #2 CARRIED

Subject to the approval by Senate and the Board of Governors the Senate Committee on Undergraduate Studies approved waiver of the normal two-semester time lag requirement to permit first offering of these courses in Spring 87-1.

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of September 30, 1986, approved change of credits for EDUC 486 Special Topics from 4 to 3, 4 or 6; EDUC 487 Special Topics from 4 to 3, 4 or 6; EDUC 488 Special Topics from 4 to 3, 4 or 6; EDUC 495 Special Topics from 6 to 3, 4 or 6; EDUC 496 Special Topics from 3 to 3, 4 or 6.

r) Paper S.86-72 - Biological Sciences

Moved by R. Saunders, seconded by V. Nielsen,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-72, the proposed new courses-

BISC 416-3 Fish Biology

BISC 423-4 Biotechnology - Industrial Applications

BISC 431-4 Molecular Biotechnology

and deletion of-

BISC 421-3 Biotechnology"

Question was called, and a vote taken.

MOTION CARRIED

Subject to the approval by Senate and the Board of Governors the Senate Committee on Undergraduate Studies approved waiver of the normal two-semester time lag requirement to permit first offering of BISC 416 and BISC 431 in Spring 87-1.

s) Paper S.86-73 - Chemistry

Moved by R. Saunders, seconded by V. Nielsen,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-73, the proposed new courses:

CHEM 102-3 General Chemistry I for Physical Sciences

CHEM 103-3 General Chemistry II for Physical Sciences

CHEM 119-2 General Chemistry Laboratory II for
Physical Sciences"

J. D'Auria provided brief background information advising that the proposed streaming attempts to meet the needs of two specific groups of students, those interested in physical chemistry and those interested in organic chemistry, and also

brings the Chemistry program into line with other departments in the Faculty of Science providing these separate streams for their students.

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 14, 1986, approved course revisions including CHEM 104-3 Change of title, description, prerequisites; CHEM 105-3 Change of title, description, prerequisites; CHEM 118-2 Change of title, prerequisites; CHEM 115-2 Change of title, prerequisites; CHEM 218-3 Change of prerequisites; CHEM 232-3 Change of prerequisites; CHEM 251-3 Change of prerequisites; CHEM 256-2 Change of prerequisites; CHEM 261-3 Change of prerequisites; CHEM 306-0 Change of prerequisites; CHEM 361-3 Change of prerequisites; NUSC 344-3 Change of prerequisites.

t) Paper S.86-74 - Mathematics and Statistics

Moved by R. Saunders, seconded by H. Weinberg,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-74, the proposed recommendation for experience in a Programming Language"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 14, 1986, approved course revisions including MATH 243-3 Change of prerequisites and MATH 433-3 Change of prerequisites.

u) Physics

i) Paper S.86-75 - Curriculum Changes

Motion #1 moved by R. Saunders, seconded by H. Weinberg,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-75, the proposed New courses:

PHYS 130-2 General Physics Laboratory A

PHYS 430-5 Digital Electronics and Interfacing

Deletion of
PHYS 432-4 Advanced Physics Laboratory II"

Question was called, and a vote taken.

MOTION #1 CARRIED

Motion #2 moved by R. Saunders, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-75, the proposed changes in part of the Physics Honors requirement"

Question was called, and a vote taken.

MOTION #2 CARRIED

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority at its meeting of October 14, 1986 approved course revisions including PHYS 131-2 Change of title and prerequisites; PHYS 326-3 Change of corequisites; PHYS 331-3 Change of corequisites.

ii) Paper S.86-76 - Majors Program in Applied Physics

Moved by R. Saunders, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-76, the proposed Majors Program in Applied Physics"

In reply to concerns expressed about the increase in hours needed for graduation, R. Frindt advised that it was possible to complete the program in eight semesters and advised that the proposal was supported by students in Physics. In response to questions concerning the equipment requirements, R. Saunders advised that the costs would be covered by funds allocated to Physics for the development of computerized laboratories.

Question was called, and a vote taken.

MOTION CARRIED

v) Paper S.86-77 - Minor in Quaternary Studies

Moved by R. Saunders, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.86-77, the proposed Minor in Quaternary Studies"

S. Pattison felt that one hour credit allocation for the seminar courses was insufficient in view of the student's investment in terms of time and costs. R. Mathewes pointed out that the costs would be minimal since the field trips would be to local areas of interest and it was quite common to ask students to contribute towards these expenses.

D. Goodman expressed concern that the new courses proposed at the 400-level had no prerequisites and were restricted to students enrolled in the quaternary studies program. R. Mathewes noted that to run the program effectively, size becomes a limiting factor but if space was available he could see no reason why special arrangements could not be made to include interested students. D. Goodman expressed opinion that the new registration priority system would handle such cases and therefore it was not necessary for the restriction to appear in the Calendar. Referring to the question about prerequisites, R. Mathewes indicated that due to its highly interdisciplinary nature, the program would draw students from different backgrounds and each case would have to be considered individually; thus the notation as a prerequisite 'permission of the program advisor'.

Question was called, and a vote taken.

MOTION CARRIED

iv) Senate Committee on Agenda & Rules

Paper S.86-78 - Notice of Motion - Senate, October 6, 1986

Moved by H. Weinberg, seconded by K. Rieckhoff,

"That Senate consider as policy the position that there can be no two successive cancellations of Senate's monthly meetings"

K. Rieckhoff pointed out that the advisory function of Senate had diminished and that it would be very useful to administrators and decision-making bodies to have Senate's opinions on issues of general concern which do not necessarily require Senate's participation.

Referring to the large number of curriculum matters on the agenda, S. Verdun-Jones expressed opinion that individual items could not receive proper consideration and felt that the items should be distributed more evenly into several meetings of Senate. G. Ivany stressed the importance of curriculum changes being made in a timely fashion at an appropriate point in the year relative to resource allocation,

registration and Calendar distribution and he was opposed to changes being made any time all through the year. He informed Senate of his intent to revise the academic planning process relative to SCUS and SCAP and hoped to bring a recommendation to Senate at a future meeting.

W. Cleveland pointed out that meetings over the summer when many people are dispersed, especially students, will lead to problems such as that encountered with respect to the graduate students and the changes to the graduate financial support system. It was noted that Senators were free at any time to place an issue before Senate for discussion and opinion was expressed that decision to determine whether or not a meeting was justified should be left with the Chairman of Senate and SCAR.

The Chairman reminded Senators that because the motion had the effect of changing the Rules of Senate an affirmative vote by two-thirds of the voting members present was required to carry the motion.

Question was called, and a vote taken.

MOTION FAILED

6. Other Business

a) H. Weinberg expressed concerns about the considerable variation which exists from department to department with respect to the way in which credit hours are related to vector designation. If there was no formal policy, he felt the university should establish general regulations or guidelines and requested that SCUS take this issue under consideration and report back to Senate.

b) S. Pattison complained about receiving notice of meetings and meeting material on short notice and, in some cases, after the meeting has taken place. He inquired about the possibility of announcing scheduled committee meetings at the regular sessions of Senate. The Chairman suggested this matter be taken under advisement by SCAR for report back to Senate.

7. Notices of Motion

The following notice of motion was presented by S. Pattison.

"That members of the Board of Governors be invited to join and participate in a special session of Senate at least once annually"

8. Information

The date of the next regular meeting of Senate is scheduled for Monday, December 1, 1986.

The Assembly moved directly into Closed Session at 9:35 p.m.

W.R. Heath
Secretary of the Senate