

DRAFT UNTIL APPROVED BY SENATE

MINUTES OF A MEETING OF THE SENATE OF SIMON FRASER UNIVERSITY HELD
MONDAY, JANUARY 12, 1981, 3172 ADMINISTRATION BUILDING, 7:00 P.M.

OPEN SESSION

Present: Pedersen, K. G., Chairman

Anderson, S. K.
Arrott, A. S.
Beirne, B. P.
Bhakthan, N.M.G.
Bowman, M. L.
Brown, R. C.
Calvert, T. W.
Cochran, J. F.
Crawley, J. M.
Einstein, F.
Evenden, L. J.
Hale, L. R.
Hanson, J. A.
Hinchcliffe, S.
Hoegg, J. L., representing J. P. Blaney
Holmes, R. A.
Ivany, J.W.G.
Johnston, H.J.M.
Jones, C.H.W.
Litwin, W. G.
Mackauer, J.P.M.
McKeown, B. A.
McNabb, G. T.
Munro, J. M.
Okuda, K.
Overholt, M. J.
Palmer, L. H.
Rieckhoff, K. E.
Starcevich, R.D.I.
Trainer, M. D.
Tuinman, J. J.
Verdun-Jones, S. N.
Wagner, P. L.
Webster, J. M.
Weinberg, H.
Weinkam, J. J.
Wideen, M. F.

Absent:

Coté, P. T.
Dobb, T. C.
Doherty, P. M.
Geen, G. H.
Gehlbach, R. D.
Irwin, J. C.
Luetzen, S.
Moffatt, D. C.
Toor, J. B.

In attendance

Banister, E. W.
George, D.
Hoyt, G. C.
McMillan, A. C.
Schoner, B.
Smith, T. J.
Zarn, D.

Evans, H. M., Secretary
Norsworthy, R., Recording Secretary

S.M. 12/1/81

1. APPROVAL OF AGENDA

On a motion by K. Rieckhoff, seconded by T. McNabb, the agenda was approved as distributed.

2. APPROVAL OF MINUTES

Moved by K. Rieckhoff, seconded by J. Crawley,

"That the minutes of the Open Session of December 1, 1980 be approved."

Question was called, and a vote taken.

MOTION CARRIED

3. BUSINESS ARISING FROM THE MINUTES

There was no business arising from the minutes.

4. REPORT OF CHAIRMAN

The Chairman announced that the Acting Dean of Science, J. F. Cochran, had been ratified by his Faculty and that the recommendation of the President would be going forward to the Board of Governors for confirmation of his appointment as Dean of Science.

5. REPORTS OF COMMITTEES

i) Senate Nominating Committee

a) Paper S.81-1 - Senate Election

The Chairman stated that J. A. Hanson was elected by acclamation to the Senate Committee on Academic Planning/Senate Committee on University Budget for term of office from date of election to September 30, 1982.

ii) Senate Committee on Undergraduate Studies

a) Paper S.81-2 - Special Topics Courses - Faculty of Arts - 80-3

Senate received for information an outline of the Special Topics course offerings in the Faculty of Arts during the Fall semester 80-3, which had been previously approved by SCUS under its delegated authority.

b) Paper S.81-3 - New Course - ARC. 374-3 - Prehistory of South and East Asia

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

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-3, the new

course proposal for ARC. 374-3 - Prehistory of South and East Asia."

Question was called, and a vote taken.

MOTION CARRIED

c) Paper S.81-4 - GEOG 469 - Change of Title

Senate accepted for information a change in title for GEOG 469-5 from The North American "Middle North" to The Canadian North and Middle North, as approved by SCUS under its delegated authority.

d) Paper S.81-5 - History Changes

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-5, the History changes, including change in requirements for entry to honors, major, minor in History, permitting use of W.S. 201-3 and/or W.S. 202-3 as lower division History courses."

Question was called, and a vote taken.

MOTION CARRIED

e) Paper S.81-6 - Psychology Changes

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-6, the new course PSYC 357-3 - Psychology of Adulthood and Aging."

Question was called, and a vote taken.

