Wednesday, February 20, 1974.

The Sixth regular meeting of the Senate of The University of British Columbia for the Session 1973-74 was held on Wednesday, February 20, 1974 at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: President W. H. Gage (Chairman), Dean J. H. M. Andrews, Mrs. M. F. Angus, Dean D. V. Bates, Dr. L. L. Bongie, Dr. C. B. Bourne, Dr. C. A. Brockley, Dr. D. G. Brown, Dr. T. H. Brown, Mr. G. B. Burns, Mr. R. M. Buzza, Dr. R. M. Clark, Dean I. McT. Cowan, Dr. J. D. Dennison, Ms. V. C. Embree, Ms. B. G. Errington, Mrs. F. Field, Mr. D. B. Fields, Dr. C. V. Finnegan, Dr. J. G. Foulks, Dr. S. M. Friedman, Dean J. A. F. Gardner, Dr. R. F. Gray, Mr. J. Guthrie, Dr. D. F. Hardwick, Mr. A. J. Hilliker, Dr. B. Howard, Miss W. J. Hudson, Mr. P. A. Insley, Dr. J. M. Kennedy, Dean D. T. Kenny, Dr. L. Kraintz, Dr. R. V. Kubicek, Mrs. W. T. Lane, Dean S. W. Leung, Dean A. J. McClean, Mr. J. A. McEwen, Dr. M. F. McGregor, Dr. D. J. MacDougall, Rev. J. P. Martin, Dr. P. Merivale, Mr. A. M. Moore, Dr. J. M. Norris, Mr. R. F. Osborne, Mr. P. W. Park, Dr. G. V. Parkinson, Miss E. B. Paul, Dean B. E. Riedel, Mr. S. J. Robinson, Dr. I. S. Ross, Mr. J. M. Schoening, Dean M. Shaw, Ms. S. H. M. Smaill, Mrs. C. A. Soong, Dr. J. K. Stager, Dr. J. R. Stein, Dr. K. S. Stockholder, Mr. B. Stuart-Stubbs, Dr. W. A. Webber.

Observers: Mr. T. A. Myers, Mr. G. R. Selman.

Messages of regret for their inability to attend were received from Chancellor N. T. Nemetz, Deputy President W. M. Armstrong, Dr. S. D. Cavers, Mr. C. J. Connaghan, Dr. R. Daniells, Dr. N. Epstein, Dean W. D. Finn, Dr. W. C. Gibson, Mr. I. F. Greenwood, Dr. F. R. C. Johnstone, Dr. W. D. Kitts, Mr. A. J. Longmore, Dr. R. E. McConnell, Dr. C. A. McDowell, Mr. P. S. Plant, Mrs. H. W. Sonthoff, Mr. G. A. Thom, Mr. B. B. Trevino, Dean G. M. Volkoff, Dr. R. L. White, Mr. D. R. Williams.

Wednesday, February 20, 1974.

Minutes of Previous Meetings

Dr. Ross)
Dr. McGregor) *That the Minutes of the special meeting of January 9, 1974 and the Minutes of the Fifth regular meeting of Senate for the Session 1973-74 having been circulated, be taken as read and adopted.*

Carried

Business arising from the Minutes

Student Membership in Faculties

Arts - Recommendation 3

Notice of motion to reconsider the amendment to Recommendation 3 had been given at the previous meeting. The amendment, which was defeated, and Recommendation 3 which was approved by Senate are as follows:

Recommendation 3:

Election of student participants should be conducted before October 15 of each academic year by the Registrar of the University in the same manner as other elections held in the Faculty. Each candidate should be nominated in writing by five persons eligible to vote for that candidate. Voting should be by a mail ballot, displaying the names of the nominators. Students elected should hold office until the next election.

Defeated amendment:

Election of student participants should be conducted before March 15 of each academic year by the Arts Undergraduate Society except in the case of First Year representatives for whom elections shall be conducted by October 15 of each year.

Mr. Insley)
Mr. Burns) *That the amendment to Recommendation 3 be reconsidered by Senate.*

The motion to reconsider the amendment to Recommendation 3 was lost, 22:29.

Wednesday, February 20, 1974.

From the Board of Governors

Notification of approval in principle of Senate recommendations - subject, where applicable, to the proviso that none of the programmes be implemented without formal reference to the President and the formal agreement of the President; and that the Deans and Heads concerned with new programmes be asked to indicate the space requirements, if any, of such new programmes.

(i) Course changes in Animal Science, Food Science, Plant Science, and the Four-Year Double Major, recommended by the Faculty of Agricultural Sciences. *(P. 6046)*

(ii) New courses, course and curriculum changes in Agricultural, Chemical, Civil, Geological, Electrical, Mechanical and Mineral Engineering, Metallurgy, Engineering Physics and Mathematics, recommended by the Faculty of Applied Science. *(P. 6047-51)*

(iii) Course changes in Creative Writing, Economics, English, French, Music and Psychology, and a new course in Linguistics, recommended by the Faculty of Arts. *(P. 5977)*

(iv) New program in Economic History, recommended by the Faculty of Arts. *(P. 6024-5)*

(v) Course changes recommended by the Faculty of Commerce and Business Administration. *(P. 6051-2)*

(vi) New courses, course and curriculum changes in Economics, Mathematics, Music, Oceanography, Physics and Zoology, recommended by the Faculty of Graduate Studies. *(P. 6052-3)*

(vii) Ph.D. program in Linguistics, recommended by the Faculty of Graduate Studies. *(P. 6025-6)*

(viii) Master of Science Degree in Physical Geography, recommended by the Faculty of Graduate Studies. *(P. 6026)*

(ix) New courses and course changes recommended by the School of Home Economics. *(P. 6053)*

(x) New courses, course and curriculum changes in Biochemistry, Botany, Chemistry, Computer Science, Geography, Geological Sciences, Geophysics and Astronomy, Mathematics, Microbiology, Physics, Physiology and Zoology, recommended by the Faculty of Science. *(P. 6053-62)*

Wednesday, February 20, 1974.

