The fourth regular meeting of the Senate of the University of British Columbia for the Session 1966-67 was held on Wednesday, May 24, 1967 at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: President John B. Macdonald (Chairman), Dean W. M. Armstrong, Dr. C. S. Belshaw, Mr. R. M. Bibbs, Dr. M. Bloom, Mr. C. B. Bourne, Mr. F. K. Bowers, Mr. D. M. Brousson, Mr. W. T. Brown, Mr. F. J. Cairnie, Mr. C. M. Campbell Jr., Dr. R. M. Clark, Dean I. McTaggart-Cowan, Dean G. F. Curtis, Dean B. C. Eagles, Dr. W. D. Finn, Dr. S. M. Friedman, Dean W. H. Gage, Dean J.A.F. Gardner, Dr. W. C. Gibson, Mr. J. Guthrie, Dr. N. A. Hall, Dean D.M. Healy, Dr. J. A. Jacobs, Dr. D. T. Kenny, Dr. P. Larkin, Rev. E. C. Lebel, Dean S. Wah Leung, Dr. K. M. Lysyk, Dean Helen McCrae, Dean J. F. McCreary, Mr. Justice J. A. Macdonald, Dr. C. A. McDowell, Dr. J. R. McIntosh, Mrs. H. J. MacKay, Mr. D. F. Manders, Dean A. W. Matthews, Mr. John R. Meredith, Dr. Finlay A. Morrison, Dr. J. M. Norris, Dr. A. J. Renney, Mr. J. V. Rogers, Dr. G. Rosenbluth, Dean N. V. Scarfe, Dr. A. D. Scott, Dr. J. H. G. Smith, Mr. E. D. Sutcliffe, Dr. G. H. N. Towers, Mrs. B. E. Wales, Dr. H. V. Warren, Dr. W. A. Webber, Dean P. H. White, Mr. D. R. Williams, Dr. S. H. Zbarsky.

Visitors: Mr. G. R. Selman, Mr. A. Myers, Mr. J. Banham, Mrs. C. Buckland.

Messages of regret for their inability to attend were received from Chancellor J. M. Buchanan, Mr. D. A. Freeman, The Hon. Howard C. Green, Dr. W. S. Hoar, Dr. H. L. Keenleyside, Mr. D. F. Miller, Dean V. J. Okulitch, Dr. G. J. Parfitt, Mr. R. F. Sharp, Dr. M. W. Steinberg, Dr. R. W. Stewart, Mr. B. Stuart-Stubbs, Rev. W. S. Taylor.

Minutes of Previous Meeting.

Dean Gage)
Dean Cowan) That the minutes of the third regular meeting of Senate for the Session 1966-67 held on February 15, 1967, having been circulated, be taken as read and adopted.

Carried

Senate Membership

Notification of the reappointment by the Lieutenant-Governor in Council of Dr. R. F. Sharp and Mr. W. T. Brown for a period of three years ending March 1970 was received for information.

Business Arising from the Minutes of the Previous Meeting.

The Chairman reported that a Committee had been struck to investigate non-academic impediments to the granting of professional degrees. The Committee, whose members were Dean Curtis, Dean McCreary and Dean Leung, would report their findings to a later meeting of Senate.

Notification of Approval by the Board of Governors of Senate Recommendations

1. That Geography 405 be offered in Mexico in the Summer of 1968.
2. The hood for the Doctor of Dental Medicine Degree.
3. Forestry courses for credit toward B.Sc. Degree.
4. Revision of name of "The Institute of Earth and Planetary Sciences".
5. Extra-Sessional Courses (May-August) to be offered by the Faculty of Arts.
6. Correspondence Course Psychology 206 to be offered by the Faculty of Arts.
7. Programme in Astronomy to be offered by the Faculty of Science.
8. M.Sc. and Ph.D. degrees in Pathology.
9. Master of Applied Science degree in Agricultural Engineering.
10. Master of Science in Nursing.
11. New courses as proposed by the Faculties (Page 3724-42 of Senate Minutes), as modified by the Curriculum Committee of Senate.
12. Diploma Programme in Dental Hygiene.

Reports of Senate Committees

Senate Executive Committee

The Senate Executive Committee had dealt with a number of items on the Agenda and their recommendations had been attached to the relevant papers.

Committee on Role and Organization of Senate

Student Membership on Senate

Dean Gage briefly explained the report of his Committee.

Dean Gage)
Dr. Copp)

That the following recommendations from the Committee on Role and Organization of Senate concerning student membership on Senate be approved:

1. That students have membership on Senate.

2. That at any one time student membership on Senate be not more than four.

3. That of the four student representatives at least one be a student registered in the Faculty of Graduate Studies.

4. That students registered in the Faculty of Graduate Studies elect one of their members, and the remainder of the students elect three representatives from the entire student body.

5. That the election of student Senators be conducted by the Alma Mater Society.

6. That to qualify for candidacy a student, in the academic year most recently taken prior to the election, have taken a full Winter Session programme of studies at this University and attained at least a Second Class standing and

   that to retain eligibility for Senate membership, a student continue to carry satisfactorily a full academic load in a regular Winter Session in the Faculty in which he is registered at this University.

Reports of Senate Committees

Committee on Role and Organization of Senate

Student Membership on Senate (Continued)

7. That the interpretation of the eligibility rules lie with Senate.

It was pointed out that the addition of four students would necessitate adding an additional four members of Faculty to Senate, in accordance with Section 23 (j) of the Universities Act.

Mr. Rogers)
Mr. Manders) That the motion concerning recommendations of the Committee on Role and Organization of Senate on the subject of student membership be tabled.

