

DRAFT UNTIL APPROVED BY SENATE

MINUTES OF A MEETING OF THE SENATE OF SIMON FRASER UNIVERSITY HELD
ON MONDAY, MAY 13, 1985, KLAUS RIECKHOFF HALL, 7:00 P.M.

OPEN SESSION

Present: Saywell, W.G., Chairman

Archer, B.	Barrow, R.
Berggren, J.L.	Berggren, T.M.
Blackman, A.R.	Brown, R.C.
Calvert, T.W.	Cavers, J.K.
Chin, K.C.	Chiu, K.T.V.
Cleveland, W.L.	Cochran, J.F.
Crawford, C.B.	Dalby, S.
D'Auria, J.M.	Dickinson, J.
Flynn, G.	George, D.A.
Graham, G.A.C.	Hoegg, J.L.
Hoyt, G.C.	Ivany, J.W.G.
Kameda, T.	Kazepides, A.C.
MacPherson, A.	McGeer, B.T.
Nielsen, V.	Okuda, K.
Pinfield, L.T.	Rieckhoff, K.E.
Ross, J.	Strate, G.
Swartz, N.M.	Tham, H.A.
Tuinman, J.J.	Warsh, M.I.
Webster, J.M.	Weinberg, H.
Wells, E.J.	Wideen, M.F.
Zeller, P.	

Absent: Basham, G.	Dobb, T.C.
Hamilton, W.M.	Holweg, B.A.
Kimball, M.	McAllister, H.
McDonald, D.	McKinlay, J.D.
Noonan, M.	Scott, I.M.

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

1. Approval of the Agenda

The Agenda was approved as distributed.

2. Approval of the Minutes of the Open Session of March 4, 1985

Following an amendment to add the name of K. Rieckhoff to the list of Senators present at the last meeting, the Minutes were approved.

3. Business Arising from the Minutes

There was no business arising from the Minutes.

4. Report of the Chairman

a) Following are the results of recent elections to Senate and to the Board of Governors.

SENATE

Election of two full-time faculty members by and from the Faculty of Applied Sciences. The individual receiving the higher number of votes will be declared elected for the longer term of office; the runner-up will be declared elected for the shorter term of office.

Ballots cast: 41
Ballots Spoiled: 2

Individual totals:	Cercone, N.	24
	Goodman, D.	15

N. Cercone elected for a three year term of office, from Sept. 1, 1985 to May 31, 1988.

D. Goodman elected for a two year term of office, from Sept. 1, 1985 to May 31, 1987.

Election of one full-time faculty member by and from the Faculty of Business Administration for three year term of office, from September 1, 1985 to May 31, 1988.

Elected by acclamation: C. E. Love

Election of nine full-time faculty members by and from Joint Faculty:

Ballots Cast: 317
Ballots Spoiled: 3

Individual totals:	Bartlett, B.	94
	Bhakthan, N.M.G.	113
	Chant, J.F.	129
	Crawford, C.	104
	D'Auria, J.M.	153

Dean, J.	102
Dyck, N.	84
Kennedy, P.E.	135
Malli, G.	72
Marx, R.	131
Nance, J.D.	65
Roberts, M.C.	151
Salter, L.	133
Singh, M.	140
Strate, G.	138
Verdun-Jones, S.	179
Wendell, S.	116

Seven individuals receiving the highest numbers of votes and declared elected for a three year term of office, from Sept. 1, 1985 to May 31, 1988:

S. Verdun-Jones	Faculty of Arts
J. M. D'Auria	Faculty of Science
M.C. Roberts	Faculty of Arts
M. Singh	Faculty of Science
G. Strate	Faculty of Arts
P. Kennedy	Faculty of Arts
L. Salter	Faculty of Applied Sciences

Candidate receiving the next highest number of votes and declared elected for two year term of office, from Sept. 1, 1985 to May 31, 1987:

R. Marx	Faculty of Education
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The last elected candidate for term of office for one year, from Sept. 1, 1985 to May 31, 1986:

J. Chant	Faculty of Arts
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Election of twelve students by and from the Student Association for term of office from Sept. 1, 1985 to May 31, 1986:

Ballots cast:	893
Ballots spoiled:	39

Individual totals:	
Almassy, E.	506
Archer, B.	476
Basi, K.	399
Chiu, K.	413
Flynn, G.	456
Lo, N. K.	414
Noonan, M.	425
Rainey, R.	428
Scott, I.M.	489