From the Board of Governors (continued)

(xi) The adoption of a six-week Summer Session and that there be 29 class periods of 2 hours 10 minutes or 62 hours 50 minutes of instruction. *(P.6030-31)*

Committee on Prizes, Scholarships and Bursaries

Mr. Fields)
Dean Cowan) *That the new awards listed in Appendix 'A' be accepted subject to the approval of the Board of Governors, and that letters of thanks be sent to the donors.*

Carried

Reports of Committees of Senate

Curriculum Committee

Dr. Norris presented the report on proposals referred to the committee.

Faculty of Arts (See Appendix 'B')

Dr. Norris)
Dean Kenny) *That course changes in Anthropology and Sociology, English, Political Science, and Psychology, and new courses in German recommended by the Faculty of Arts be approved.*

Carried

Approval of Linguistics 449 Honours Essay was withheld at the November 14, 1973 meeting (P.5962) pending submission of description and rationale. It was concluded by the committee that these were not needed.

Dr. Norris)
Mr. Moore) *That the proposal of the Faculty of Arts to offer Linguistics 449 Honours Essay be approved.*

Carried

Wednesday, February 20, 1974.

Reports of Committees of Senate

Curriculum Committee (continued)

Faculty of Education (See Appendix 'B')

Dr. Norris)
Dean Andrews) *That new courses, course and curriculum changes recommended by the Faculty of Education be approved.*

Carried

Referring to the courses listed for the Major in Earth and Space Science the committee noted that Geology 327 and 417 had not yet been approved by the Faculty of Science. The Faculty of Education had been requested to provide alternative courses if Geology 327 and 417 were not approved by the Faculty of Science.

It was noted that the committee had recommended changes in the title and description of Education 174 and changes in the descriptions of Education 175, 421 and 426. Changes in the title and description of Theatre 301 and in the description of English 301 were approved subject to the approval of the Faculty of Arts.

Faculty of Forestry (See Appendix 'B')

Dr. Norris)
Dean Gardner) *That new courses, course and curriculum changes recommended by the Faculty of Forestry be approved.*

Carried

Wednesday, February 20, 1974.

Reports of Committees of Senate

Curriculum Committee (continued)

Faculty of Graduate Studies (See Appendix 'B')

Dr. Norris)
Dean Cowan)

That new courses, course and curriculum changes recommended by the Faculty of Graduate Studies in Architecture, Botany, Civil Engineering, Education, Electrical Engineering, French, Geography, Geology, German, Health Care and Epidemiology, Home Economics, Linguistics, Mathematics, Mechanical Engineering, Microbiology, Physics, Plant Science, Slavonics and Zoology, be approved.

Carried

Minor amendments to the descriptions of Mathematics 529 and Microbiology 502 were noted.

School of Home Economics (See Appendix 'B')

Dr. Norris)
Mr. Osborne)

That course and curriculum changes recommended by the School of Home Economics be approved.

Carried

Faculty of Law (See Appendix 'B')

Dr. Norris)
Dean McClean)

That new courses and course changes recommended by the Faculty of Law be approved.

Carried

School of Librarianship (See Appendix 'B')

Dr. Norris)
Dr. McGregor)

That new courses and course changes recommended by the School of Librarianship be approved.

Carried

Wednesday, February 20, 1974.

Reports of Committees of Senate

Curriculum Committee (continued)

Faculty of Medicine

Dr. Norris)
Dr. Hardwick)

That the change in description of Pharmacology 410 recommended by the Faculty of Medicine be approved.

Carried

School of Nursing (See Appendix 'B')

Dr. Norris)
Dr. Brockley)

That the curriculum changes recommended by the School of Nursing be approved.

Carried

Faculty of Pharmaceutical Sciences (See Appendix 'B')

Dr. Norris)
Dean Riedel)

That new courses and course changes recommended by the Faculty of Pharmaceutical Sciences be approved.

Carried

School of Physical Education and Recreation (See Appendix 'B')

Dr. Norris)
Mr. Osborne)

That new courses and course changes recommended by the School of Physical Education and Recreation be approved.

Carried

It was noted that the title of PHED 364 had been changed from "Psychology of Sport" to "Psychological Foundations of Sport and Physical Activity". An addition to the description of PHED 469 was also noted.

Wednesday, February 20, 1974.

Reports of Committees of Senate

Curriculum Committee (continued)

School of Social Work (See Appendix 'B')

Dr. Norris)
Dean Kenny)

That course and curriculum changes recommended by the School of Social Work be approved.

Carried

New Program leading to Bachelor of Social Work degree (B.S.W.)

In the report circulated to Senate it was stated that the proposed B.S.W. program had two main educational objectives: (i) to provide students with the knowledge and skills necessary for professional practice in social work, and (ii) to prepare selected students for entry into more advanced professional studies at the graduate level appropriate to such social work functions as consultation, policy development and program planning, research, and administration.

Admission to the program would normally follow completion of the first two years of the Bachelor of Arts program at The University of British Columbia, or its equivalent at another university or community college.

The applicant to the B.S.W. program would be required:

(a) to have achieved at least 65% average during the academic year (or equivalent) preceding application for admission

(b) to have completed at least three units of course work in each of two areas of knowledge subsumed under the broad headings of Social Issues and Problems in Contemporary Perspective; and Dynamics of Human Behaviour, Individual or Collective; and

Wednesday, February 20, 1974.

Reports of Committees of Senate

Curriculum Committee

School of Social Work

New Program leading to Bachelor of Social Work degree (B.S.W.) (continued)

(c) to demonstrate to the satisfaction of the School personal potential and suitability for a career in social work.

It was noted that the deadline date had been changed from April 30 to May 30 for the 1974-75 Academic Year only.

