The fifth regular meeting of the Senate of The University of British Columbia for the Session 1967-68 was held on Wednesday, May 22, 1968 at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: Dean W. H. Gage (Chairman), Dean W. M. Armstrong, Dr. C. S. Belshaw, Mr. S. Black, Dr. M. Bloom, Mr. R. M. Bibbs, 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. J. D. Chapman, Dr. R. M. Clark, Dean I. McTaggart-Cowan, Dean G. F. Curtis, Dr. W. D. Finn, Dr. S. M. Friedman, Dean J. A. F. Gardner, Dr. W. C. Gibson, The Hon. Howard C. Green, Mr. J. Guthrie, Dr. N. A. Hall, Dean D. M. Healy, Dr. W. S. Hoar, Mr. W. L. Holland, Mr. J. S. Keate, Dr. H. L. Keenleyside, Dr. D. T. Kenny, Dr. P. Larkin, Mr. R. R. Larsen, Rev. E. C. Lebel, Dean S. Wah Leung, Dr. A. J. McClean, Dean Helen McCrae, Dean J. F. McCreary, Dr. C. A. McDowell, Mr. J. McGechaen, Dr. J. R. McIntosh, Mrs. H. J. MacKay, Mr. D. F. Miller, Dr. Finlay A. Morrison, Mr. D. Munton, Dr. H. P. Oberlander, Dean V. J. Okulitch, Mr. W. Opechowski, Dr. A. J. Renney, Dean B. E. Riedel, Mr. J. V. Rogers, Dr. R. D. Russell, Dean N. V. Scarfe, Dr. R. F. Sharp, Dean M. Shaw, Dr. D. V. Smiley, Dr. J. H. G. Smith, Dr. M. W. Steinberg, Mr. B. Stuart-Stubbs, Rev. W. S. Taylor, Dr. G. H. N. Towers, Mrs. B. E. Wales, Dr. Wm. A. Webber, Dean P. H. White, Mr. D. R. Williams, Dr. S. H. Zbarsky.

Observers: Mr. G. R. Selman, Mr. A. Myers, Mr. J. Banham.

Visitors: Dr. Ian Ross, Dr. C. E. Smith, Dr. J. H. Young.

Messages of regret for their inability to attend were received from Mr. J. M. Buchanan, Dr. D. H. Copp, Mr. Justice J. MacDonald, Mr. D. F. Manders, Mr. John R. Meredith, Dr. G. J. Parfitt, Dr. H. V. Warren, Mr. M. Waldman.

Minutes of the Previous Meeting

Dean Scarfe)
Mr. Miller)

That the Minutes of the fourth regular meeting of Senate for the Session 1967-68, held on February 14, 1968, having been circulated, be taken as read and adopted.

Carried

Membership on Senate Committees

At the previous meeting of Senate it had been agreed that members of Senate should submit nominations to the Registrar for four members of Senate to serve on each of two new committees, namely a standing committee on Academic Building Needs and an ad hoc Committee on Long-Range Objectives. It was further agreed that an election be held and that the results of the election be announced prior to this meeting of Senate. However, it was explained that a question had been raised as to the legality of the nomination of one of the candidates for the Committee on Long-Range Objectives, in view of the fact that at the time of his nomination he was on leave of absence from Senate and would not return until July 1, 1968.

It was explained that the existing procedure which was governed by a ruling made by the Board of Governors on October 29, 1963, which was as follows:

> "That Faculty members on leave of absence be not eligible to attend meetings of the University Senate or of University committees for the period of their leave; and that Faculty members on leave of absence for a period of four months or longer be replaced for the period of leave by other eligible members of Faculty on Senate or University committees of which they are members."

At the time the ruling was made, Senate requested that the Board of Governors consider the rule as the normal procedure, with discretion given to the President to make exceptions in special cases. The Board expressed agreement.

Membership on Senate Committees (Continued)

It was suggested that the original system whereby a member of Senate going on leave of absence forfeited his right to return to Senate for the remainder of his term, was perhaps more suitable. After further debate the following motion was put:

Dean Okulitch)
Dean Cowan)

That in view of the fact that under the present system Dr. Stewart would return to Senate from leave of absence on July 1, 1968, his nomination to the Committee on Long-Range Objectives be accepted.