Steele, A. 421
Valentine, C. 435

Elected by acclamation:

McAllister, H. (Faculty of Education)
Muscroft, J.C. (Faculty of Applied Sciences)

Individuals receiving the highest number of votes and declared elected for one year term of office, from Sept. 1, 1985 to May 31, 1986 (provided there is at least one student from Faculty of Arts, Business and Science):

E. Almassy	Faculty of Arts
I. M. Scott	Faculty of Science
B. Archer	Faculty of Arts
G. Flynn	Faculty of Arts
C. Valentine	Faculty of Business Admin.
R. Rainey	Faculty of Arts
P. Tay	Faculty of Arts
M. Noonan	Faculty of Business Admin.
A. Steele	Faculty of Science
N.K. Lo	Faculty of Business Admin.

BOARD OF GOVERNORS

Election of two students by and from the Student Association for one year terms of office, from Sept. 1, 1985 to May 31, 1986:

Ballots cast: 881
Ballots spoiled: 53

Individual totals:

Isobe, D.	463
Noonan, M.	282
Valentine, C.	331
Zeller, P.	363

Two individuals receiving the higher number of votes and declared elected:

Isobe, D.
Zeller, P.

b) The Chairman reported that the Board of Governors at its last meeting had approved an increase in tuition fees of 10.26% and had received notice of motion regarding a proposal to increase the differential fees for international students to 2.5 times the fee for domestic students. The proposal would be presented at the May Board meeting for decision.

c) Senate was informed that the proposed financial exigency policy had been withdrawn from consideration at this time.

d) The Chairman reported that SFU will receive 2.5 million dollars from the University Adjustment Funds plus \$150,000 allocated for research. Senate was reminded that since these are one-time only funds they will have

to be used for non-recurring purposes and that there has been no commitment for next year.

e) A decrease of approximately two per cent in the summer semester enrolment was reported to Senate.

5. SENATE COMMITTEE ON UNDERGRADUATE STUDIES

a) Paper S.85-14 - Archaeology

Moved by G. Ivany, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-14, the deletion of the following courses:

ARC.439-3 Early Man and Environments in North America

ARC.440-3 Advanced Zooarchaeology

ARC.475-3 Regional Studies in Archaeology: North American Arctic,
and

Change of number and division for ARC.371-5

FROM: ARC.371-5 Archaeological Theory

TO: ARC.471-5 Archaeological Theory"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies acting under delegated authority approved:

(i) Change of title and description for ARC.101 - FROM: ARC.101-3 The Prehistoric Past. Method and myth in the study of human prehistory. The relationship between ideas and archaeological data in regard to man's prehistoric past - TO: ARC.101-3 Introduction to Archaeology. A survey of methods used by archaeologists to discover and interpret the past. Examples will be drawn from selected sites and cultures around the world.

(ii) Addition of prerequisites for ARC.272-3 and ARC.273-3 - FROM: No prerequisites - TO: It is strongly recommended that students take ARC.101-3 or ARC.131-3 before taking this course.

b) Paper S.85-15 - Political Science

Moved by G. Ivany, seconded by R. Brown,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-15, the proposed

Deletion of POL.331-3 Government and Politics - France"

Question was called, and a vote taken.

MOTION CARRIED

Senate received information that the Senate Committee on Undergraduate Studies acting under delegated authority approved a change of title and description and pre-requisites for POL.330-3 - FROM: Government and Politics: Great Britain

A detailed examination of the development and functioning of the British political system and of the society which sustains it.

TO: Government and Politics of Selected West European Nations

An introduction to the politics in West European Nations, with special emphasis on Britain and France. The analysis of patterns of political development, political culture, of political institutions and processes will be highlighted.

c) Paper S.85-16 - Humanities

Senate received information that the Senate Committee on Undergraduate Studies acting under delegated authority approved a change of title, prerequisite and description for HUM.304-3 -

FROM: The Judeo-Christian Tradition in Western Culture

Examines the relation of religious belief and practice to the cultural creativity of Western civilization. It evolves a comparative study of the major themes of Judaism and Christianity as they have inspired the values, intellectual structure and art forms of Western culture from Moses to Luther.

Prerequisite: 18 hours of humanities related courses at the lower division or permission of the Program Coordinator.

TO: Religion in Context

An investigation of a specific case of religious history and tradition. Religion will be studied through the cultural and historical contexts that pervade and structure religious meaning and expression. (As amended).