MOTION CARRIED

Senate was informed that, acting under its delegated authority, SCUS had approved a prerequisite change for PSYC 456-5 - Psychology of Adulthood and Aging.

f) Paper S.81-7 - S.A. 451-4 - Prerequisite Change

Senate was informed that SCUS had approved, under its delegated authority, a prerequisite change for S.A. 451-4 - Selected Issues in Anthropology.

g) Paper S.81-8 - Curriculum Changes - Business Administration

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-8, the Department of Business Administration changes including:

- a) Lower Division Requirements
 - i) for a Major in Business Administration
 - ii) for Honors in Business Administration
- b) Upper Division Requirements
 - i) for a Major in Business Administration
 - ii) for Honors in Business Administration
- c) Provision for Areas of Concentration, including
 - i) General Requirements
 - ii) Specific courses for
 - 1) Accounting Management Information Systems
 - 2) Business, Government and Society
 - 3) Finance
 - 4) Marketing
 - 5) Organization Behaviour
 - 6) Quantitative Methods in Business
- d) Requirements for a Minor - Lower Division; Upper Division Courses Required
- e) New Courses:
 - i) BUS. 303-3 - Business in Society (Drop BUS. 103-3)
 - ii) BUS. 328-3 - Accounting for Management
 - iii) BUS. 372-3 - Micro Perspectives on Organizations (Drop BUS. 371-3)
 - iv) BUS. 374-3 - Macro Perspectives on Organizations (Drop BUS. 371-3)
 - v) BUEC 384-3 - Industrial Relations (Drop BUEC 386-5)
 - vi) BUEC 385-3 - Collective Bargaining (Drop BUEC 386-5)
 - vii) BUS. 415-4 - Investments
 - viii) BUS. 437-3 - Decision Analysis in Business
 - ix) BUS. 446-4 - Marketing Strategy
 - x) BUS. 481-3 - Personnel Management I (Drop BUS. 387-3)
 - xi) BUS. 482-3 - Personnel Management II (Drop BUS. 387-3)
 - xii) BUS. 487-3 - Organizational Development and Change
 - xiii) BUEC 495-3 - Legal Aspects of Economic Relationships
 - xiv) BUEC 496-5 - Public Policy Environment
 - xv) BUS. 499-5 - Directed Studies
- f) Course Changes:
 - i) BUS. 221-3 - Introduction to Accounting - prerequisite change
 - ii) BUS. 270-3 - Introduction to Organizational Behaviour and Decision Making - prerequisite change
 - iii) BUEC 391-3 - Law in the Economic Society - formerly BUEC 293-3 - number change, prerequisite change
 - iv) BUS. 312-4 - Business Finance - description and prerequisite change
 - v) BUEC 332-3 - Elementary Economic and Business Statistics I - prerequisite change
 - vi) BUEC 333-3 - Elementary Economic and Business Statistics II - prerequisite change
 - vii) BUS. 336-5 - Management Science - formerly BUS. 436-5 - number and prerequisite change

- viii) BUS. 343-3 - Introduction to Marketing - title and prerequisite change
- ix) BUS. 413-4 - Financial Management - description, prerequisite, credit, vector changes
- x) BUS. 448-4 - Promotion Management - formerly BUS. 348-4 - number, prerequisite changes
- xi) BUS. 473-5 - Operations Management - formerly BUS. 373-5 - number, prerequisite changes

g) Retain Courses:

- i) BUS. 222-3 - Accounting Structure and Method
- ii) BUS. 225-0 - Accounting Practicum I
- iii) BUS. 280-3 - Introduction to Labour Economics
- iv) BUS. 307-3 - Managerial Economics
- v) BUS. 320-3 - Financial Accounting: Assets
- vi) BUS. 321-3 - Financial Accounting: Equities
- vii) BUS. 324-3 - Managerial Accounting I
- viii) BUS. 325-0 - Accounting Practicum II
- ix) BUS. 326-0 - Accounting Practicum III
- x) BUS. 327-0 - Accounting Practicum IV
- xi) BUS. 337-3 - Management Information Systems I
- xii) BUS. 346-3 - International Business
- xiii) BUS. 347-3 - Buyer Behavior
- xiv) BUS. 393-3 - Commercial Law
- xv) BUEC 396-3 - The Structure of Industry
- xvi) BUEC 397-5 - Government and Business
- xvii) BUS. 403-3 - Seminar in Business and Society
- xviii) BUS. 421-3 - Accounting Theory
- xix) BUS. 424-3 - Managerial Accounting II
- xx) BUS. 425-0 - Accounting Practicum V
- xxi) BUS. 426-0 - Accounting Practicum VI
- xxii) BUS. 427-0 - Accounting Practicum VII
- xxiii) ~~BUS. 433-5~~ ^{BUEC 433-5} - ~~Forecasting in Business and Economics~~ ^{MANAGEMENT INFORMATION SYSTEMS II}
- xxiv) BUS. 444-5 - Marketing Research
- xxv) BUS. 472-3 - Seminar in Organizational Behavior
- xxvi) BUS. 477-3 - Seminar in Small Business Administration
- xxvii) BUS. 478-3 - Seminar in Administration Policy
- xxviii) BUS. 488-3 - Human Relations in Business
- xxix) BUS. 489-3 - Small Groups and Organizations
- xxx) BUS. 492-3 - Selected Topics in Business Administration
- xxxi) BUS. 493-3 - Selected Topics in Business Administration
- xxxii) BUS. 494-3 - Selected Topics in Business Administration
- xxxiii) BUS. 498-3 - Directed Studies