Dr. Norris)
Dean Kenny)

That the proposal of the School of Social Work to offer a new program leading to the degree of Bachelor of Social Work (B.S.W.) be approved.

Following a brief discussion the motion was put and carried.

Dr. Norris)
Dean Kenny)

That new courses for the B.S.W. program be approved. (See Appendix 'B')

Carried

Nominating Committee

Membership of Committee on Enrolment of Women Undergraduate and Graduate Students (P.6040-1)

Dr. Bourne presented the report. The committee had been requested to recommend membership for a committee to discover ways of increasing the enrolment of women undergraduate and graduate students in the courses of all departments, faculties and schools and to present at least an interim report by the October 1974 meeting.

Wednesday, February 20, 1974.

Reports of Committees of Senate

Nominating Committee

Membership of Committee on Enrolment of Women Undergraduate and Graduate Students (P.6040-1) (continued)

The following membership had been recommended by the committee:

Ms. B. G. Errington	Dr. L. Kraintz
Dean J. A. F. Gardner	Ms. S. H. M. Smaill
Miss W. J. Hudson	Mrs. H. W. Sonthoff

Dr. Bourne explained that Mrs. Sonthoff had requested that her name be deleted from the list since she would be on leave-of-absence from June 1974. It was agreed that the Nominating Committee be given the power to select another member and advise Senate later.

Dr. Bourne)
Dr. Norris) *That the recommendations of the Nominating Committee be approved.*

Carried

Ad hoc Committee on The Role and Organization of Senate

Student membership on Senate - eligibility regulations

The following amendments to the A.M.S. Code recommended by the Students' Council had been referred to the committee:-

Article 7 (6) & (7)

(6) Undergraduate nominees for the position of student senator must have completed a winter session program of studies at U.B.C. Graduate students nominated for a student senator must have been granted clear admission to the Faculty of Graduate Studies and be enrolled in that Faculty.

Wednesday, February 20, 1974.

Reports of Committees of Senate

Ad hoc Committee on The Role and Organization of Senate

Student Membership on Senate - eligibility regulations

Article 7 (6) & (7) (continued)

(7) A student senator must continue to attend a winter session in the Faculty in which he/she is registered at U.B.C. to retain his/her office.

That Article 7 (13) be added to the A.M.S. Code:

(13) Any elected student senator may be recalled by a petition signed by no less than 10% of the currently active members of the constituency from which he/she was elected.

It was explained in the report that the effect of the proposal to amend Article 7 (6) and (7) would be as follows:

(1) the second class standing would be repealed;

(2) anyone who has completed a three unit course in a winter session at U.B.C. and is enrolled in a similar program would be eligible and must continue to be so enrolled to remain eligible; and

(3) any graduate student would be eligible without any conditions.

Referring to item (2) the committee felt that the requirement should be changed to: "Undergraduate nominees for the position must have passed at least nine units of a winter session programme of studies at U.B.C. ...".

Referring to the addition to Article 7 of paragraph (13) it was stated in the report that the committee recognized that the Universities Act did not give Senate the power to interfere with the rights of members

Wednesday, February 20, 1974.

Reports of Committees of Senate

Ad hoc Committee on The Role and Organization of Senate

Student Membership on Senate - eligibility regulations (continued)

of Senate to hold office for a period of three years and therefore recommended that Senate take no action on this proposal.

Dr. Bourne)
Dr. Bongie) *That Article 7 paragraph (6) and (7) be amended to read:-*

"(6) Undergraduate nominees for the position of student senator must have passed at least nine units of a winter session program of studies at U.B.C. Graduate students nominated for a student senator must have been granted admission to the Faculty of Graduate Studies and be enrolled in that Faculty. Nominees for student senator representing a constituency must be registered in the constituency in which they are seeking office. Should a candidate be elected as a constituency's senator, and later change Faculties, he/she shall retain his/her seat for the remainder of his/her term so long as he/she remains otherwise eligible.

(7) A student senator must continue to carry satisfactorily at least nine units of a winter session program in the Faculty in which he/she is registered at the University of British Columbia in order to retain his/her office."

It was pointed out that if the intention of the amendment by the A.M.S. was to alllow for the participation of part-time students this

Wednesday, February 20, 1974.

Reports of Committees of Senate

Ad hoc Committee on The Role and Organization of Senate

Student Membership on Senate - eligibility regulations (continued)

would be prevented by the inclusion of the proviso that the student must have passed at least nine units.

In amendment:

Dr. D. G. Brown)
Dr. Dennison)

That the motion be amended to read:-

"(6) Undergraduate nominees for the position of student senator must have passed at least three units ... ".

Referring to the phrase "must have passed at least three units of a winter session program ... " a query was raised concerning whether this meant in one winter session.

Dean Cowan)
Mr. Osborne)

That the motion be referred back to the committee for clarification.

Carried

Mr. Insley)
Dean Shaw)

That the report be referred back to the committee for clarification.

Carried

Review of the original report on The Role and Organization of Senate

Dr. Bourne presented the report, the basic recommendations of which were:

1. That the standing committees of Senate be as listed. (See Appendix 'C' Senate Minutes)

Wednesday, February 20, 1974.

Reports of Committees of Senate

Ad hoc Committee on The Role and Organization of Senate

Review of the original report on The Role and Organization of Senate (continued)

2. That the Agenda Committee should attempt to promote more discussion of questions of general University policy and should also attempt to limit discussion of tedious routine matters.

3. That Senate establish a Budget Committee with the terms of reference and the composition as listed. (See Appendix 'C' Senate Minutes)

4. That a more complete financial statement of the University be circulated to Senate each year.

5. That the proposals concerning the election of members of the Nominating Committee and the co-optation of persons to Senate committees be as listed. (See Appendix 'C' Senate Minutes)

6. That, unless otherwise provided, the Nominating Committee shall recommend to Senate the size of a committee.

7. That Senate adopt a standing rule that its evening meetings adjourn not later than 10.30 p.m.

8. That the University publish a Handbook on the Organization and Procedures of Senate, which should contain (a) at least the sections of the Universities Act relating to Senate matters, if not the entire Act, and (b) a description of the organization and procedures of Senate, including the list of standing committees and their terms of reference, and that on their election or appointment to Senate members of Senate be given this Handbook together with information about ad hoc committees of Senate and with copies of appropriate recent committee reports relating to the general policy and functions of Senate.