Carried

Dr. Gibson gave notice that at the next meeting of Senate he would propose a motion to the effect that a member of Senate who goes on leave or who is not going to be available during the regular session be asked to resign from Senate.

The results of the election were then announced:

Committee on Long-Range Objectives (ad hoc committee)

Elected by Senate:	R. M. Clark
	D. F. Miller
	M. W. Steinberg
	R. W. Stewart
Appointed by the Chairman of Senate:	W. D. Finn
	J. R. McIntosh
	C. S. Belshaw
	D. R. Williams

The Chairman stated that at the next meeting of Senate he would like to arrange for one student senator to sit on this Committee.

Dean Scarfe)
Dr. McDowell)

That the membership of the ad hoc Committee on Long-Range Objectives be approved and that one student member be added in the Fall.

Membership on Senate Committees (Continued)

Committee on Academic Building Needs (standing committee)

Elected by Senate:	R. M. Bibbs C. B. Bourne D. T. Kenny P. A. Larkin
Appointed by the Chairman of Senate:	W. M. Armstrong N. A. Hall J. H. Young Ross Stewart

The Chairman explained that although Dr. Young was not a member of Senate at the present time he would become a senator when he became Acting Dean of Arts on July 1, 1968. The Chairman had appointed one non-member of Senate, Dr. Ross Stewart, because he felt that Dr. Stewart's experience and knowledge were appropriate and would be very useful to the Committee.

Dr. McDowell)
Dean Gardner) *That the membership of the Standing Committee on Academic Building Needs be approved.*

Carried

Senate Liaison Committee - Planning Permanent Buildings

The Chairman explained that as a result of the Special Meeting of Senate in November to discuss the Campus Plan, he had recommended to the Board of Governors that it would be desirable to have a Liaison Committee appointed by Senate to act in consultation with the Property Committee of the Board of Governors on the question of the Campus Master Plan, particularly as it affects new academic buildings. The Board of Governors had agreed.

Senate Liaison Committee - Planning Permanent Buildings (Continued)

The general functions of the Senate Liaison Committee are outlined as follows:

To afford an opportunity for Senate members to state their views on proposed siting of new permanent academic buildings in terms of function, location and similar factors prior to the approval of the site by the Board of Governors.

To provide a bridge between the Board of Governors Property Committee and the Senate with respect to modifications or new developments in the Campus Master Plan.

To act in an advisory capacity through the President to the Board of Governors and to provide the necessary liaison with the senior academic body.

The Nominating Committee of Senate had put forward the following nominations to constitute the membership of this Committee:

Dr. H. P. Oberlander, (Chairman)
Director of the School of Community and Regional Planning.

Dr. J. H. G. Smith,
Professor, Faculty of Forestry.

Dr. P. Larkin,
Director, Institute of Fisheries.

Dr. McDowell)
Dean Cowan)

That the nominations for membership of the Senate Liaison Committee on the Planning of Permanent Buildings be approved.

Carried

Notification of Approval by the Board of Governors of Senate Recommendations

(a) Recommendations of the Curriculum Committee of Senate on items previously approved by the Board of Governors.

(b) Establishment of a Department of Computer Science, subject to funds being available.

(c) Establishment of a Diploma Programme in Education of the Deaf under the Faculty of Education, subject to funds being available.

Notification of Approval by the Board of Governors of Senate Recommendations (Continued)

(d) Modified foreign language requirement for the B.A. degree.

(e) Evening Classes, Inter-Session, May-July, 1968 in English 200, 300, 303, 425, History 429, Psychology 409, and Sociology 301 and 425.

(f) New courses and course changes from the Faculty of Graduate Studies, subject to funds being available, in Animal Science, Commerce, Comparative Literature, Education, Electrical Engineering, Fine Arts, Geography, Philosophy, Plant Science, Poultry Science, Psychology and Soil Science.

(g) Changes in regulations and courses from the Faculty of Medicine, subject to provision of funds.