h) Drop Courses:

- i) as indicated in (e)
- ii) drop BUEC 231-3 - Introduction to Model Building in Business Administration and Economics - from the BUS. curriculum."

B. Schoner and C. Hoyt were invited to join the assembly to respond to questions.

K. Okuda noted that, although the submission was presented by the Department of Business Administration, the Department of Economics is in agreement with those components which directly affect Economics. He added that the lower division requirements for the Major should include "(Note: A 100 Division ECON course is required for ECON 200 and/or 205, whichever is the first taken by the student.)"

In response to a question raised by K. Rieckhoff relating to separation of Quantitative Methods in Business as an area of concentration rather than forming part of other areas, C. Hoyt stated that Quantitative Methods are required for all students.

Question was called, and a vote taken.

MOTION CARRIED

h) Paper S.81-9 - ECON 404-3 - Prerequisite Change

A paper outlining the action of SCUS, taken under its delegated authority, in approving a prerequisite change for ECON 404-3 - Honors Seminar in Methodology of the Social Sciences, was received for information.

i) Paper S.81-10 - Changes - Computing Science

Senate accepted a description change for CMPT 105-3 - Fundamental Concepts of Computing, and a title and description change for CMPT 291-4, as approved by SCUS under its delegated authority.

j) Paper S.81-11 - Proposed Digital Systems Design, Honors Program, Computing Science

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-11, the proposal for Digital Systems Design, Honors Program, Computing Science."

Question was called, and a vote taken.

MOTION CARRIED

k) Paper S.81-12 - Changes - Kinesiology Curriculum

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve, and recommend approval to the Board of Governors, as set forth in S.81-12, the proposed changes in Kinesiology:

- i) KIN. 305-3 - Human Physiology I - formerly KIN. 405-3 (number change)
- ii) KIN. 306-3 - Human Physiology II - formerly KIN. 406-3 (number change)
- iii) Add CHEM 118-2 - General Chemistry Laboratory II as a required lower division course
- iv) Change requirements to permit use of courses from BUS., ENGL, PHIL, PSYC, S.A., CMNS (deleting POL.)
- v) Add KIN. 401-4 - Mechanics of Human Movement as a required upper division course for a Major in KIN.
- vi) New course - KIN. 410-3 - Exercise Physiology, as an upper division elective for a Major in KIN.

- vii) Revised courses for those taking a Degree with a Major in Kinesiology
- viii) Revised upper division courses for those taking a Major in Kinesiology."

Question was called, and a vote taken.

MOTION CARRIED

Senate was advised that, under its delegated authority, SCUS had approved waiver of the time lag requirement to permit first offering of KIN. 410-4 in the Summer semester 81-2.

1) Paper S.81-13 - Changes - Canadian Studies Curriculum

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-13, the proposed changes in the Canadian Studies curriculum:

- | | <u>Delete</u> | <u>Add</u> | |
|------|---------------|------------|---|
| i) | HIST 429-3 | HIST 328-3 | - The Province of Quebec from Confederation |
| ii) | HIST 432-3 | HIST 435-3 | - The Canadian Prairies |
| iii) | | HIST 436-3 | - British Columbia |
| iv) | HIST 434-3 | HIST 326-3 | - The History of Native People of Canada." |

Question was called, and a vote taken.