9. That the Chairman of Senate be requested to provide some opportunity for members of Senate to meet each other and talk informally, preferably at least once a year but certainly near the beginning of the term of a new Senate.

Wednesday, February 20, 1974.

Reports of Committees of Senate

Ad hoc Committee on The Role and Organization of Senate

Review of the original report of The Role and Organization of Senate (continued)

It was noted that with the exception of the Budget Committee the Standing Committees listed were those already in existence. The committee had considered proposals for Standing Committees on Continuing Education and Part-time Education but did not recommend that they be established at this time.

Dr. Bourne Mr. Fields	))	*That Senate establish a Budget Committee.*

Concern was expressed about the composition of the proposed committee. It was suggested that the President and the Deans should not be members. After considerable debate it was suggested that the proposal be referred back to the committee for further consideration with the request that information be sought from the University of Western Ontario and from Trent University regarding their experiences, before the committee presents a revised proposal to Senate.

Dean Bates Dr. Ross	))	*That the proposal to establish a Budget Committee be referred back to the committee.*

Carried

It was also agreed that item 4 concerning the circulation of a more complete financial statement of the University be referred back.

Wednesday, February 20, 1974.

Reports of Committees of Senate

Ad hoc Committee on The Role and Organization of Senate

Review of the original report of The Role and Organization of Senate (continued)

Dr. Bourne)
Dean Cowan) *That all other recommendations be approved.*

In amendment:

Dr. Kubicek)
Mr. Robinson) *That a section (c) be added to item 8 which would read:-*

"there would be included a succinct set of rules of order pertinent to Senate's needs".

The amendment was carried, 22:19.

In amendment:

Mr. McEwen)
Dr. Bongie) *That the Academic Planner remain an ex officio member of the Academic Building Needs Committee.*

Carried

The motion with amendments was put and carried.

Ad hoc Committee on Student Membership in Faculties

Student Representation in Departments

Dr. Webber presented the following report:-

"A large number of departments and schools have provided the Committee with information concerning their present or proposed practices for involving students in appropriate departmental affairs. This information may be summarized as follows:

(1) There is a very wide range of variation amongst departments as to their administrative arrangements.

(2) Many departments have what appear to be highly satisfactory arrangements for involvement of students.

Wednesday, February 20. 1974.

Reports of Committees of Senate

Ad hoc Committee on Student Membership in Faculties

Student Representation in Departments (continued)

"(3) There is a general concern by departments that arbitrary decisions not be made which would require them to change existing satisfactory arrangements.

In light of these considerations, the Committee recommends as follows:

(1) That where satisfactory arrangements for student participation do not now exist at the departmental level, departments be asked to develop such arrangements in conformity with the principles approved by Senate on January 17, 1973. Where such arrangements are mutually satisfactory to the Department and students concerned, no further action would appear to be necessary.

(2) That a mechanism should be established for students or faculty to appeal the manner in which departments are providing for student representation. In the first instance, such an appeal should go to the Dean of the Faculty concerned. He may wish to handle such appeals himself or to set up a Student/Faculty Liaison Committee in the Faculty to recommend solutions to such problems. If they are not resolved at the faculty level there should be an opportunity ultimately for appeal to Senate although we would hope that the necessity for such appeals would be rare.

(3) That departments which have not established mechanisms for student participation consider the following arrangements:

(a) In small departments it may be sufficient to hold periodic department meetings with student representatives to deal with matters such as curriculum and course and teaching evaluations.

(b) In medium-sized departments which have a committee structure students in addition to representation at appropriate departmental meetings should also be represented on departmental committees concerned with matters not excluded by Senate.

Wednesday, February 20, 1974.

Reports of Committees of Senate

Ad hoc Committee on Student Membership in Faculties

Student Representation in Departments (continued)

" (c) In large departments similar arrangements would apply but it may also be desirable to have a Standing Student/ Faculty Liaison Committee which could deal with problems as they arise and make recommendations to the department and the head.

(4) That the Committee now be discharged."

Dr. Webber)
Dean Riedel) *That Senate approve Recommendations (1), (2), (3) and (4).*

Carried

The committee was discharged and an expression of thanks was extended to the members.

Report of the Librarian 1972-73

The report of the Librarian had been circulated. It was agreed that discussion of the report be deferred to the March Senate meeting.

Faculty of Arts (See Appendix 'D')

Lists of extra-sessional courses to be offered January-April 1974 and courses to be offered in Intersession 1974 had been circulated for information.

Other Business

Dr. Dennison gave notice of the following motion:-

"That Senate establish a Standing Committee on Continuing Education."

Wednesday, February 20, 1974.

Tributes Committee

Dr. McGregor presented the report of the Tributes Committee. Members of the gallery were asked to leave.

(P. 6107 - THIS SECTION OF THE MINUTES IS NOT BEING CIRCULATED)

The meeting adjourned at 10.30 p.m.

The next regular meeting of Senate will be held on Wednesday, March 20, 1974.

Secretary

Confirmed,

Chairman

Wednesday, February 20, 1974.

Tributes Committee

Dr. McGregor presented the report of the Tributes Committee. Members of the gallery were asked to leave.

The following memorial statement had been prepared in accordance with the custom of Senate in recognition by the University and the Senate of the late Merton Yarwood Williams.