Defeated

A request was made for recommendations from the Committee on Role and Organization of Senate concerning the composition of Senate, to be available for the next meeting of Senate in September. Dean Gage pointed out that his Committee had not considered investigating the constitution of Senate but rather to study the role and organization of Senate as it existed at the present time.

After further discussion, the motion was carried.

Curriculum Committee

(a) Report on Procedure

It was noted for the information of Senate that the Curriculum Committee had submitted a report entitled

Reports of Senate Committees

Curriculum Committee

Report on Procedure (Continued)

"Proposals for Improving the Effectiveness of Senate in Course Development and Curriculum Changes" which had been passed direct to the Committee on Role and Organization of Senate.

(b) Report on courses and curricula referred by the Executive Committee to the Curriculum Committee

Dr. Hall explained that there had not been sufficient time for consideration to be given to all the items referred to his Committee prior to the meeting of Senate and requested that with the exception of two items, these changes be approved subject to any objections being made by the Curriculum Committee.

Dr. Hall)
Dr. Bowers) That the individual proposals of the Faculties and Schools on new courses, changes in courses and changes in regulations be accepted on condition that no objections are raised to them by the Curriculum Committee of Senate by June 30, 1967.

Members of Senate were asked to communicate with the Curriculum Committee in writing, via the Secretary of Senate if they wished to comment on any of the course proposals.

Dr. Rosenbluth requested a report for the next meeting of Senate on the findings of the Curriculum Committee on

Reports of Senate Committees

Curriculum Committee

(b) Report on courses and curricula referred by the Executives Committee of Senate (Continued)

the various items (see Appendix A.) Dr. Hall agreed to this.

The motion was then carried.

Faculty of Arts

Proposal for changes in the regulations defining requirements for the B.A. degree

Science - Proposal that the compulsory science requirement be dropped.

Dr. Hall explained that the objective of the Faculty of Arts had been to remove the compulsory feature, preferring to rely on encouragement and advice to have students take a science course of a general nature.

Dr. Hall)
Dr. Morrison) That deletion of the compulsory science requirement for students taking the B.A. degree be approved.

Dr. Clark and Dr. Norris were both strongly apposed to the proposal. They and others felt that if some students were given the opportunity to avoid taking a science course they would do so. It was pointed out that the Faculty of Science had produced a number of courses which were of a general educational nature and intended for students who did not wish to take specialized courses in Science.

Reports of Senate Committees

Curriculum Committee

Proposal for changes in the regulations defining requirements for the B.A. degree

Science (Continued)

Mr. Meredith informed Senate that in future the Department of Education would require an additional year of study in science in secondary schools. In previous years a minimum science requirement could have been completed in Grades 9 and 10. He felt that with the new requirement that Grades 11 or 12 Science be taken in Chemistry, Physics or Biology with a requirement of a 60% standing, the danger of students remaining completely illiterate in this field was somewhat diminished.

The subject was further debated. There was general agreement that students in the Faculty of Arts should have some exposure to Science taught at the University level. The motion was then put and defeated.

English Language and Literature

Proposal that in the First Year, either English 100 or Arts I be required, and subsequently (not necessarily in Second Year) at least one additional course in Literature, not necessarily English Literature, be required. (The original requirement had been that both English 100 and 200, courses in Literature and Composition, be completed satisfactorily.)

Reports of Senate Committees

Curriculum Committee

Faculty of Arts

Proposal for changes in the regulations defining requirements for the B.A. degree

English Language and Literature (Continued)

Dr. Hall)
Dean Healy) That the proposal to alter the requirement of English 200 for the B.A. degree be approved.

After considerable discussion it was agreed that a student should be exposed to the benefits of good literature but not necessarily English literature, and that it would give students of different nationalities the opportunity of studying literature in their own language and of their own country. It was made clear, however, that if a student could not manage such a course in another language he would still be required to take English 200.

The Motion was then carried.

Dean White asked that the motion be amended by adding the following: "That for the session 1967-68, the Faculty of Commerce shall have the discretion to prescribe another course in lieu of English 200".

Dean White)
Dr. McDowell) That the amendment be added.

Carried

Reports from Senate Committees

Curriculum Committee

Faculty of Arts

Proposal for changes in the regulations defining requirements for the B.A. degree

Language other than English

(Present requirement: that a language other than English be completed satisfactorily to the Second Year Level.)

Proposed requirements: that a student entering the Faculty following completion of a language other than English to a Grade 12 level be exempt further study of a language other than English; that a student not fulfilling this condition be required to complete either one year of University study in a language taken by the student in Grade 11 or a one-year intensive six-unit beginners' course, or alternatively, two three-unit courses in consecutive years (normally First and Second), in another language.

It was pointed out that although those students with four years of a foreign language in secondary school would not be required to take any further language, a good student who reached Grade 12 for example, in French or Spanish, would have a sound basis from which to develop a reading knowledge of the language.

Mr. Cairnie complained that the task of teaching a compulsory subject was merely being transferred to the high schools. He believed that the proposal tended to penalize

Reports from Senate Committees

Curriculum Committee

Faculty of Arts

Proposal for changes in the regulations defining Requirements for the B.A. degree

Language other than English (Continued)

the student who was weak in French. He proposed that the motion be amended to read:

"That a student entering the Faculty following completion of a language other than English to the Grade 11 level be exempt further study of a language other than English".

The remainder to be deleted.

The amendment was not seconded.

A vote on the motion was called for and the motion was defeated.

Rather than have Senate propose a substitute motion and thereby initiate a change in an Arts programme, it was agreed that the matter be referred back to the Faculty of Arts.

Faculty of Graduate Studies

The Curriculum Committee recommended approval of the following new courses and course changes:

Community and Regional Planning

New :	532	(1½)	Transportation Planning III - Urban Environment and Community Consequences.
	533	(1½)	Transportation Planning IV - Regional and Systems Analysis.
	534	(1-3)	Transportation Research Seminar.
	550	(1-3)	Directed Studies.