MOTION CARRIED

m) Paper S.81-14 - EDUC 406-0 - Professional In-Service Practicum

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-14, the proposed description change for EDUC 406-0 - Professional In-Service Practicum."

Question was called, and a vote taken.

MOTION CARRIED

n) Paper S.81-15 - Faculty of Science - Curriculum Changes

Senate received for information a paper outlining the action of SCUS, taken under its delegated authority, in approval of a title change for BISC 410-3 and a change in the prerequisite statement for PHYS 150-3 - Elementary Physics of Electronic Devices.

o) Paper S.81-16 - Proposal for a Faculty of Engineering at Simon Fraser University

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-16, the proposal for a Faculty of Engineering at Simon Fraser University, including:

- a) Admission
- b) Degree requirements
- c) Co-operative Program
- d) Engineering Program Requirements, including
 - i) Core I - General Engineering
 - ii) Core II - The Basics
 - iii) Core III - Society and Environment
 - iv) Core IV - Specialization
 - v) Elective List - Science
 - vi) Elective List - Society and Environment
- e) Civil Engineering Program Requirements
 - i) Core IV - Civil Engineering
 - ii) Elective List - Civil Engineering
- f) Electrical Engineering Program Requirements
 - i) Core IV - Electrical Engineering
 - ii) Elective List - Electrical Engineering
- g) Mechanical Engineering Program Requirements
 - i) Core IV - Mechanical Engineering
 - ii) Elective List - Mechanical Engineering
- h) Chemical Engineering Program Requirements
 - i) Core IV - Chemical Engineering
 - ii) Elective List - Chemical Engineering
- i) Computer Engineering Program Requirements
 - i) Core IV - Computer Engineering
 - ii) Elective List - Computer Engineering
- j) Engineering Science Program Requirements
 - i) Core IV - Engineering Science (General)
 - ii) Elective List - Engineering Science (General)
 - iii) Core IV - Engineering Science (Mechanics)
 - iv) Elective List: Applied Mathematics
 - v) Elective List: Applied Mechanics
- k) General Engineering Course Descriptions - New Courses
 - ENGG 100-6 - Engineering Communications
 - ENGG 240-3 - Industrial Engineering I
 - ENGG 241-3 - Industrial Engineering II
 - ENGG 299-3 - Engineering Economics (to be developed)
 - ENGG 301-3 - Engineering Design
 - ENGG 302-3 - Engineering Management
 - ENGG 341-3 - Systems Dynamics
 - ENGG 401-1 - Engineering Project A
 - ENGG 420-3 - Forest Operations
 - ENGG 430-3 - Engineering in Extreme Environments

- ENGG 440-3 - Mining Methods
- ENGG 450-3 - Petroleum Extraction
- ENGG 460-3 - Energy Sources
- ENGG 470-3 - Energy Distribution and Utilization
- 1) Co-op Practicum Courses - New
 - ENGG 290-0 - Job Practicum I
 - ENGG 390-0 - Job Practicum II
 - ENGG 391-0 - Job Practicum III
 - ENGG 490-0 - Job Practicum IV
- m) Civil Engineering Course Descriptions - New Courses
 - CIVE 211-1 - Civil Engineering Laboratory A
 - CIVE 212-2 - Civil Engineering Laboratory B
 - CIVE 220-4 - Structural Analysis
 - CIVE 271-2 - Surveying
 - CIVE 311-2 - Civil Engineering Laboratory C
 - CIVE 312-1 - Civil Engineering Laboratory D
 - CIVE 320-3 - Structural Design in Steel and Timber
 - CIVE 321-3 - Reinforced Concrete I
 - CIVE 331-3 - Soil Mechanics
 - CIVE 340-3 - Hydraulics
 - CIVE 350-3 - Transportation Engineering I
 - CIVE 401-2 - Engineering Project A
 - CIVE 402-3 - Engineering Project B
 - CIVE 411-4 - Engineering Laboratory E
 - CIVE 412-4 - Engineering Laboratory F
 - CIVE 420-3 - Intermediate Structural Analysis and Design
 - CIVE 421-3 - Advanced Structural Analysis and Design
 - CIVE 423-3 - Highway Engineering
 - CIVE 430-3 - Soil Engineering
 - CIVE 431-3 - Geotechnical Design
 - CIVE 432-3 - Rock Mechanics
 - CIVE 440-3 - Hydrology
- n) Electrical Engineering Course Descriptions - New
 - ELEC 211-2 - Electrical Engineering Laboratory A
 - ELEC 212-2 - Electrical Engineering Laboratory B
 - ELEC 221-3 - Analog and Digital Electronics
 - ELEC 222-3 - Electronic Design I
 - ELEC 250-3 - Basic Electrical Engineering
 - ELEC 260-3 - Microprocessor Systems
 - ELEC 311-3 - Electrical Engineering Laboratory C
 - ELEC 312-3 - Electrical Engineering Laboratory D
 - ELEC 332-3 - Electrical Power Generation and Distribution
 - ELEC 342-3 - Control Systems I
 - ELEC 371-3 - Digital Systems
 - ELEC 401-2 - Electrical Engineering Project A
 - ELEC 402-3 - Electrical Engineering Project B
 - ELEC 411-4 - Electrical Engineering Laboratory E
 - ELEC 412-4 - Electrical Engineering Laboratory F
 - ELEC 421-3 - Electronic Design II
 - ELEC 425-3 - Electronic System Design
 - ELEC 432-3 - Power Systems
 - ELEC 435-3 - High Voltage Engineering
 - ELEC 441-3 - Communication Systems
 - ELEC 443-3 - Data Communications
 - ELEC 464-3 - High Frequency Electronics