IN MEMORIAM

MERTON YARWOOD WILLIAMS

M. Y. Williams, Professor Emeritus of Geology, died February 3, 1974, in his ninety-first year. Born in Ontario, he was educated at Queen's and Yale; he taught in the public schools of Ontario and at both his universities before joining the Faculty of The University of British Columbia in 1921. He helped to build the Department of Geology and Geography, of which he served as Head from 1936 to 1950, and he was among the pioneers in the development of the resources of British Columbia. He spent twelve years as a member of Senate. A Fellow of the Royal Society of Canada, he was honoured by election to the presidency of this body for the year 1960-61. Although he retired from his professorship in 1950, he maintained his contributions to geological scholarship and to the life of his department. A familiar and spritely figure on the campus until very recently, he was regarded with deep affection by all who knew him, colleagues, friends, and students. Few have equalled his devotion to scholarship and education at The University of British Columbia, which recognised its debt by the award of an honorary degree in May, 1972. His was an enviable career.

Dr. McGregor)
Dean Kenny)

That this Memorial Statement be spread on the minutes of Senate and that a copy be sent to close relatives.

Carried

Wednesday, February 20, 1974.

The meeting adjourned at 10.30 p.m.

The next regular meeting of Senate will be held on Wednesday, March 20, 1974.

Secretary

Confirmed,

Chairman

Wednesday, February 20, 1974.

APPENDIX 'A'

New Awards Recommended to Senate

The John D. Beaty Memorial Scholarship - As a memorial to John David Beaty (B.A.Sc., U.B.C., 1941) and as a tribute to his fine personal qualities, his outstanding service to the community, and his keen interest in young people, this scholarship has been established by Gregory Industries Ltd. In the amount of $500 annually, it will be available to undergraduates continuing studies in the Third or Fourth Year of Forestry, or in Engineering or Commerce for those who have a strong interest in forestry. The award will be made on the recommendation of Faculty to a student selected on the basis of exceptional qualities of character, high academic standing, and special achievement in University and Community activities and in problems related to Forestry.

The Dr. Harold L. Chambers Memorial Scholarship in Urology - This fund, established by his Partners of the Seymour Medical Clinic in tribute to Dr. Harold L. Chambers, provides an annual scholarship for an undergraduate medical student who has shown interest and proficiency in the field of Urology. This award will be made on the recommendation of the Division of Urology of the Department of Surgery.

The Joan Livesey Award in French-Canadian Literature - As a tribute to her daughter, Joan Livesey, deceased August 18, 1973, Adelia Livesey has established a book prize of approximately $60 to be awarded annually to a graduating student for outstanding work in French-Canadian Literature, on the recommendation of the Department of French.

The Dr. C.D. Orchard Memorial Fellowship in Forest Management - A fellowship of $1,100 - $1,200 to be awarded to a graduate student proceeding to a Master's or Ph.D. degree emphasizing the silvicultural aspects of management. The fellowship is provided annually in memory of Dr. C.D. Orchard, a leader in the development of sustained yield forestry in British Columbia. The donors are the Council of Forest Industries, the Canadian Institute of Forestry, the Association of British Columbia Professional Foresters, the Truck Loggers Association, the Cariboo Lumber Manufacturers Association and his friends and associates.

Wednesday, February 20, 1974.

APPENDIX 'A'

New Awards Recommended to Senate (continued)

The Francis Reif Scholarship in Asian Art - A scholarship in the amount of approximately $300 has been made available to celebrate the sixtieth birthday of Francis Reif by his wife and sons. The award will be made to a student of Asian Art or Art History on the recommendation of the Department of Fine Arts. In making the award, consideration will be given to the financial circumstances of the recipient.

The Leslie Ann Whitcutt Memorial Fund - This fund was established as a memorial to Leslie Anne Whitcutt (B.A., U.B.C., 1973) by her parents. The annual income will be used to provide financial assistance for blind students at the University who require special equipment related to their studies. Grants will be made on the recommendation of the Head of the Crane Library.

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

A = new courses or substantial changes
B = minor changes (approved unless otherwise indicated)

FACULTY OF ARTS

Anthropology and Sociology

B	Change	Anthropology 325 - deletion of prerequisite Statistics

English

B	Change	English 305 - change in unit value

German

A	New courses	German 423 (3) Advanced Translation and Composition
		Germanic Studies 302 (3) Elementary Swedish - Introduction to the Language

Political Science

B	Change	Political Science 314 - change in unit value

Psychology

B	Changes	Psychology 409, 413 and 416 - title and description changes

The following new course is to be added to the list of courses offered in other Faculties and acceptable for credit in the Faculty of Arts:

A	Geological Sciences 310 (3)	Canadian Geology - Our Environment and Resources

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals (continued)

FACULTY OF EDUCATION

Secondary Division

A Changes:

Major in Earth and Space Science

First and Second Years:

Geology 107*	(3)
Biology 101 or 102	(3)
Chemistry 103 or 110 or 120	(3)
Physics 105 or 110 115 or 120	(3)
Mathematics 100 and 121	(3)
	15

* Geology 105 or Geography 101 may be substituted with permission from the department.

Second, Third or Fourth Years:

Astronomy 200	(3)
Geography 212	(1½)
Geology 307	(1½)
Geology 327	(1½)
Geology 417	(1½)
Oceanography 400	(1)
	10

And a minimum of 8 units from the following:

Astronomy: 320 (3), 421 and 431 (2)

Geography: 213 (1½), 310 (1½), 313 (1½), 370 (1½), 379 (1½), 417 (1½) 366 (3)

Geology: 216 (1½), 226 (1½), 312 (1), 314 (1½), 322 (3)

Geophysics: 201 (3), 302 (3), 400 (3), 403 (1)

Oceanography: 401 (1), 402 (1), 404 (1)

Soil Science: 200 (1½), or 300 (1½), 301 (1½)

Geophysics 201 (3) and Soil Science 300 (1½) are strongly recommended.

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division (continued)

Major in Home Economics

Home Economics Concentration

Alternative streams in Second Year of both the Major and the Concentration have been provided by the addition by the School of Home Economics of three new courses: - Home Economics 207 (3) Foods, 204 (1½) Textiles, and 209 (1½) Nutrition. (N.B. Chemistry 12 or Chemistry 103 strongly recommended).