Reports from Senate Committees

Curriculum Committee

Faculty of Graduate Studies

Community and Regional Planning (Continued)

Change 522 - course expanded from 1½ to 3 units.

Geology

New 535 (3) Theoretical Chemical Petrology.

Dr. Hall) That the Community and Regional Planning
Dean Cowan) courses from the Faculty of Graduate Studies be approved.

Carried

New Programmes Committee

Proposal for a Faculty of Nursing and Related Health Sciences

The Chairman reported the recommendations of the Executive Committee, and explained that the difficulty was how the proposal would fit into the general concept of the Health Sciences Centre. He further explained that there was already in existence a President's Committee under the chairmanship of Dean Curtis to consider this very problem.

Dean Gage) That the proposal for a Faculty of Nursing
Dean Armstrong) and Related Health Sciences together with the report of the New Programmes Committee, be referred to the President's Committee.

Carried

Reports from Senate Committees

New Programmes Committee

Proposal for a Faculty of Nursing and Related Health Sciences (Continued)

Dr. Belshaw)
Dr. Kenny)

That the President's Committee be requested to report to Senate in respect of the academic implications of their report, prior to submitting a report to the Board.

Carried

Proposal for a Department of Linguistics in the Faculty of Arts

Mr. Bourne spoke briefly on the report of his committee recommending that a Linguistics Department be established.

Mr. Bourne)
Dr. Norris)

That a new Department of Linguistics be established in the Faculty of Arts.

Carried

Proposal to Establish a School of Planning

Mr. Bourne spoke briefly on the recommendations of his Committee on New Programmes.

Mr. Bibbs raised an objection to the title "A School of Planning", it being somewhat ambiguous, and it was suggested that it be changed to "A School of Community and Regional Planning". Dean Cowan stated that the title had been carefully considered and it had been thought desirable to retain a certain amount of ambiguity to allow a wider

Reports of Senate Committees

New Programmes Committee

Proposal to Establish a School of Planning (Continued)

scope of development. However, he felt confident that there would be no objection to the change proposed.

Dr. Clark was concerned with environmental planning. He felt that the curriculum was insufficiently related to Architecture. He considered that there should be a closer relationship between Architecture and Planning such as existed at a number of leading universities. Dean White pointed out that this question had been considered at some length by the Committee and referred to Section 8 of the report of the President's Committee on Community and Regional Planning, where the Committee had undertaken to develop a more carefully constructed programme. He felt that there would be proposals from that Committee to Senate before long.

Dr. Finn referred to the concern regarding course structure of Community Planning. He felt that this would enable people to receive a training comparable to that of other institutions. In a two year period they were trying to turn out people in demand for a specific type of activity. He felt that the School had a very important role to play.

Reports of Senate Committees.

New Programmes Committee

Proposal to Establish a School of Planning (Continued)

Dean White)
Mr. Bibbs)

That Senate approve the proposal of the New Programmes Committee to organize a programme of Community and Regional Planning in a School of Community and Regional Planning within the Faculty of Graduate Studies. Also that Senate approve the proposal of the New Programmes Committee that the planning organization at this University be reconstituted as a School of Community and Regional Planning within the Faculty of Graduate Studies.

Carried

After further discussion,

Dean White)
Dean Cowan)

That Senate establish a committee to examine the feasibility and desirability of creating formal arrangements for the co-ordination and support of research and study in the natural resources fields.

Dr. Scott suggested that this should only refer to Graduate Studies.

Dean Curtis requested that this restriction not be made.

Dr. Scott)
Dr. Rosenbluth)

That the above motion refer only to Graduate Studies.

There was further discussion on the pros and cons of Senate forming such a committee.

Reports of Senate Committees

New Programmes Committee

Proposal to Establish a School of Planning (Continued)

After further discussion it was agreed that Senate should not initiate a proposal for new structures within the University and that such matters should come through the Faculties.

The amendments were voted on and defeated.

A vote on the motion was called for and the motion was defeated.

Proposed M.A. in Religious Studies.

Mr. Bourne spoke briefly on the recommendations of his committee and a debate followed.

Mr. Bourne)
Dr. Norris) That the Master of Arts in Religious Studies be offered.

Carried

Mr. Bourne)
Dr. Norris) That the Deans of the Faculties of Arts and Graduate Studies be charged with a critical evaluation of the proposed new courses in reference to Section 70 (1) of the Universities Act "Each University shall be strictly non-sectarian in principle, and no religious creed or dogma shall be inculcated", and that they assure themselves and Senate that the content of these courses complies with this section of the Universities Act.

Carried

Reports of Senate Committees.

New Programmes Committee

Proposed M.A. in Religious Studies (Continued)

Mr. Bourne)
Dr. Norris)

That a review of the undergraduate programme in the Department of Religious Studies be made in view of the recommendation of the New Programmes Committee that Religious Studies should be undertaken mainly at the graduate level by students who are well-grounded in one of the disciplines of the humanities and social sciences and that the undergraduate programme should be limited to a small number of courses designed for students who may have a general interest in the subject.

Carried

It was requested that the Faculties of Arts and Graduate Studies investigate and report back to Senate.

Committee on Prizes, Scholarships and Bursaries

The Senate Executive Committee had recommended approval of the new awards and changes in awards shown in Appendix B.

Dean Gage)
Dean Scarfe)

That the new awards and changes in awards be accepted, subject to the approval of the Board of Governors, and that letters of thanks be sent to the donors, and that the medals, prizes, scholarships and fellowships be awarded as recommended on Lists No. 1, 2 and 3.