(h) Change in dates of the Academic Year.

Reports of Senate Committees

Curriculum Committee

The Curriculum Committee reported approval of two items under consideration from previous meetings of Senate:

(i) Diploma in Education of the Deaf

At the December meeting of Senate the New Programmes Committee reported their approval of the Diploma Programme in Education of the Deaf (Page 3896) but recommended that the load be reduced to 12 units. The Curriculum Committee in considering the courses referred to on Page 3871, recommended approval of the new courses listed below, together with the sequencing indicated.

Courses		Units
Education 422	Phonetics	1½ Existing course
Education 441	Audiology 1	1½ New
Education 442	Audiology 2	1½ New
Education 443	Teaching Communication skills	1½ New
Education 444	Teaching Academic Subjects to the Deaf	1½ New
Education 445	Teaching Speech to the Deaf	1½ New
Education 497	Practicum (minimum of 180 hours)	- New

Reports of Senate Committees

Curriculum Committee

(i) Diploma in Education of the Deaf (Continued)

Three units selected from the following or other courses selected in consultation with the Faculty:

Courses		Units
Education 300	General Linguistics	3 Existing course
Education 319	Comparative Linguistics	3 Existing course
Education 423	Principles of Teaching Hearing Impaired	1½ New
Education 446	History of Education of the Deaf	1½ New
Education 447	Psychology of Deafness	1½ New

(ii) Course Proposals from the Faculty of Graduate Studies

The Curriculum Committee concurred with the recommendations from the Faculty of Graduate Studies referred to on Page 3906 and drew attention to Philosophy 530-539 (1½) Problems; the general nature of the course description gave a necessary measure of flexibility in designing individual study programmes at the Ph.D. level.

The report was received for information.

New Programmes Committee

(i) Proposal of the School of Home Economics to Change the Title of the School to "The School of Human Nutrition and Family Ecology".

The New Programmes Committee recommended that a change in the name of the School be deferred and that the School be requested by Senate to report on:

Reports of Senate Committees

New Programmes Committee

(i) Proposal of the School of Home Economics to Change the Title of the School to "The School of Human Nutrition and Family Ecology". (Continued)

(a) Its appropriate faculty location in the light of the School's academic objectives, of the studies of the School by previous President's committees, and of discussions with relevant faculties.

(b) Its preferences with regard to degree structure, and

(c) The adoption of a new name.

Mr. Bourne)
Dean Scarfe) *That the report of the New Programmes Committee be approved; that the consideration of a change in name be deferred; that the School of Home Economics be requested by Senate to report on (a), (b) and (c) above; and that the President be asked to establish a committee to assist the Director of the School of Home Economics in this study.*

Carried

(ii) Proposal of the Faculty of Graduate Studies to offer an M.A. in Comparative Literature

The New Programmes Committee concurred with the proposal, and in so doing drew attention to the desirability of the recommendation contained in the proposal that a standing committee of the Faculty of Arts, composed of persons drawn from the various language departments, be established to supervise the programme. Such a committee would tend to ensure the interdisciplinary character of the studies.

Mr. Bourne)
Dean McCreary) *That the report of the New Programmes Committee be adopted and that the M.A. Programme in Comparative Literature be instituted.*

Carried

Reports of Senate Committees (Continued)

Committee on the Role and Organization of Senate

The Chairman of the Committee on the Role and Organization of Senate summarized the Report, explaining the proposed changes in the committee structure, the recommendation that Faculties and Departments be asked to prepare a five-year statement of objectives to assist in the establishment of priorities, and the final suggestion that the number of Senate Meetings a year be increased to seven.

Mr. Bourne)
Dr. Clark)

That the Report of the Committee on the Role and Organization of Senate be adopted.

A debate followed on the proposal to increase the number of meetings of Senate from five to seven. There was considerable feeling that Senate should meet at more frequent intervals.

Mr. Bowers)
Mr. Larsen)

That the penultimate paragraph of Page 12 of the Report of the Committee on the Role and Organization of Senate be amended to read "...that there be nine regular meetings of Senate during each academic year, plus one in the summer, and that the May meeting be devoted exclusively to matters relating to candidates for degrees."