Students electing the Home Economics Major or Concentration must include Economics 100 in their program. Those who follow the Home Economics 207, 204 and 209 sequence must have taken Chemistry 11 and Mathematics 11 or the equivalent before admission, or acquire the equivalent in their first year. Those who follow the Home Economics 201, 202, 203 sequence must include in their program a first year course in Chemistry (103, 110 or 120) and Chemistry 230.

Senior Years - HMEC 342 and 343 are strongly recommended. Only one of English at the 200-level or 303 need be taken.

Programs in Business Education

* Business Education Major

First and Second Years: - Education 175, Commerce 151/190, Economics 100 and Geography 100

Note: Students are advised that some Commerce elective courses require Mathematics 130 or Mathematics 100 and 121.

Senior Years: - Commerce 252, 331, 375; 3 units Senior Commerce Elective plus one of Education 174 and 374; or Commerce 391 and 356 and Education 377; or Commerce 261 and Commerce 362 or 363 or 364, and Education 378.

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division

Programs in Business Education (continued)

* Business Education (Distributive Education) Concentration

First and Second Years: - Education 175 and Commerce 151/190; one of Economics 100, Geography 100, or Education 174.

Senior Years: - Commerce 261, 331, 362 or 363 or 364, 375; Education 378.

* The change is requested by the present Commerce Education Department, who wish the name to be changed to Business Education Department.

Under the proposed program, the student would specialize in one of four major teaching areas in Business Education with a working competency in a second. The four areas are: Commerce, Data Processing, Secretarial and Distributive Education.

A New Courses in Business Education

EDUC 174 (1½)	Principles and Problems of Teaching Pitman New Basic Shorthand
175 (1½)	Principles and Problems in Typewriting Instruction
377 (1½)	Systems - Data Processing
378 (1½)	Distributive Education

B Changes: EDUC 404 - change in description only

Art Education

Changes in course sequence.

B Course Changes: EDUC 430 - change in description only
EDUC 426 - change in title and description; now reads: Education 426 (1½) The Role of the Teacher in Guidance

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Secondary Division

Art Education

B (continued)

EDUC 434 - prerequisites changed to - EDUC 301 or 311
EDUC 465 - change in unit value to (1-3) change in description

Elementary Division

A New Courses:

EDUC 471 (3) Diagnosis and Remediation in Elementary School Mathematics
MUED 104 (1) Classroom Melody Instruments
MUED 105 (1) Classroom Accompanying Instruments
MUED 400 (1) Method Studies in Music Education

A Social Studies Major (Professional)

New major: Education 402
3 units of senior courses in: Anthropology, Asian Studies, Classical Studies, Economics, Geography, History, History of Fine Arts, History of Music, Philosophy, Political Science, Sociology.
3 units from: Education 380, 389, 405, 414, 425, 473, 479, 494, 496.

B General Course Changes:

EDUC 322 - change in title and deletion of description; now reads; EDUC 322 (1½) Curriculum and Instruction in Social Studies in the Elementary School
EDUC 370 - change in description and hours
371 - change in description and hours
372 - change in prerequisites
373 - change in prerequisites
421 - change in unit value and description; now (1½ or 3)
431 - change in title, now reads: EDUC 431 (1½-3) Learning Disabilities
478 - minor change in prerequisites

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF EDUCATION

Elementary Division

B General Course Changes: (continued)

EDUC 480 - change in title; now reads: EDUC 480 (1½ or 3) Advanced Studies in the Language Arts in the Elementary Grades

486 - change in title and description; now reads: EDUC 486 (1½) Developing Oral Language in the Classroom

488 - change in title and description; now reads: EDUC 488 (1½) Mathematics Education (Elementary)

ENGL 311 - change in description only

MUED 101 - change in hours to (3-2; 3-2)

MUED 201 - change in hours to (3-2; 3-2)

THTR 301 - change in title and description; now reads: THTR 301 (3) An Introduction to Developmental Drama in Education

B Change in terminology:

Academic Major changed to Academic Concentration
Professional Major changed to Professional Concentration
Double Major changed to Major

FACULTY OF FORESTRY

A Change: Field Instruction in Forestry:
Forestry 163 (1) Basic Forest Surveying to replace Forestry 251 (1½) Field Work in Forest Surveying

Forestry 251 (1) Field Work will not be offered until September 1975

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF FORESTRY (continued)

B Changes: Forestry 204 - change in unit value and hours

First and Second Year courses - move core courses Economics 100 and Geography 214 from Second Year to First Year, thereby increasing the units of electives in Second Year by 4½.

Forestry 430 - change in description

Delete Forestry 401

A New Courses: Forestry 431 (1½) Sampling Methods
421 (1½) Forest Industrial Pollution and Control

FACULTY OF GRADUATE STUDIES

Architecture

A Change: Architecture 505 - change in title and description

A New course: Architecture 512 (1½-3) Urban Design: Advanced Design Project

Botany

B Change: Botany 520 - change in title

Civil Engineering

A New course: Civil Engineering 538 (1) Advanced Topics in the Finite Element Method
555 (1) Analysis of Civil Engineering System
559 (1) Topics in Advanced Waste Treatment

B Changes: Civil Engineering 547 - change in title and description
554 - change in title
533 - change in unit value

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF GRADUATE STUDIES

Civil Engineering (continued)

A Changes: Civil Engineering 556 - change in number, title and description
569 - change in title and description

Education

B Changes: Educational Psychology 536 - change in title and description
Education 547 and 548 - change in description
Education 549 - change in title and description

A New course: Education 535 (3) Assessment and Interpretative Processes in School Psychology

Electrical Engineering

A Change: Electrical Engineering 553 - change in title, description, units and hours