Carried

Reports of Senate Committees

Committee on Prizes, Scholarships and Bursaries (Continued)

Dean Gage spoke briefly on the scholarhip winners, and drew attention to the winner of the Governor-General's Gold Medal, William David Sharp, who had achieved a First Class standing in 27 out of his 29 courses. It was noted that William David Sharp was the son of Dr. R. F. Sharp, a member of Senate, who had been unable to attend the meeting.

Admissions Committee

Proposed Regulations governing the granting of credit on transfer from other universities, colleges and schools

Dean Gage explained that the proposal was intended as a guide to assist outside institutions, and that there were in fact no changes in the regulations.

Dean Gage)
Dean Healy) That the document giving regulations governing the granting of credit on transfer from other universities, colleges and schools be approved by Senate for the 1967-68 Session.

Carried

Committee on University Art

The Secretary read a report from the Committee on University Art that the painting of the portrait of President John B. Macdonald was under way and that the artist was Mr. Bruce Stapleton, of West Vancouver. The report was received for information.

Proposals from the Faculties

Faculty of Applied Science

1. Curriculum and Course Changes

See Appendix A.

2. Approval in Principle of proposal to offer Diploma Programmes in Continuing Education for Engineers

The New Programmes Committee had considered this item and recommended Senate's approval of the proposal. They had reported that these diploma programmes would be similar in principle to those already established in other fields, such as adult education, agriculture and various subjects in commerce. Senate was asked to approve only the criteria for the diploma programmes in engineering. When specific programmes were prepared they would be submitted to Senate for approval.

Mr. Bourne)
Dean Armstrong) That the proposal to offer Diploma Programmes in Continuing Education for Engineers be accepted.

A discussion followed as to the responsibility for approving such courses. It was suggested by the Chairman that they should not be put through the Curriculum Committee as this would encroach on the work of the Continuing Education Department.

Proposals from the Faculties

Faculty of Applied Science

2. Approval in Principle of proposal to offer Diploma Programmes in Continuing Education for Engineers (Continued)

Concern was expressed at paragraph 3 of the report entitled "Administration" in which it was stated that general policy governing the administration of the diploma programmes would be set by the Executive Committee of the Council on Continuing Education for Engineers. It was felt that the responsibility for establishing a programme of the University should not be left to an outside body.

However, assurance was given that before a programme was established, a small steering committee would be set up to which the Dean of the Faculty of Applied Science would appoint people likely to be concerned from his own and other faculties.

It was also pointed out that later on in the report it was made clear that as each programme was developed it would be submitted to Senate for confirmation.

In answer to a query as to whether Senate had approved diploma programmes in the past, the Registrar explained that it had for the Diploma for Adult Education because this programme had courses in it which were Master's degree courses.

Proposals from the Faculties

Faculty of Applied Science

2. Approval in Principle of proposal to offer Diploma Programmes in Continuing Education for Engineers (Continued)

Dr. McDowell objected to the term "units", as applied in paragraph V.1 of the proposal "The programme will be equivalent to 12 units of course work ..." Dean Armstrong stressed that these courses could not be used for graduate credit because such a student would not be qualified to enter the Graduate School in the first place.

Mr. Brousson supported Dean Armstrong and stressed the need for this type of programme in the University. He hoped that it would lead to more of its kind, there being no intention to look for Ph.D or Master's degrees, but merely for further education.

In reply to an objection made by Dr. McDowell, Dean Curtis suggested that the word "unit" be replaced by the term "diploma credit". Dean Armstrong agreed.

Dr. Copp)
Dean Armstrong) That the word "unit" in paragraph V.1 of the proposal for Diploma programmes in Continuing Education for Engineers to be offered, be replaced by the term "diploma credit".

Carried

The original motion was then carried.

Proposals from the Faculties

Faculty of Arts

1. New Courses and Course Changes

   See Appendix A.

2. Changes in Faculty Regulations

   (a) Extra-Sessional Courses.

   (b) Students who undertake the study of Chinese and Japanese in the Third and Fourth Years.

   See Appendix A.

3. Changes in general requirements for the B.A. degree

   See pages 3756 - 3760 under the report of the Curriculum Committee of Senate.

4. Request for investigation of marking system

   This request was circulated for information, the Senate Executive Committee having referred it direct to the Senate Committee on Admissions.

Faculty of Commerce and Business Administration

Curriculum and course proposals - See Appendix A.

Faculty of Dentistry

First Year Dentistry Hygiene Curriculum and new Dental Hygiene courses - See Appendix A.

Faculty of Forestry

New courses - See Appendix A.

Proposals from the Faculties

Faculty of Graduate Studies

1. New courses and course changes

See Appendix A.

2. "Review of Graduate Study at the University of British Columbia"

Owing to the lateness of the hour, it was requested that this item be brought back to Senate at the next meeting with a preferred position on the Agenda.

3. Distinctive Ph.D. Regalia

The proposed regalia consisting of the following was displayed for approval:

The Gown	Cambridge style (Ph.D) gown of maroon silk material with front panel facings of U.B.C. blue silk 4" wide outlined with gold piping; sleeve facings of U.B.C. blue silk with gold piping for cord and button.
The Hood	Cambridge pattern with U.B.C. blue silk outside and gold silk lining.
The Cap	Decanal bonnet of maroon silk material trimmed with gold cord and with a longer tassel hanging 1" over the rim of the bonnet.

Dean Cowan)
Dr. Webber) That the Ph.D gown, hood and cap be approved.

Carried

4. Change in admission requirements for Master's Degrees in Education for applicants not holding Education Degrees

The report of the Senate Executive Committee indicated that this proposal had come about as a result of a change in Department of Education requirements for a "permanent

Proposals from the Faculties

Faculty of Graduate Studies

4. Change in admission requirements for Master's Degrees in Education for applicants not holding Education Degrees (Continued)

certificate" for teachers not holding a Bachelor of Education degree. It was a concomitant simplification of University regulations that replaced an arbitrary requirement by more flexible faculty rulings for students seeking admission to the Master's degree programme in Education.