Prerequisite: 18 hours of humanities related courses at the lower division including HUM.230-3 or permission of the Program Coordinator.

The deletion of the words 'in-depth' was accepted as an editorial change to the course description. A. MacPherson expressed concern that the change, which he felt was a change of substance, had been dealt with by SCUS under delegated authority.

d) Paper S.85-17 - Sociology and Anthropology

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, had approved change of course description for -

S.A.363-4 Social Change in the Third World

FROM: An examination of social change in specific developing countries.

TO: An examination of theories of social change pertaining to areas usually classified as 'the Third World' and illustrated by specific contemporary socio-political issues.

S.A.368-4 Economic Anthropology

FROM: An examination of the economic systems of tribal and peasant societies with special reference to organization or production, exchange, gifts and markets; entrepreneurship...

TO: Anthropological perspectives on systems of production and exchange.
(As amended).

S.A.369-4 Political Anthropology

FROM: Comparative study of primitive and tribal political organization; leadership in non-centralized and centralized political systems.

TO: Anthropological perspectives on political systems and processes in traditional and modern societies.

S.A.464-4 Urban Anthropology

FROM: An analysis of the contribution of anthropologists to the study of urbanization. Particular attention will be paid to the social relationships between the metropolis and its hinterland, as well as to processes of adaptation of incomers to the city from different milieux.

TO: An anthropological analysis of urbanization and social life in urban centres. The focus will vary from semester to semester, but might include such topics as the relation between the metropolis and its hinterland, the processes of adaptation undergone by urban migrants, and the generation of distinctive urban cultures.

A suggestion that the word 'change' in the course description of S.A.368-4 should read 'exchange' was accepted as an editorial change.

e) Paper S.85-18 - Computing Science

Moved by G. Ivany, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-18, the proposal that

CMPT 001-3 Computers and the Activity of People, should become a pass/fail course"

S. Dalby felt that the rationale lacked clarity and did not justify changing this course to pass/fail and expressed concern about implementing the change after the course had started.

N. Cercone, Chairman of the Computing Science Department provided brief background information leading to this change which he felt better served the needs of the students in the course. The implementation date on the Senate paper was no longer valid and he indicated intent to have the change effective with the start of 85-3 semester. It was noted that this course was not intended for students wishing to specialize in Computing, but was offered as an introductory course to allow students to obtain some computer literacy.

Question was called, and a vote taken.

MOTION CARRIED

f) Paper S.85-19 - Gerontology

Moved by G. Ivany, seconded by T. Calvert,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.89-19, the proposed new courses

GERO 411-3 Special Topics in Gerontology
GERO 412-3 Special Topics in Gerontology"

Question was called, and a vote taken.

MOTION CARRIED

g) Paper S.85-20 - Women's Studies

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved deletion of W.S.100-4 Perspectives on Women: An Introduction to Women's Studies as a prerequisite for W.S. 301-3, W.S. 302-3 and W.S. 303-3, all Special Topics in Women's Studies.

h) Paper S.85-21- Mathematics & Statistics

Moved by G. Ivany, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-21, the following new courses

MATH 198-3 Selected Topics in Mathematics and
Statistics
MATH 398-3 Selected Topics in Mathematics and
Statistics"

Question was called, and a vote taken.

MOTION CARRIED

i) Paper S.85-22 - Physics

Senate received information that the Senate Committee on Undergraduate Studies, acting under delegated authority, approved change of course description for:

PHYS 101

FROM: A general survey course for life science students. Statics, kinematics, dynamics, work, energy and power, simple harmonic motion, acoustics, properties of matter, with application to the life sciences.
TO: A general survey course for life science students. Statics, kinematics, dynamics, work, energy and power, simple harmonic motion, acoustics, properties of matter, thermal physics, with application to the life sciences.

PHYS 102

FROM: A general survey course for life science students. Electricity, magnetism, optics, atomic physics, heat, kinetic theory, temperature and thermodynamics, with applications to the life sciences.

TO: A general survey course for life science students. Electricity, magnetism, optics, quantum physics, with application to the life sciences.

j) Paper S.85-23 - Chemistry

Moved by G. Ivany, seconded by T. Wells,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-23, deletion of the following courses:

NUSC 446-2 Nuclear Chemistry Laboratory
CHEM 420-3 Clinical Chemistry I
CHEM 423-3 Clinical Chemistry II
CHEM 424-2 Clinical Chemistry Laboratory
CHEM 483-15 Individual Study Semester"

Question was called, and a vote taken.