B Change: Electrical Engineering 554 - change in number

A Changes: Electrical Engineering 589 - change in title and description
592 - change in description, number, title, units and hours
594 - change in description, number, title, units and hours

Delete Electrical Engineering 569 (replaced by E.E. 592 and 594)

B Change: Electrical Engineering 583 - change in units and hours

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF GRADUATE STUDIES (continued)

French

A Deletion: French 517

Geography

B Change: Geography 510 - change in title

Geology

A New course: Geology 562 (1½) Advanced Groundwater Hydrology

German

A New course: German 616 (1½-3) Seminar in Literary History

Health Care and Epidemiology

A Change: HC/E 503 - change in description and unit value

A New course: HC/E 548 (1½-3) Directed Studies

Home Economics

A New course: Human Nutrition 519 (1½) Assessment of Nutritional Status

Linguistics

A New course: Linguistics 533 (1½-3) Indian Languages of the Northwest

Mathematics

A New course: Mathematics 529 (3) Mathematical Logic

Mechanical Engineering

B Change: Mechanical Engineering 553 - change in unit value
and 554
568 - change in description

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF GRADUATE STUDIES (continued)

Microbiology

A Change: Microbiology 502 - change in title and description

Physics

A New course: Physics 524 (2) Non-equilibrium Thermodynamics

Plant Science

B Change: Plant Science 500 - change in title and description

Slavonics

A New course: Russian 519 (1½ or 3) Topics in Slavic Linguistics

B Change Russian 502 - change in title

Zoology

A Deletion: Zoology 520

SCHOOL OF HOME ECONOMICS

B Changes: Human Nutrition Program - Home Economics 301 and Commerce 359 no longer required. Commerce 221 is now a required course.

Home Economics 407 - change in unit value and hours

Deletions: 409 and 464

FACULTY OF LAW

A New courses: Law 463 (1½) Corporate Social Responsibility
234 (1) Immigration Law

B Change: Law 239 - change in unit value (now 2 or 1½)

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals (continued)

SCHOOL OF LIBRARIANSHIP

A New courses:

- L.662 (1½) Analytical bibliography
- L.663 (1½) Descriptive bibliography
- L.664 (1½) Application of bibliography to textual studies
- L.661 (1½) Historical Bibliography
- L.632 (1½) The Book Arts
- L.610 (1½) Literature for Children
- L.611 (1½) Contemporary Literature for Children
- L.608 (1½) Legal bibliography and information services
- L.604 (1½) Adult Services

A Deletions: L.607 and L.624

SCHOOL OF NURSING

B Changes: "D" Program - Second Year
The requirement "English at the 200 level or an alternative course approved by Advisor" to be changed to "Free elective - 3 units"

Deletions: Nursing 150, 156, 158, 189, 267 and 280.

FACULTY OF PHARMACEUTICAL SCIENCES

A Requirement: English 301 to be a required course for the first Year Pharmacy curriculum

B Elective: Third Year - English 302 recommended elective

Pharmaceutics

B Change: Pharmacy 416 - change in unit value and hours

Pharmacology

B Changes: Pharmacy 340, 440, 444 - change in description

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF PHARMACEUTICAL SCIENCES (continued)

Clinical Pharmacy

A New course: Pharmacy 405 (3) Problems in Clinical Pharmacy

B Changes: Pharmacy 401 - change in title and description
402 - change in title, units and hours
403 - change in unit value, hours, title and description
404 - change in unit value, hours, title and description

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

B Changes: PHED 201 and 202 - change in title and description
PHED 304 - change in number, title and description
PHED 301 - change in title and description
PHED 303 - change in number, title and description
PHED 330 - change in description

A New Courses: PHED 364 (1½) Psychological Foundations of Sport and Physical Activity
PHED 469 (1½) Exercise Management
PHED 426 (1) Badminton and Tennis Coaching
PHED 428 (1) Figure Skating Coaching

Recreation

A New courses: Recreation 397 (1½) The Recreation Program
497 (1½) Analysis of Current Issues and Problems in Recreational Service

SCHOOL OF SOCIAL WORK

A Deletion: Social Work 609

B Changes: Social Work 501, 502, 503, 504, 505 and 506 - change in unit value

Wednesday, February 20, 1974.

APPENDIX 'B'

Course and Curriculum Proposals

SCHOOL OF SOCIAL WORK (continued)

A New courses for the B.S.W. Program:

Social Work	300 (3)	Canadian Social Services I
	310 (6)	Social Work Intervention I
	400 (1½)	Canadian Social Services II
	410 (6)	Social Work Intervention IIA
	415 (6)	Social Work Intervention IIB
	420 (1½)	Social Work Research
	425 (1½)	Social Work Research Methodology
	430 (1½-3)	Special Studies in Social Work

Wednesday, February 20, 1974.

APPENDIX 'C'

SENATE COMMITTEES

A. Standing Committees

1. Academic Building Needs

Terms of Reference

To recommend priorities on new academic buildings, to determine how the needs for academic and non-academic buildings are related, and to consider such matters as the proper balance of large and small lecture rooms and laboratories.

Composition

(a) Six members of Senate, two of them being students, elected by Senate.

(b) Four members of Senate appointed by the President.

(The Academic Planner - ex officio)

2. Admissions

Terms of Reference

(a) To examine and rule upon applications for admission that are not clearly resolvable under the regulations governing admission and to review and rule on appeals related to admission or re-admission to the University.

(b) To consider and review admissions policy, to review performance in relation to admissions policy, and to make recommendations to Senate.

3. Agenda

Terms of Reference

(a) To prepare an agenda for Senate meetings.

(b) To initiate discussion by Senate of matters of academic policy and to prepare material for information of Senate relating to such discussion.

(c) To discuss matters referred to it by Senate or by the Chairman of Senate for report to Senate.

APPENDIX 'C'

SENATE COMMITTEES (continued)

4. Appeals on Academic Standing

Terms of Reference

To inquire into all appeals to Senate on academic standing and to report thereon to Senate.