Dean Cowan)
Dean Scarfe) That approval be given for the deletion of the requirement of six extra units of prerequisite Education courses for admission to Master's programmes, (1) for applicants with a B.A. or B.Sc. (or other approved degree) and the post graduate teacher training year, or (2) for applicants with sufficient standing to satisfy the Faculties of Graduate Studies and Education that teacher training requirements may be waived.

Carried

Faculty of Medicine

Proposal to change the Department of Preventive Medicine to the Department of Health Care and Epidemiology.

See Appendix A.

Faculty of Science

1. New courses and course changes

See Appendix A.

Proposals from the Faculties

Faculty of Science (Continued)

2. Combined Forest and Forest Biology programme

See Appendix A.

Joint Submission from the Faculties of Arts, Education and Science - Extra-sessional courses

See Appendix A.

Candidates for Degrees - Congregation 1967

Lists of candidates for degrees to be awarded at the Spring Congregation 1967 were circulated at the meeting.

The Registrar reported that there were about 50 more Candidates than in 1966 totalling 2401. In addition there were 75 diplomas indicating a slight growth over the past.

Dean Gage Dean Curtis	))	That the candidates for degrees as approved by the Faculties be granted the degrees for which they were recommended, and that the Registrar, in consultation with the Deans concerned and the Chairman of Senate, make any necessary adjustments.

Carried

Other Business

The Chairman announced that Dr. & Mrs. Walter C. Koerner were making a new and unique award to the University to honour the 75th birthday of Dr. Leon Koerner. This was an annual award of $5,000 entitled "A Master Teacher Award" to give recognition to outstanding teachers of undergraudates at this University. No award would be made in any year in which the Committee

Other Business (Continued)

should choose not to recognize any of the candidates. To be eligible, candidates must have served at least three years in the University in the ranks of Assistant Professor, Associate Professor or Professor and during that time must have taught undergraduate courses in the Winter Sessions. The idea of the award was to stimulate a greater interest in good teaching.

Dean Gage)
Dean Cowan) That an appropriate letter of thanks be sent to Dr. & Mrs. Koerner.

Carried

President John B. Macdonald

Dean Curtis made an address to the President on behalf of Senate to express appreciation for the leadership and guidance that he had provided the University and this Province and to wish him well.

The President thanked Dean Curtis, and the Senate, stating that he had found his years here, interesting, instructive and even entertaining.

Senate applauded heartily.

Retirement of Dean Eagles and Dean Matthews

Dean Gage drew members' attention to the retirement of Dean Eagles and Dean Matthews and on behalf of Senate expressed thanks for their very great contributions to the University and wished them a happy retirement.

Retirement of Dean Eagles and Dean Matthews (Continued)

Whilst Dean Matthews was going to Toronto and might not be seen in Vancouver too frequently, Dean Eagles planned in the immediate future to maintain very close connections with the Faculty of Agriculture.

The meeting adjourned at 11.00 p.m.

The next meeting will be held on Wednesday, September 6, 1967, at 8.00 p.m.

J. Parnall
Secretary

Confirmed,

Walter H. Gage
for Chairman

APPENDIX A

PROPOSALS FROM THE FACULTIES

The following proposals from the Faculties concerning curriculum and course changes and other proposals were approved subject to no objections being raised by members of Senate and the Curriculum Committee by June 30, 1967.

Faculty of Applied Science

Course Changes

Geology 150 -	reduction in laboratory hours.
Physics 156 -	addition of tutorial period.

Curriculum Change

Mechanical Engineering, Fourth Year, Option 1:
Addition of Computer Science 251 for the 1967-68 Session only.

Faculty of Arts

New Courses

Creative Writing	405 (3)	Non-fiction writing.
Creative Writing	415 (3)	The Theory and Practice of Translation.
English	316 (3)	The Classical Tradition in English Literature.
English	367 (3)	Honours Shakespeare.
Geography	463 (1½)	Regional Economics Development of the United States.
Geography	470 (1½)	Aerial Photographs in Geographical Enquiry.
Geography	497 (1½)	Geography of the Canadian Arctic.
History	303 (3)	The History of the Canadian West.
History	315 (3)	History of the Natural Sciences in Modern Times.
History	436 (3)	Diplomatic History of the United States.
History	437 (3)	The American Cultural Impact on Canada.

Faculty of Arts

New Courses (Continued)

Psychology	340 (1-3)	Directed Studies in Psychology.
Psychology	402 (3)	Experimental Techniques in Personality Research.
Psychology	407 (1½)	Physiological Psychology Laboratory.

Changes in Courses

French	412 (3)	Title and description changed to Poetry and Theatre from 1850 to 1900.
French	413 (3)	Title and description changed to The Nineteenth-Century Novel from the Origins of Realism to Proust.
Geography	370 (1½)	Title and description changed to Air Photograph Analysis.
Geography	492	Unit value changed from 3 to 1½.

Changes in Faculty Regulations.

Extra Sessional Courses

Removal of restriction of a limit of 15 units of extra-sessional courses towards a B.A. degree.

Removal of restriction of a limit of 3 units of extra-sessional courses in any one year towards a B.A. degree.

Students who undertake the study of Chinese or Japanese in their third and fourth years.

Alteration in required number of units for graduation.

Faculty of Commerce and Business Administration

New Courses

Commerce	221 (2)	Organizational Behaviour.
	311 (1½)	Application of Quantitative Techniques.
	312 (1½)	Application of Quantitative Techniques.
	459 (3)	Introduction to Accounting.
Mathematics	211 (3)	Mathematical Methods for Business Decisions I.
	212 (3)	Mathematical Methods for Business Decisions I.
	311 (1½)	Mathematical Methods for Business Decisions II.