Carried

Objections were raised to the recommendation that faculties and departments be asked to prepare five-year statements of objectives. It was suggested that such statements could only enumerate aspirations rather than objectives since the faculties and departments had no knowledge of future budgetary provisions. It was also pointed out that the proposal ignored the effect of availability of personnel, and that there were times when

Reports of Senate Committees

Committee on the Role and Organization of Senate (Continued)

opportunities arose where money was available for certain programmes from unexpected sources, either of which could immediately change the objectives of a department.

In support of the proposal it was argued that no department or faculty could possibly function properly without objectives, and if the difficulty were funds it would be even more essential to plan on a long-term basis in an effort to influence the amount of financial support provided. It was further argued that the Board of Governors required assistance from Senate in evaluating the question of priorities which was an integral part of planning.

Dean White)
Dean Okulitch) *That the second and fifth paragraphs on Page 11 of the Report Part IV, be deleted.*

Lost

It was pointed out that no provision had been made in the Report for a procedure to guide the evaluation of planning by the departments and faculties.

Dr. Friedman)
Dr. Belshaw) *That the Committee on the Role and Organization of Senate be asked to reconsider the last paragraph under Section IV on Page 11 of their Report and make a specific recommendation to Senate for a mechanism for the appraisal and evaluation of the objectives and achievements of statements of objectives from the faculties and departments.*

It was explained that what was required was that the Committee should specifically consider the matter of academic review of the five-year statements of objectives and that possibly this should

Reports of Senate Committees

Committee on the Role and Organization of Senate (Continued)

come as item (e) on Page 11 of the Report, or it should be completely deleted.

Carried

An objection was raised to the proposal for an Academic Implications Committee outlined on Pages 2 and 3 of the Report.

Dean Okulitch) *That the proposal for an Academic*
Mr. Bowers) *Implications Committee be rejected.*

The Chairman of the Committee endeavoured to clarify the proposal explaining that it was not intended to act as another barrier, as had been suggested, but to act as a clearing house for proposals from the faculties and schools before they went to the Curriculum Committee and the New Programmes Committee and to ensure that members of different faculties and schools were given the opportunity to hear about proposals from other disciplines before the proposals went to Senate.

After further debate the motion was carried.

A discussion then took place on the suggestion contained in the terms of reference of the Curriculum Committee under Item (c) on Page 5 of the Report - namely that the Curriculum Committee should recommend, where appropriate, an order of priority for the implementation of the recommendations of the Committee.

Mr. Bowers) *That Item (c) under the Terms of*
Dr. Finn) *Reference of the Curriculum Committee covering the recommendation of priorities, be deleted from the Report.*

Reports of Senate Committees

Committee on the Role and Organization of Senate (Continued)

It was pointed out that the wording included "where appropriate" and that whereas a statement of priority for the majority of straightforward course changes would not be necessary, there were instances where it was appropriate. The motion was then put to the vote and lost.

Clarification was requested as to the interpretation of the term "Continuing Education". It was pointed out that there were, for example, courses given under the Faculty of Commerce and Business Administration in the Spring that were the same as those courses being given in the normal Winter Session, and it was felt that courses given in this manner should not come under "Continuing Education".

Dean White)
Dr. Hall)

That the item on the Standing Committee on Continuing Education on Page 4 of the Report be referred back to the Committee on the Role and Organization of Senate for a definition of what is meant by "Continuing Education".

It was suggested that the points raised had been relatively minor and would have been dealt with and given consideration during the workings of the Committee and that there should be no difficulty with the courses given by departments under their own jurisdiction, although it was agreed that the wording was perhaps not ideal.

The Dean of the Faculty of Graduate Studies stated that he had not thought that the wording referred to courses, particularly

Reports of Senate Committees

Committee on the Role and Organization of Senate (Continued)

graduate courses and he asked that it be made clear in the minutes that it was not intended to include normal developments of a more elaborate summer programme in the graduate area.

However, the objection was supported and it was felt that undergraduate credit courses given during the summer should not be considered as Continuing Education.