- o) Mechanical Engineering Course Descriptions - New
 - MECE 212-1 - Mechanical Engineering Laboratory A
 - MECE 230-3 - Engineering Materials
 - MECE 310-3 - Analysis and Design of Machines
 - MECE 311-2 - Mechanical Engineering Laboratory B
 - MECE 312-3 - Mechanical Engineering Laboratory C
 - MECE 320-3 - Heat Transfer and Fluid Mechanics
 - MECE 370-3 - Mechanical Measurements
 - MECE 401-2 - Mechanical Engineering Project A
 - MECE 402-3 - Mechanical Engineering Project B
 - MECE 410-3 - Vibrations and Acoustics
 - MECE 411-2 - Mechanical Engineering Laboratory D
 - MECE 412-4 - Mechanical Engineering Laboratory E
 - MECE 420-3 - Engineering Thermodynamics
 - MECE 423-3 - Heating, Ventilating and Air Conditioning
 - MECE 442-3 - Manufacturing Processes
 - MECE 482-3 - Design of Machine Components
 - MECE 497-3 - Production Systems
- p) Chemical Engineering Course Descriptions - New
 - CHME 211-2 - Chemical Engineering Laboratory A
 - CHME 212-2 - Chemical Engineering Laboratory B
 - CHME 311-3 - Chemical Engineering Laboratory C
 - CHME 312-4 - Chemical Engineering Laboratory D
 - CHME 370-3 - Measurement of Chemical Processes
 - CHME 401-2 - Chemical Engineering Project A
 - CHME 402-3 - Chemical Engineering Project B
 - CHME 411-4 - Chemical Engineering Laboratory E
 - CHME 417-4 - Chemical Engineering Laboratory F
 - CHME 430-3 - Introduction to Biochemical Engineering
 - CHME 431-3 - Chemical Reaction and Process Design I
 - CHME 432-3 - Chemical Reaction and Process Design II
 - CHME 440-3 - Introduction to Extractive Metallurgy
 - CHME 450-3 - Chemical Process Control
- q) Engineering Science (General) Course Descriptions - New
 - ENSC 212-3 - Engineering Science Laboratory A
 - ENSC 311-2 - Engineering Science Laboratory B
 - ENSC 312-3 - Engineering Science Laboratory C
 - ENSC 401-2 - Engineering Science Project A
 - ENSC 402-3 - Engineering Science Project B
 - ENSC 411-3 - Engineering Science Laboratory D
 - ENSC 412-4 - Engineering Science Laboratory E
- r) Engineering Science (Mechanics) Course descriptions - New
 - ENSC 213-2 - Engineering Mechanics Laboratory A
 - ENSC 313-2 - Engineering Mechanics Laboratory B
 - ENSC 314-3 - Engineering Mechanics Laboratory C
 - ENSC 413-4 - Engineering Mechanics Laboratory D."

Dr. Donald George, Professor of Systems Engineering and Computer Science at Carlton University, and Darrell Zarn, Assistant to the Director of Engineering at SFU, were invited to join the assembly, in their respective capacities of Engineering Consultant and of Executive Assistant to T. Calvert.