Faculty of Commerce and Business Administration

New Courses (Continued)

Mathematics	312 (1½)	Mathematical Methods for Business Decisions II.

For the M.B.A. Programme

Commerce	315 (1½)	Statistics
Commerce	316 (3)	Management Science.

Course Changes

Commerce	252	Description revised.
	261	Change in unit value and course content.
	371	renumbered 271, unit value reduced, description changed.
	323	Title changed to Manpower Management.

Courses deleted

Commerce	253 and 281

Faculty of Dentistry

Curriculum of the First Year of the Dental Hygiene Programme:

Psychology	100	(As for Faculty of Arts).

New Courses

Dental Hygiene	201 (3)	Gross, Oral and Dental Anatomy.
	202 (2)	General and Oral Histology and Embryology.
	203 (5)	Human Biology.
	204 (1½)	Microbiology.
	205 (1)	Dental Health Education.
	206 (1)	Radiology.
	207 (1½)	Dental Materials and Methods.
	208 (1)	Dental Practice.
	209 (3)	Preclinical and Clinical Dental Hygiene.

Faculty of Forestry

New Undergraduate Courses (for inclusion in the 1968-69 Curriculum)

Forestry	484 (1½)	Forest Ecosystems.
	493 (1½)	Forest Recreation Management.
	494 (1½)	Forest Wildlife Management.

Faculty of Graduate Studies

Agricultural Engineering

New Courses

565 (1)	Environmental Control for Agricultural Production.
582 (1)	Physicomechanical Properties of Agricultural Products.

Biology

New Courses

506 (1½)	Principles of Radiotracer Methodology in Biological Research.
507 (1½)	Biological Applications of Radiotracers
508 (3)	Current Topics in Genetics.
548 (1-3)	Advanced Topics in Biology.

Commerce

New Courses

577 (1½)	Optimal Financing Decisions.
581 (1½)	Seminar in Management Science.
582 (1½-3)	Seminar on Simulation Models in Business.

Change

577 -	Renumbered as 578 with new title and description.
578 (1½)	Financial Management.

Economics

New Courses

612 (1½)	Problems and Policies in Economic Development.

Faculty of Graduate Studies

Economics (Continued)

Changes

500 and 600 replaced by the following 5 half-courses. (net increase 1½ units)

500 (1½) Micro Economics I.
501 (1½) Micro Economics II.
550 (1½) Micro Economics
551 (1½) Economic Fluctuations and Growth.
600 (1½) Special Topics in Economic Theory.

502 - replaced by the following 3 half-courses. net increase 1½ units).

552 (1½) International Economics I.
562 (1½) International Economics II.
652 (1½) Topics in International Economics.

511 - replaced by the following 2 half-courses.

581 (1½) Market Structure and Business Behaviour.
591 (1½) Business Performance and Public Policy.

515 - replaced by the following 2 half-courses.

515 (1½) Mathematical Economics I.
516 (1½) Mathematical Economics II.

507 - title and description changed to: Labour Economics.

508 - description changed.

Forestry

New Courses

571 (2) Rheological Behaviours of Wood Base Materials.
579 (2) Origin of Wood Pulp Properties.
593 (1-3) Problems in Forest Recreation Management.
594 (1-3) Research Methods in Forest Recreation.
595 (1-3) Problems in Forest Wildlife Management

Faculty of Graduate Studies

Forestry (Continued)

New Courses

596 (1-3) Research Methods in Forest Wildlife Studies.

Psychology

New Courses

520 (3) Operant Conditioning
521 (3) Psycholinguistics

Faculty of Medicine

Change in title of the Department of Preventive Medicine to "The Department of Health Care and Epidemiology".

Faculty of Science

Biology

New Courses

310 (1½) Human Heredity and Evolution
448 (1-3) Directed Studies in Biology.

Chemistry

New Courses

220 (3) Physical Inorganic Chemistry
315 (2) Practical Chemistry Laboratory

Changes

304 - to become

304 (2) Physical Chemistry
324 (1) Physical Chemistry Laboratory and Tutorial.

310 - to become

310 (2) Inorganic Chemistry
320 (1) Inorganic Chemistry Laboratory.

Faculty of Science

Chemistry

Changes (Continued)

311 - to become

311 (1) Modern Analytical Methods.
321 (1) Laboratory in Modern Analytical Methods.

Physics

New Courses

309 (2) Experimental Physics.

Change

308 - Laboratory portion split into separate course.
318 (1) Optics Laboratory

300/303 Laboratory portion split into separate course.
319 (1) Electricity Laboratory

Geophysics.

New Courses

420 (3) Review of Modern Astronomy
421 (3) Principles of Modern Astronomy.

Combined Biology and Forest Biology Honours Programme.

Faculty of Graduate Studies

New Courses

Religious Studies	500 (3)	Reading and Research
	531 (3)	Seminar in Religious Studies
	549 (3-6)	Master's Thesis.
Hebrew	500 (3)	Semitic Literature and Philology.

Joint Submission from the Faculties of Arts, Education and Science

Extra-Sessional Courses for the Session 1967-68.