The motion was then carried.

Mr. Bowers)
Mr. Larsen) *That the proposed Nominating Committee and the Agenda Committee be combined.*

Lost

The original motion was then amended:

Mr. Bourne)
Dr. Clark) *That the Report of the Committee on the Role and Organization of Senate, as amended, be adopted.*

Carried

Proposal for a new Committee

Mr. Munton)
Mr. Williams) *That the Committee on the Role and Organization of Senate be requested to look into the question of establishing a standing committee on Academic Reform.*

It was suggested that the committees were inclined to take a passive role in reviewing proposals that came before them. The suggestion was that this proposed Academic Reform Committee should initiate proposals for curriculum and other changes. It was reported that this was being done at other Universities, particularly in the United States of America.

Reports of Senate Committees

Proposal for a new Committee (Continued)

It was suggested that this was already included in the terms of reference of the Agenda Committee. However, the motion was carried.

Committee on Professors Emeriti

The Committee had recommended that the following be granted emeritus status as indicated:

Mrs. Grace D. Bredin
Associate Professor Emerita of Education

Mr. E. B. Broome
Professor Emeritus of Education

Dr. Joyce Hallamore
Professor Emerita of German

Dr. H. L. Stein
Professor Emeritus of Education

Dr. T. M. C. Taylor
Professor Emeritus of Botany

The emeritus rank to become effective July 1, 1968, following acceptance by the candidates of their proposed appointments.

Dean Curtis)
Dean Scarfe) *That Senate confer emeritus status as recommended by the Committee on Professors Emeriti.*

Carried

Committee on Prizes, Scholarships and Bursaries

Dean Scarfe)
Dean Gardner) *That the new awards and changes in awards shown in Appendix A, be accepted, subject to the approval of the Board of Governors, and that letters of thanks be sent to the donors, and that Scholarship List No.1 be ratified.*

Carried

President's Committee on Food Sciences

At the Senate Meeting of December 14, 1966 (Pages 3683-86) the New Programmes Committee reported to Senate on recommendations from the Faculty of Agriculture for a Department of Food Sciences in the Faculty of Agriculture. Senate requested that a President's Committee be formed to enquire into the establishment of such a department within the Faculty of Agriculture and to take into consideration the interdisciplinary nature of such a move.

The President's Committee made the following recommendations:

1. That Senate approve the establishment of a Department of Food Sciences within the Faculty of Agriculture.

2. That the Dean of Agriculture be authorized to proceed with the appointment of a Head for such a Department as soon as the position can be made available.

3. That the new Head in consultation with the Dean and his academic colleagues, bring to Senate recommendations concerning the policy of the new Department.

Dean Okulitch)
Dr. Finn)
That a Department of Food Sciences be established in the Faculty of Agriculture as recommended by the President's Committee on Food Sciences.

Carried

Proposals from the Faculties

Faculty of Agriculture

Proposal to change the name of the Faculty to "Faculty of Agricultural Sciences".

Dean Shaw)
Dean Okulitch) *That the name of the Faculty of Agriculture be changed to the "Faculty of Agricultural Sciences".*

Proposals from the Faculties

Faculty of Agriculture

Proposal to change the name of the Faculty to "Faculty of Agricultural Sciences". (Continued)

Dean Shaw explained briefly how much scientific activity was going on in the Faculty and that there was a widespread trend toward changing the names of Agricultural Faculties in this way.

The motion was carried.

Proposal to change the designation of the degree B.S.A. to B.Sc. (Agr.)

The Faculty had explained their reasons for this change, the three main reasons being:

1. consistency of terminology with other Agriculture degrees - the description B.Sc. (Agr.) is widely used in Great Britain, and is already used in Canada by Macdonald College, the University of Guelph and the University of Alberta;
2. image;
3. identification.

Dean Shaw)
Dean Okulitch) *That the name of the degree Bachelor of Science in Agriculture not be changed but that the designation be changed from B.S.A. to B.Sc. (Agr.).*

Carried

Faculty of Applied Science

Proposal for a Diploma in Administration for Engineers

The Dean explained that candidates would hold Engineering Degrees or equivalent.