MOTION CARRIED

11) SENATE COMMITTEE ON ACADEMIC PLANNING

a) Paper S.85-24 - Annual Report

Senate received the Annual Report of the Senate Committee on Academic Planning for information.

b) Paper S.85-25 - International Student Quota

Moved by G. Ivany, seconded by J. D'Auria,

"That Senate approve and recommend approval to the Board of Governors that the admissions quota on international students for undergraduate studies at Simon Fraser University remain at 7% for the 1985/86 academic year"

G. Ivany advised that the quota which was originally set by Senate had turned out to be higher than the demand for admission and explained that, with the decline in international student enrolments, SCAP was recommending that the 7% limit remain the same.

J. Tuinman expressed the opinion that unless the quota was to be changed there was no need to bring it forward every year for Senate's consideration.

Amendment moved by J. Tuinman, seconded by A. MacPherson,

"That the words 'for the 1985/86 academic year' be deleted from the motion"

S. Dalby expressed concern that the 7% would remain without review and noted that with the increase in differential fees and the decline of the foreign student demand, there was in fact no need to have a quota and urged Senate to defeat both the amendment and the main motion.

G. Ivany stated that at the present time there was probably no need of any motion from Senate and that it would be the responsibility of the administration to bring it back to Senate should a problem again arise. It was pointed out, however, that certain programs on campus have controls separate from this overall quota which are still in effect.

Question was called on the amendment, and a vote taken.

AMENDMENT FAILED

Discussion turned to the main motion and concerns were expressed about the principle of the motion and why the quota should remain when there was no need for it.

J. Berggren reminded Senate of the extensive debate which had taken place on the original proposal to limit student enrolment and pointed out that conditions change and occur in cycles and noted it would be better to keep the quota on the books in case it is needed in the future.

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

MAIN MOTION CARRIED

111) SENATE COMMITTEE ON ACADEMIC PLANNING/SENATE COMMITTEE ON UNDER-GRADUATE STUDIES

a) Paper S.85-26 - Centre for the Arts

Moved by G. Ivany, seconded by A. MacPherson,

"That Senate approve, and recommend approval to the Board of Governors, the Centre for the Arts proposed curricular changes as set forth in S.85-26"

G. Ivany introduced the paper by explaining that the proposal was a result of the decision to cut the Centre for the Arts' budget by one-third and pointed out that the document, if approved, had to be approved as a package and that there was no possibility to divide. He added that the streamlined curriculum was an academically sound proposal which had received enthusiastic support from SCUS and SCAP.

G. Strate described the proposal as a document of integrity and expressed his appreciation to colleagues of the Centre who unanimously agreed and worked towards the proposal.

Question was called, and a vote taken.

MOTION CARRIED

iv) SENATE COMMITTEE ON ACADEMIC PLANNING/SENATE GRADUATE STUDIES COMMITTEE

a) Paper S.85-27 - Engineering

Moved by G. Ivany, seconded by J. Webster,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-27, the proposed Master of Engineering and Master of Applied Science Programs"

J. Cavers introduced the paper by stating that the two programs complement each other. He explained that the Master of Engineering Program is based primarily on course work and complemented by a project performed in industry. It is intended specifically for students who are employed and wish to obtain an advanced degree from part-time evening study. The Master of Applied Science is intended for full-time students with heavy emphasis on thesis work. He went on to say that the programs have been prepared in response to requests from local companies for such programs.

Brief discussion took place on how the programs would be administered and their affect on the current undergraduate program.

Question was called, and a vote taken.

MOTION CARRIED

v) SENATE GRADUATE STUDIES COMMITTEEa) Paper S.85-28 - Chemistry

Moved by J. Webster, seconded by J. Cochran,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.85-28, the proposed curriculum changes in the Department of Chemistry:

- 1) To approve the deletion from the Calendar of the following courses:
 - CHEM 864-3 Photochemistry
 - CHEM 865-3 Kinetics and Mechanism
 - CHEM 866-2 Surface Chemistry
 - CHEM 867-3 Polymer Chemistry
 - CHEM 872-3 Selected Topics in Theoretical Chemistry
- 2) To approve the course proposals for the following new courses:
 - a) CHEM 860-3 Advanced Physical Chemistry
A review of concepts in physical chemistry, with emphasis on molecular aspects of quantum chemistry, spectroscopy and chemical kinetics
 - b) CHEM 869-3 Selected Topics in Physical Chemistry
A specialized area of physical chemistry will be treated, selected from a list of topics.
- 3) To approve the change of the title and calendar description for the following courses:
 - a) FROM: CHEM 861-3 Advanced Molecular Spectroscopy

Rotational, vibrational, and electronic spectra of polyatomic molecules; principles of magnetic resonance.
TO: CHEM 861-3 Photochemistry and Chemical Kinetics
Chemical kinetics with emphasis on the reactions of free radicals and excited species. Basic principles of photochemistry and its application to some simple processes involving (a) atoms, and (b) molecules.