T. Calvert outlined the history of the development of the proposal for a Faculty of Engineering which he stated was a conservative compromise utilizing a number of existing courses and the semester system to produce rather a different engineering program for a limited enrolment and various constraints. He referred Senate to the documentation of S.81-16 which outlines complete details.

D. George responded to a number of questions relating to availability of faculty and market supply and demand, and cautioned that the success of an innovative approach can be measured only by experience.

A number of Senators commended the committee on the presentation.

Question was called, and a vote taken.

MOTION CARRIED WITHOUT A
DISSENTING VOTE

J. Crawley asked that his abstention be recorded.

K. Rieckhoff proposed a motion to express thanks and appreciation to the outside consultants who had assisted in putting the package together and the Chairman remarked that he was sure everyone would support such an expression; that T. Calvert, D. Zarn, E. Shoemaker, M. Plischke, J. D'Auria, B. Schoner had done a marvelous job and the University is indebted to them as well as to the outside consultants; and that he, personally, would like to pay particular tribute to T. Calvert.

p) Paper S.81-17 - Extended Studies Diploma in Occupational Health Science

Moved by J. Webster, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-17, the proposal for an Extended Studies Diploma in Occupational Health Science, including

- i) Requirements - 9 core courses (at least 26 credit hours) plus optional courses - a total of at least 30 credits
 - 1. Core courses
 - 2. Optional courses
- ii) Change in course designation
 - OHS. 480-3 - Ergonomics/Human Factors in Working Environments (now KIN. 480-3)
- iii) New Courses:
 - OHS. 300-3 - Introduction to Occupational Health Science
 - OHS. 370-3 - Epidemiology and Biostatistics
 - OHS. 481-3 - Principles of Industrial Hygiene
 - OHS. 482-2 - Occupational Health Science Laboratory
 - OHS. 489-3 - Occupational Safety and Hazard Management
 - OHS. 490-3 - Field Practicum in Occupational Health Science."

The Chairman asked that proponents of the submission join the assembly to respond to queries, and E. Banister and T. Smith took their places at the table.

A paper prepared by A. G. Sherwood was distributed to Senate at the request of Dean Cochran. The paper is now numbered S.81-29.

T. Calvert introduced the proposal which he said was the result of fairly extensive planning of some two years and that the presentation is complementary to the recently approved Environmental Toxicology programs. M. Mackauer was not prepared to suggest that the programs are complementary but that the topics are, and he saw serious shortcomings in the Occupational Health proposal. T. Smith defended the submission and quoted from a publication of the U.S. Department of Health, Education and Welfare which summarizes the credit course offerings of a number of American universities for post graduate professional training in the same field. E. Banister stated that the object of this proposal is to address an intermediary position of monitoring the environment and analysis of its effect on the human being.

~~K. Rieckhoff and T. Arrott spoke in opposition to the motion, on the basis of insufficient resource investment to promote a new idea.~~

Moved by T. Arrott, seconded by R. Starcevich,

"That Paper S.81-17 - Extended Studies Diploma in Occupational Health Science be referred back to the Department for further consideration."

T. Calvert noted that referral would cause delay of possible implementation for at least a full year. It was suggested that entry requirements be more explicit and restrictive because of science background needs, and that the program be more demanding than that of BCIT. Referral is to the Department but for return to Senate it will be through the usual Faculty, SCUS process.

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

MOTION TO REFER CARRIED

G. Bhakthan confirmed that without the approval of the course proposals outlined in S.81-17 the Honors Program and the Minor Program would not be able to function.

Moved by G. Bhakthan, seconded by J. Crawley,

"That Papers S.81-18 - Proposed Honors Program in Occupational Health Science, and S.81-19 - Proposed Minor Program in Occupational Health Science, be referred back to the originators."

Return to Senate will be via the Faculty/SCUS process.

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

MOTION TO REFER CARRIED

iii) Senate Undergraduate Admissions Board

a) Paper S.81-20 - SUAB Terms of Reference

Moved by J. Webster, seconded by W. Litwin,

"That the following wording in S.79-111:
'PROCEDURE, Section (d) ... in the same manner
as all other applicants who are denied admission'
be replaced by:

'PROCEDURE, Section (d) ... only if they are able to
present additional information (which was not available
at the time of the SUAB decision) which is relevant and
consistent with the criteria used by SUAB.'"