Proposals from the Faculties

Faculty of Applied Science

Proposal for a Diploma in Administration for Engineers (Continued)

Dean Armstrong)
Mr. Brousson)

That the Diploma in Administration for Engineers be approved as recommended by the Faculty of Applied Science, and be instituted in September 1968.

Carried

Faculty Membership

The Faculty of Applied Science recommended that the Administrator, Continuing Education for Engineers, Dr. Geoffrey T. Matthews, be made a member of the Faculty of Applied Science.

This report was received for information.

School of Architecture

(a) Revision of Course Material under the following headings:

(i) Architectural History, Philosophy and Theory
(ii) Architectural Design and Experiment
(iii) Architectural Science and Technology

(b) Deletion of the course Applied Science 270 (Strength of Materials) with incorporation of pertinent material into the Science and Technology studies in the First Year.

Dean Armstrong briefly explained the proposals.

Mr. Bowers)
Dr. Webber)

That the proposal for an extensive revision of course material under the above headings and minor revisions in course material of the First Year be approved, subject to no objections being raised by members of Senate to the Curriculum Committee by June 15, 1968 and subject to the approval of the Curriculum Committee.

Carried

Proposals from the Faculties (Continued)

Faculty of Arts

(i) New Courses and Course Changes

The following new courses and course changes were recommended:

English 491 - unit value increased from (1) to (3)
492 - unit value increased from (2) to (3)

German New course - Germanic Studies 201 (3) German Literature in Translation

German 408 deleted

History New course - 434 (3) History of Southeast Asia since 1800

Music New course - 328 (3) Introduction to Ethnomusicology

Religious Studies New course - 308 (3) Religious Thought of Judaism

It was agreed that the above new courses and course changes be approved subject to no objections being raised by members of Senate to the Curriculum Committee by June 15, 1968 and subject to the approval of the Curriculum Committee.

(ii) Proposal to offer an Arts II Programme in the 1968-69 Session

Dr. Ian Ross had been invited to speak to the proposal. He explained that there would be about 20 students under one professor who would call in specialist lecturers from other areas. He cleared some of the doubts raised by the New Programmes Committee's Report.

Dr. Gibson)
Mr. Opechowski) *That the New Arts II programme be approved only for the 1968-69 academic year; that it be evaluated by the Committee established to evaluate the New Arts I programme, and that it be brought before a Senate Committee for thorough study well before the end of the 1968-69 academic year.*

Proposals from the Faculties

Faculty of Arts

(ii) Proposal to offer an Arts II Programme in the 1968-69 Session (Continued)

In answer to a question as to how the students were selected for the New Arts II programme, Dr. Ross explained that in addition to other requirements they had to have taken the New Arts I programme.

The motion was then carried.

At its meeting of May 24, 1967, Senate agreed to a proposal from the Faculty of Arts to alter the requirement of English 200 for the B.A. degree. The Faculty now submitted a list of courses to be taken as alternatives to English 200 for the information of Senate.

Faculty of Commerce

New Course - Commerce 317 (1½) Management Data Processing

Approval was given to the above new course subject to no objections being raised by members of Senate to the Curriculum Committee of Senate by June 15, and subject to the approval of the Curriculum Committee.

Faculty of Dentistry

(i) Curriculum proposal for a First Year D.M.D. course representing the introduction of an orientation course Preclinical Sessions (Interdepartmental Requirements 400), similar to that given to medical students to acquaint the students with children.

Proposals from the Faculties

Faculty of Dentistry (Continued)

(i) Dean Leung explained that this was a non-credit course and Senate agreed to the proposal.

(ii) Second-Year Dental Hygiene Programme - Curriculum and Courses

This matter was referred to the Curriculum Committee for a report at the next meeting of Senate.

Faculty of Education

Senate approved the recommendation of the Faculty of Education that a new course Education 482 (1½) Introduction to Statistics in Educational Research be offered as an alternative to the present course Education 482 which is renumbered 483 (1½) Educational Statistics.