Note: CHEM 861-3 may not be taken for credit by students who have completed CHEM 865.

b) FROM: CHEM 862-3 Statistical Thermodynamics
Ensembles and thermodynamics; application to independent systems; systems of interacting molecules; quantum statistics. Topics in advanced thermodynamics, including non-equilibrium thermodynamics.
TO: CHEM 862-3 Macromolecular Chemistry
Physical properties and characterization of macromolecules. Relationship between structure and properties. Kinetics of polymerization.

Note: CHEM 862-3 may not be taken for credit by students who have completed CHEM 867.

c) FROM: CHEM 863-3 Selected Topics in Physical Chemistry
Subjects to be discussed will vary from semester to semester. Current trends and research effort will be stressed, and considerable use of the original literature will be encouraged.
TO: CHEM 863-3 Magnetic Resonance
Principles, techniques and applications of NMR and ESR.

d) FROM: CHEM 871-3 Theoretical Chemistry
Introduction to quantum mechanics. Non-relativistic quantum mechanics. Atomic structure, perturbation, theory, Hartree-Fock, variational method. Some recent developments.
TO: CHEM 871-3 Quantum Chemistry
Non-relativistic quantum mechanics. Atomic and molecular structure, perturbation theory, variation method.

Question was called, and a vote taken.

MOTION CARRIED

b) Paper S.85-29 - Women's Studies

Moved by J. Webster, seconded by T. Calvert,

"That Senate approve, as set forth in S.85-29, that the Chairperson of the Women's Studies Program be a voting member of the Senate Graduate Studies Committee"

Question was called, and a vote taken.

MOTION CARRIED

vi) SENATE UNDERGRADUATE ADMISSIONS BOARDa) Paper S.85-30 - Annual Report

Senate received the Annual Report of the Senate Undergraduate Admissions Board for information.

vii) SENATE APPEALS BOARDa) Paper S.85-31 - Annual Report

The Annual Report of the Senate Appeals Board was presented to Senate for information. K. Okuda voiced concerns about the policy of retroactive withdrawal and felt this practice should be reviewed. It was pointed out that the Senate Appeals Board does not make policy and, if desired, initiatives could be taken through appropriate Senate committee to have the policy changed.

viii) SENATE COMMITTEE ON SCHOLARSHIPS, AWARDS & BURSARIESa) Paper S.85-32 - Annual Report

The Annual Report of the Senate Committee on Scholarships, Awards and Bursaries was presented to Senate for information. K. Okuda expressed concerns about the decisions of the Committee with regard to allocation of stipends and H. Weinberg replied that the Committee will be reviewing the stipend policy as a result of those decisions.

ix) SENATE COMMITTEE ON AGENDA AND RULESa) Paper S.85-33 - Proposed Change in Membership of Senate Committees

Moved by G. Ivany, seconded by K. Rieckhoff,

"That Senate approve, as shown in S.85-33, the changes in membership of the various committees to respond to the dissolution of the Faculty of Interdisciplinary Studies, and to provide for representation of the new Faculty of Applied Sciences"

A suggestion to include reference to the dissolution of the Faculty of Engineering Science was accepted as a friendly amendment.

Question was called, and a vote taken.

MOTION CARRIED

6. REPORTS OF FACULTIES

There were no reports from Faculties.

7. OTHER BUSINESS

B. Archer requested that a motion to discuss the proposed increase in differential fees be added to the agenda at this point and was ruled out of order by the Chair. B. Archer then challenged the decision of the Chair.

Question was called on the ruling of the Chair, and a vote taken.

DECISION OF THE CHAIR SUSTAINED

8. NOTICES OF MOTION

There were no notices of motion.

9. INFORMATION

The next regular meeting of Senate is scheduled for Monday, June 3, 1985.

Following a brief recess at 8:50 p.m., the Assembly moved into Closed Session.

W.R. Heath
Secretary