On Campus

Anthropology 301	Indians of British Columbia
Anthropology 412	Introduction to Anthropological Problems.
Asian Studies 205	Introduction to East Asia.
Asian Studies 330	History of Japanese Civilization.
Economics 200	Principles of Economics
Economics 300	Intermediate Economic Analysis.
Education 309	General Science for Elementary School Teachers.
Education 460	Introduction to Educational Administration.
Education 407	Introduction to Study of Exceptional Children.
Education 305	Art Education.
Education 419	Introduction to Speech Correction.
Education 332	Psychology of Adolescence - Development and Adjustment.
Education 400	Philosophy of Education.
Education 418	Introduction to Special Education in Secondary Schools.
English 200	Literature and Composition
English 303	English Composition.
English 309	Modern English and its background.
English 311	Children's Literature.
English 321	Approaches to Poetry.
English 360	Sixteenth-Century Survey to 1611.
English 366	Shakespeare
English 392	Victorian Poetry.
English 429	Contemporary Literature.
Fine Arts 327	Art of North America
Fine Arts 431	Art and Humanism : The Scientific Age, 1600-1960
French 223	Practice in Speech and Writing.
French 415	The Contemporary Novel from 1918.
Geology 105	General Geology
German 100	First Year German

Joint Submission from the Faculties of Arts, Education and Science

Extra-Sessional Courses for the Session 1967-68

On Campus (Continued)

History 326	British North America, 1763-1867.
History 329	The Social Development of Canada.
History 429	History of the American West.
History 432	Diplomacy of the Great Powers after 1939.
Italian 200	Second Year Italian.
Mathematics 200	Algebra and Geometry.
Mathematics 202	Calculus
Mathematics 300	Calculus II
Mathematics 308	Topics in Algebra
Microbiology 200	Introductory Microbiology.
Philosophy 100	Introduction to Philosophy.
Philosophy 317	Philosophy of Religion.
Political Science 204	International Politics.
Political Science 310	Introduction to Political Behaviour.
Psychology 100	Introductory Psychology.
Psychology 206	Dynamics of Behaviour.
Psychology 305	Theory of Personality.
Psychology 405	Social Learning
Sociology 306	Socialization
Sociology 315	Social Stratification
Sociology 412	Introduction to Sociological Problems.
Spanish 100	First Year Spanish.
Spanish 200	Second Year Spanish.
Theatre 300	Theatre Practice
Theatre 301	Children's Theatre.

Joint Submission from the Faculties of Arts, Education and Science

Extra-Sessional Courses for the Session 1967-68 (Continued)

Off Campus

Education 331	Psychology of Childhood	Prince Rupert
Education 331	Psychology of Childhood	Surrey
Education 331	Psychology of Childhood	Powell River
Education 332	Psychology of Adolescence-Development and Adjustment.	Kelowna
Education 305	Art Education	Prince George
Education 415	Developmental Reading.	Langley.
Education 308	Physical Education	Kamloops.
Education 307	Music Education	Penticton.
Education 400	Philosophy of Education	Abbotsford.
Education 430	History of Education	Abbotsford.
Education 470	Educational Sociology	Coquitlam
Psychology 301	Development Psychology	Kelowna

APPENDIX B

Summary of New Awards and Changes in Awards Recommended to Senate

New Awards

The Ida Singh Banns Memorial Prizes

In memory of Ida Singh Banns and as a tribute to her active interest in international affairs and her devotion to the ideals and principles expressed by Mahatma Ghandi, two prizes of $100 each are offered by her husband. These prizes, one to a student of East Indian origin and the other without restriction, will be awarded to undergraduates in the upper years or to graduates specializing in international studies, history, or related fields, who not only have attained good academic standing, but have also indicated special interest in problems of international understanding, as exemplified in the teachings of Mahatma Ghandi.

The Canadian Mental Health Association Scholarship in Psychiatry

A scholarship of $300, gift of the Canadian Mental Health Association is offered to graduate medical students undertaking graduate studies in Psychiatry. To be eligible a candidate must have achieved a satisfactory academic record, shown interest in the field of study and give evidence that upon certification he proposes to practice in the Province of British Columbia. Consideration may be given to the financial circumstances of applicants. The award will be made on the recommendation of the Head of the Department of Psychiatry.

The Fryer Book Binding Ltd. Bursary

A bursary of $250, gift of Fryer Book Binding Ltd., Burnaby, is offered annually to a student beginning studies in the School of Librarianship. It will be awarded to a student with good academic record who shows promise in the field of library science and needs financial assistance.

Globelite Batteries Limited Bursary

Globelite Batteries Limited offers annually a bursary of $500 to the son or daughter of an employee of the Company who, having completed a secondary school programme which meets the admission requirements of the University, enrols in the next ensuing academic session at the University of British Columbia. This bursary will be awarded on the

Summary of New Awards and Changes
in Awards Recommended to Senate

New Awards

Globelite Batteries Limited Bursary (Continued)

basis of satisfactory academic standing and of the financial circumstances of the applicants. If, in the opinion of the Selection Committee, the circumstances warrant, the award may be divided into two bursaries of $250 each. If there are no qualified applicants among children of employees of the Company, the bursary or bursaries shall be awarded to other entering students who are suitably qualified. Selection will be made by the Joint Faculty Committee on Prizes, Scholarships and Bursaries of the University Candidates who wish to be considered for this bursary must apply on the University Bursary Form, obtainable from the Dean of Inter-Faculty and Student Affairs, University of British Columbia, Vancouver 8, British Columbia. The completed application form must be received by the University not later than July 15.

Kamloops and District Fish and Game Association Bursary

This bursary of $150, the gift of the Kamloops and Distrct Fish and Game Association, is offered to students entering the Third or Fourth Year and majoring in the field of Fish or game management. It will be awarded to any resident of British Columbia who has sound academic standing, and needs financial assistance.

Patrons of the Law Review Prize

A prize of $100, the gift of the Patrons of the University of British Columbia Law Review, will be awarded annually to a student in the Faculty of Law of the University of British Columbia. To be eligible the candidate must display the following qualities:

(a) He must have obtained a satisfactory academic standing at the University of British Columbia.