Faculty of Forestry

Change in Regulations governing the B.S.F. Thesis

Senate agreed to the following proposal after a brief explanation by Dean Gardner:

> Students who do not complete Forestry 499, B.S.F. Thesis, in their fourth year must complete the thesis within a year, in time for graduation the following spring. Students who do not complete their thesis within the specified period of time must formally re-register in the B.S.F. programme in a subsequent session and must spend at least one term in residence, in order to complete the thesis.

Faculty of Graduate Studies

(i) Details of proposal to offer a Ph.D. degree in Business Administration

It was pointed out that the original proposal was approved in principle by Senate in May, 1964.

Proposals from the Faculties

Faculty of Graduate Studies

(i) Details of proposal to offer a Ph.D. degree in Business Administration (Continued)

Dean Cowan)
Mr. Miller) *That the Ph.D. programme in Business Administration in the fields of Finance, Marketing and Organizational Behaviour be approved.*

Carried

(ii) Proposal to offer a Ph.D. programme in Pharmacy

The New Programmes Committee reported that it had decided not to make any recommendation to Senate pending further investigation and discussion with the Faculty of Pharmacy.

(iii) New Courses and Course Changes

Dean Cowan)
Dr. Hall) *That the following new courses and course changes be approved by Senate subject to no objections being raised by members of Senate to the Curriculum Committee by June 15, and subject to the approval of the Curriculum Committee:*

Biochemistry
500 - title, description and unit value changed
505 - description changed

Biology

New:
509 (3) Advanced Biometrics

Commerce

New:

583	(1½)	Advanced Statistics
593	(1½)	Seminar in Research Methodology (of Business Administration)
625	(1½)	Seminar in Organizational Behaviour
626	(1½)	Seminar in Manpower Management
628	(1½)	Organizational Behaviour Research Seminar
660	(1½)	Research Seminar in Marketing
661	(1½)	Seminar in Marketing Systems
662	(1½)	Seminar in Buyer Behaviour
671	(3)	Advanced Topics in Finance
672	(1½)	Research Seminar in Finance

Proposals from the Faculties

Faculty of Graduate Studies

(iii) New Courses and Course Changes (Continued)

Geology

New:	558 (2-3)	Theory of Ore Search

German

New:	517 (1½)	Renaissance Studies
	518 (1½)	Studies in The Baroque
	519 (1½)	"Sturm and Drang"
	520 (1½)	Nineteenth-Century Naturalism
Changes:	501, 502, 503, 504, 505, 506, 508, 509, 510, 511, 512, 513, 514, 515, 516. (Changes in unit value)	
Deletions:	408 and 507 (replaced by 517 and 518)	

Carried

Faculty of Law

Recommendation concerning Faculty Membership

Dean Curtis)
Mr. Williams) *That the proposal of the Faculty of Law to add the following six categories of membership to their Faculty under item (iii) of the Senate resolution of December 18, 1963 be approved:*

1. Such persons, not being full-time members of Faculty, who are teaching all or a substantial part of a course and who shall be approved each year by the Faculty.

2. Two judges, either from the Court of Appeal or the Supreme Court of the Province of British Columbia, invited by the Faculty to serve as members of Faculty for a term not exceeding two years.

3. Two Benchers nominated by the Benchers of the Law Society of British Columbia.

4. The Secretary of the Law Society of British Columbia, ex officio.

Proposals from the Faculties

Faculty of Law

Recommendation concerning Faculty Membership (Continued)

5. The Law Librarian, ex officio.

6. The Director of Continuing Legal Education.

A question concerning Faculty membership of persons from outside the University was raised and it was explained that the Law Society of British Columbia shared with the University the responsibility of providing for the education of prospective lawyers.

The motion was then carried.

Faculty of Medicine

Dean McCreary)
Dean Okulitch) *That the laboratory portion of Biochemistry 410 be offered as a separate course Biochemistry 411 (1 1/2) Biochemistry Laboratory.*

Carried

Dean McCreary)
Dean Okulitch) *That the new course Pharmacology 410 (1 1/2) Biological Effects of Chemicals and Drugs be offered.*

Carried

School of Nursing

Proposal for minor changes in the several programmes. The major change is the replacement of Nursing 155 (4) Anatomy and Physiology by Zoology 303 (3) Vertebrate Physiology and a new course Nursing 154 (1) Human Anatomy

Proposals from the Faculties

School of Nursing (Continued)

Dean Armstrong)
Mr. Miller)

That the course and curriculum proposals from the School of Nursing be approved.