* 5. Budget

Terms of Reference

To advise the President on matters concerning the budget of the University.

Composition

(a) President

(b) Two Deans elected by the Deans.

(c) Three members of Senate elected by the Senate.

(Deputy President and Bursar in an advisory capacity.)

* The proposal to establish a Budget Committee was referred back to the Committee on the Role and Organization of Senate

6. Curriculum

Terms of Reference

(a) To consider proposals from faculties for changes, additions or deletions of courses and for new programmes of study, new academic organization and new degrees, and to make recommendations thereon to Senate.

(b) To recommend, where appropriate, an order of priority for the implementation of the recommendations of the Committee.

Composition

(a) Thirteen members of Senate, including four student members and at least two Convocation members, elected by Senate.

(b) The Chairmen of Faculty Curriculum Committees or their representatives.

APPENDIX 'C'

SENATE COMMITTEES (continued)

Subcommittee on New Programmes

The Curriculum Committee shall establish a standing subcommittee to consider all new programmes and substantial changes in existing programmes and to report to it.

7. Nominating

Terms of Reference

To nominate the elected membership of all Senate committees unless Senate otherwise provides, and to recommend the size of each committee.

Composition

(a) The Committee shall consist of ten members of Senate, two of whom shall be student members and two non-faculty, non-student members.

(b) The Secretary of Senate shall call for nominations to this Committee before the first meeting of a newly constituted Senate and shall include the names of those nominated in the notice calling this meeting.

(c) The Committee shall be elected by written ballot at the first meeting of a newly constituted Senate.

(d) The Committee shall elect its own Chairman, the first meeting being convened by the Secretary of Senate.

(e) When a vacancy occurs in the Nominating Committee, the Senate shall elect a member of Senate to fill it.

Procedure

(a) A member of Senate is entitled to suggest to the Nominating Committee the names of individuals who might be nominated for particular committees.

(b) Reports of the Nominating Committee shall be sent to members of Senate along with the Senate agenda.

APPENDIX 'C'

SENATE COMMITTEES

7. Nominating

Procedure (continued)

(c) Additional nominations may be made from the floor of Senate, provided the consent of the nominees has been obtained.

(d) When a vacancy occurs or is expected to occur on a committee, or when a committee wishes to add to its members, the Chairman of that committee shall notify without delay the Chairman of the Nominating Committee.

8. Tributes

Terms of Reference

(a) To consider persons who are suggested to the committee for honorary degrees or whom it considers to be suitable recipients of honorary degrees, and to make recommendations to Senate.

(b) To recommend to Senate emeritus status in appropriate cases.

(c) To prepare a statement regarding deceased members of Senate to be recorded in the minutes.

9. University Library

Terms of Reference

(a) To advise and assist the Librarian in:

(i) formulating a policy for the development of resources for instruction and research;

(ii) advising on the allocation of book funds to the fields of instruction and research;

(iii) developing a general program of library service for all the interests of the University; and

Wednesday, February 20, 1974.

APPENDIX 'C'

SENATE COMMITTEES

9. University Library

(a) (continued)

(iv) keeping himself informed about the library needs of instructional and research staffs, and keeping the academic community informed about the library;

(b) To report to Senate on matters of policy under discussion by the Committee.

B. Size and Composition of Senate Committees

1. Unless otherwise provided the Nominating Committee shall recommend to Senate the size of a committee.

2. The Chancellor, President, and Registrar shall be ex officio members of all committees.

Wednesday, February 20, 1974.

APPENDIX 'D'

FACULTY OF ARTS

Extra-sessional credit course proposals January-April 1974

French	306	French Phonetics
English	201	A Survey of English Literature from Chaucer to 1914
	321	Approaches to Poetry
	341	The English Novel from Joseph Conrad to the Present
	365	Shakespeare
	452 (1½)	Studies in American Literature
Sociology	210	Canadian Social Issues
	220	Sociology of Life-Styles
Political Science	200 (1½)	Canadian Government

Courses to be offered in Intersession 1974

Anthropology	200	Introduction to Social Organization
	306	Summer Field Training in Archaeology
	430*	Theory and Programmes of Social Change
Asian Studies	325	Chinese Philosophy
Creative Writing	202	Creative Forms
Economics	100	Principles of Economics
	301 (1½)	Intermediate Microeconomic Analysis
	302 (1½)	Intermediate Macroeconomic Analysis
	490	Applied Economics
English	100	Literature and Composition
	201	A Survey of English Literature from Chaucer to 1914
	303	English Composition (3 sections)
	311	Children's Literature (arranged by the Faculty of Education)
	365	Shakespeare
	365**	Shakespeare (London)
	390	A Survey of English Literature of the 19th Century

Wednesday, February 20, 1974.

APPENDIX 'D'

FACULTY OF ARTS

Courses to be offered in Intersession 1974 (continued)

Fine Arts	125	History of Western Art
	181	Studio I
	397**	Directed Study Abroad (Florence)
	397**	Directed Study Abroad (London)
	397**	Directed Study Abroad (Paris)
French	110	First-Year French
	400	A Survey of French Literature in Translation
German	430	German for Reading Knowledge
History	329	The Social Development of Canada
	429	History of the American West
Italian	100	First-Year Italian
Linguistics	420	Introduction to Linguistic Problems
Philosophy	100	Introduction to Philosophy
	317	Philosophy of Religion
	410	Philosophical Problems
Political Science	407	American Politics and Government
Psychology	100	Introductory Psychology
	200	Experimental Psychology
	305	Theory of Personality
	311	Individual Differences
	316	Methods in Research
	409	Cognitive Processes
Sociology	270	Introduction to Comparative Social Institutions
	462*	Social Change
Spanish	100	First-Year Spanish
	200	Second-Year Spanish
Theatre	333	Introduction to Film Production

* Cross-listed: Anthropology 430/Sociology 462

** Directed Study Abroad