(b) If he is a student in the first or second year of law, he must give assurance that, if selected, he will continue in the next regular session in a full programme of studies in the Faculty of Law at the University of British Columbia.

(c) If a student is in the third year of a Bachelor of Law programme, he must give assurance that, if selected, he will continue in the next regular session in a full programme of

Summary of New Awards and Changes in Awards Recommended to Senate

New Awards

Patrons of the Law Review Prize (Continued)

graduate legal studies at a University.

(d) He must be in financial need.

Preference will be given to students who, in addition to meeting the above requirements, have been active in the affairs of the Law Students Association, the University of British Columbia Law Review, or other student activities in connection with the Faculty of Law. The winner of the prize will be selected by the Scholarship Committee of the University of British Columbia on the recommendation of the Faculty of Law. To be eligible for consideration. students must apply for the Law Review prize to the Faculty of Law on or before February 1st. The application should be accompanied by a statement by the candidate of the reasons why he should receive the scholarship.

Chris Lin Memorial Scholarship

This scholarship is dedicated to the memory of Christopher Lin, who died tragically on August 31, 1966. Chris, the son of Professor Paul Lin, was born in the United States, and was brought up in China. He was a second-year student at the University of British Columbia at the time of his death. His death represented to his parents more than the loss of their son. Had Christopher lived, he would have become, in the words of his father, "a living denial of the cultural cold war". This scholarship of $500 will be awarded annually to an undergraduate student who, like Christopher, would contribute to the promotion of better understanding between China and the West. The recipient will be a student committed to the study of Chinese who has satisfactorily demonstrated a proficiency equivalent to one year of the language, and whose area of concentration is Chinese studies. Application forms may be obtained from the Dean of Inter-Faculty and Student Affairs, and must be submitted not later than July 1st.

The Lorne Manning Hill Memorial Scholarship

This annual scholarship of $500, established by Henry L. Hill in memory of his son, Lorne Manning Hill, will be awarded to an undergraduate proceeding to the degree of B.A.Sc. in Mineral Engineering.

Summary of New Awards and Changes in Awards Recommended to Senate

New Awards

The Lorne Manning Hill Memorial Scholarship (Continued)

Selection will be based on (1) proficiency in studies. (2) enthusiasm, initiative and leadership, (3) health, and (4) financial need, the factors being given in order of importance. First preference will be given to students entering the Second Year. Should no candidate in the Second Year be suitably qualified, First Year students who are clearly proceeding to a degree in Mineral Engineering will be considered. If, in any year, no award is made, two awards may be made in a subsequent year. Selection will be made by the Joint Faculty Committee on Prizes, Scholarships and Bursaries on the recommendation of the members of the Department of Mineral Engineering.

The Netherlands' Association Bursary Fund

Bursaries to the total of $500 are provided by the Netherlands' Association for children of full-time members of the Association of Dutch descent. Applicants must be beginning or continuing full-time undergraduate studies at the University of British Columbia, Simon Fraser University, or the University of Victoria. Awards will be made on the basis of academic standing and need for financial assistance, with preference to students who are not able to commute. Selection of winners will be made by the University of British Columbia in consultation with the Executive of the Association. Eligible candidates who wish to be considered must complete the University Bursary form, obtainable from the Dean of Inter-Faculty and Student Affairs, University of British Columbia, Vancouver 8, British Columbia. The completed application must be received at the University of British Columbia not later than July 15.

The J. H. Stewart Reid Medal in Honours History

In memory of J. H. Stewart Reid, B.A., M.A., (Brit. Col.) Ph.D. (Toronto), LL.D. (Manitoba), and in tribute to his fine personal qualities, his academic excellence, expecially in the field of History, and his services as Executive Secretary of the Canadian Association of University Teachers, Ottawa, this gold medal is offered annually by his sister, Colina Stewart Reid. It will be awarded to the student graduating with the most outstanding record in honours history.

Summary of New Awards and Changes
in Awards Recommended to Senate

New Awards (Continued)

The Jean Rose Bursary in Social Work

This bursary, of annual value $100, has been made possible by the "Orphan Group" which came to Vancouver from Europe in 1947. It serves to express the gratitude of the members of the group to Mrs. Jean Rose, who represented the Canadian Jewish Congress of Vancouver in their rehabilitation programme. Mrs. Rose, in December, 1966, at a Centennial Celebration sponsored by the Congress and the Jewish Community Centre, was presented with a plaque by the Orphan Group to commemorate her efforts on its behalf, and also with a cheque which will provide this bursary for several years. The bursary is offered annually to students in the School of Social Work. It will be awarded by the Joint Faculty Committee on Prizes, Scholarships, and Bursaries to a student with satisfactory standing who needs financial assistance.

The Gordon H. Woodward Memorial Scholarship.

This scholarship has been established by friends in memory of Gordon H. Woodward who, during the two decades before his death in 1966, contributed fiction to the best periodicals in Canada, England, Australia and the United States, and whose dedication to writing as an art is well-known here and abroad. In the amount of $50 annually it will be awarded by the Department of Creative Writing to a student with a good academic record who has shown ability and promise in the writing of fiction.

Changes in Awards

The Section of General Practice, B.C.Division, C.M.A., Student Aid Fund

The income on this fund, established by contributions from the Section of General Practice, B.C. Division, Canadian Medical Association provides bursaries for medical students who have good academic standing and require financial assistance. This was previously a Student Loan Fund for students in the Faculty of Medicine.

Charles Chan Kent Golden Wedding Scholarship and Charitable Foundation Bursaries

Both increased from $150 to $200.

Summary of New Awards and Changes
in Awards Recommended to Senate

Changes in Awards (Continued)

Vancouver Women's Transportation Club Bursary

Increased from $100 to $150

American College of Dentists Scholarship

Increased from $50 to $100