Question was called, and a vote taken.

MOTION CARRIED

b) Paper S.81-21 - Foreign Admission Policies

The Chairman pointed out an omission from the blue motion sheet
with respect to Motion 1.

Moved by J. Webster, seconded by W. Litwin,

Motion 1 "That applicants from Austria, Czechoslovakia,
Germany, Denmark, Finland, France (including all
countries under the French system), The Netherlands,
Norway, Sweden and Yugoslavia continue to be
admitted on the basis of acceptable standing on the
maturity or leaving certificate in their country.

That transfer credit not be assigned for work completed
at the secondary level but where appropriate, the
student may consider applying for course challenge
credit from the approved list of courses at SFU."

A. McMillan was in attendance, and stated that the same circumstances
are intended to apply to all European countries, including Austria, and
that 'Germany' refers to West Germany.

Question was called on Motion 1, and a vote taken.

MOTION 1 CARRIED

Moved by J. Webster, seconded by W. Litwin,

Motion 2 "That applicants from the United Kingdom (including
all countries following the U.K. Educational system)
continue to be admitted on three 'Advanced' or 'Higher'
level subjects and be considered for transfer credit to
a maximum of 30 semester hours. That the average re-

quired for admission be raised from a 'D' to a 'C' based on a minimum passing grade of E on a scale of A to E.

If approved, these changes to the admission requirements become effective immediately. They do not include major changes, nor do they conflict with any statement in the calendar."

In response to a question raised by K. Okuda, A. McMillan stated that previously it was not practice to make entries for those granted admission through Appeal Board processes on the basis of extenuating circumstances, to show academic warning, probation, etc. Approval of the present paper would allow admission on special entry, as in the past, but with an entry on warning or probation. There is no proposed lowering of standards but rather a stiffening of the academic nomenclature and conditions to be made for the student to successfully proceed.

Question was called, and a vote taken.

MOTION CARRIED

iv) Senate Graduate Studies Committee

a) Paper S.81-22 - General Regulations

Moved by B. Beirne, seconded by K. Rieckhoff,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-22, proposed changes in the General Regulations - Graduate Studies."

Question was called, and a vote taken.

MOTION CARRIED

b) Paper S.81-23 - Graduate Curriculum - Master of Arts (CMNS)

Moved by B. Beirne, seconded by L. Hale,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-23, Graduate curriculum changes in the Master of Arts (CMNS) program."

Question was called, and a vote taken.

MOTION CARRIED

c) Paper S.81-24 - Graduate Course Title Change in the Faculty of Education

Moved by B. Beirne, seconded by J. Tuinman,

"That Senate approve and recommend approval to the

Board of Governors, as set forth in S.81-24 - Graduate course title changes in the Faculty of Education."

Question was called, and a vote taken.

MOTION CARRIED

- d) Paper S.81-25 - New Graduate Course Proposals - Faculty of Education

Moved by B. Beirne, seconded by J. Tuinman,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-25, new graduate course proposals - Faculty of Education."

Question was called, and a vote taken.

MOTION CARRIED

- e) Paper S.81-26 - Graduate Curriculum Changes - Master of Natural Resource Management

Moved by B. Beirne, seconded by R. Starceovich,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-26 - Graduate curriculum changes in the Master of Natural Resource Management program."

Question was called, and a vote taken.

MOTION CARRIED

- f) Paper S.81-27 - New Graduate Course Proposals

Moved by B. Beirne, seconded by W. Litwin,

"That Senate approve and recommend approval to the Board of Governors, as set forth in S.81-27, new graduate course proposals, BISC 811-3 and 861-3."

Question was called, and a vote taken.

MOTION CARRIED

6. REPORTS OF FACULTIES

There were no reports from faculties.

7. OTHER BUSINESS

W. Litwin indicated that he had some concerns about membership on SAB from SUAB, and the Chairman stated that he would be pleased to discuss the specifics with the Senator.

8. NOTICE OF MOTION

Paper S.81-28 - Intent to Complete Agenda

As the agenda had been completed, Paper S.81-28 was withdrawn.

9. INFORMATION

The next regular meeting of Senate is scheduled to be convened on Monday, February 9, 1981, rather than the normal date of February 2.

The assembly recessed briefly at 9:12 p.m., prior to moving into Closed Session.

H. M. Evans
Secretary