Carried

Details of the course changes are as follows:

New Courses:	Nursing 154 (1)	Human Anatomy
	Nursing 158 (1)	Nursing Laboratory
Changes:	Nursing 340 -	unit value reduced from 4 to 3
	Nursing 343 -	unit value reduced from 6 to 4

School of Rehabilitation Medicine

Proposal to give the degree of Bachelor of Science in Rehabilitation Medicine following only one year of study under certain circumstances

Senate referred this item to the New Programmes Committee for a report at the next meeting of Senate.

Faculty of Science

Course Proposals

Biochemistry

Change:	410	Laboratory portion split off to form:
		410 (3) Principles of Biochemistry
		411 (1½) Biochemistry Laboratory

Biology

Changes:	400	renumbered 300
	401	renumbered 301 - title and description changed

Chemistry

New:	431 (3)	Developments in Contemporary Chemistry (Summer Session course)

Proposals from the Faculties

Faculty of Science

Course Proposals (Continued)

Physics

Changes:	103	renumbered 130
	110	description changed
	120	description changed

Courses acceptable from other Faculties

Add: Commerce 459 (3) Introduction to Accounting (For non-Commerce students)

Proposal concerning Low Standing in Second-Year Courses

Students who obtain 50% in a Second Year course will not be allowed to take a Third Year course in that same department which has the Second Year course as a prerequisite.

Students who are given a grade of 50% may write the supplemental examination for higher standing.

Dean Okulitch) *That the proposals from the Faculty*
Dean McCreary) *of Science as set out above be approved.*

Carried

Department of University Extension

Extra-Sessional courses during the Session 1968-69 in Arts Science and Education

Anthropology 200	Introduction to Anthropology
Asian Studies 410	History of India Since 1526
Asian Studies 422	Modern Japan Since 1868
Economics 200	Principles of Economics
Economics 300	Intermediate Economic Analysis
English 200	Literature and Composition
English 303	English Composition
English 309	Modern English and Its Background
English 311	Children's Literature
English 331	The Drama to 1642
English 340	The English Novel
English 355	Chaucer

Proposals from the Faculties

Department of University Extension

Extra-Sessional courses during the Session 1968-69 in Arts, Science and Education (Continued)

English 365	Shakespeare
English 440	Canadian Literature
English 451	American Poetry
Fine Arts 228	Fundamentals of Design
Fine Arts 425	History of Modern Art
French 110	First Year French
French 210	Second Year French
French 302	Studies in French Language and Style
French 400	A Survey of French Literature
Geography 101	Introduction to Physical Geography
Geography 102	Introduction to Human Geography
German 200	Second Year German
History 202	History of Canada
History 410	History of India since 1526
History 422	Modern Japan
History 426	Canada After 1867
History 432	Diplomacy of the Great Powers After 1939
Home Economics 220	Design Fundamentals
Home Economics 420	Elements of Housing Design
Italian 100	First Year Italian
Linguistics 300	General Linguistics
Mathematics 202	Calculus
Mathematics 307	Linear Algebra
Mathematics 410	Differential Equations
Microbiology 200	Introductory Microbiology
Philosophy 100	Introduction to Philosophy
Philosophy 317	Philosophy of Religion
Political Science 201	Foreign Governments
Political Science 203	Theories and Methods of Political Science

Proposals from the Faculties

Department of University Extension

Extra-Sessional courses during the Session 1968-69 in Arts, Science and Education (Continued)

Psychology 100	Introductory Psychology
Psychology 308	Social Psychology
Psychology 400	Abnormal Psychology
Psychology 405	Social Learning
Psychology 406	Physiological Psychology
Religious Studies 200	Introduction to Religious Studies
Russian 100	Basic Russian
Russian 200	Second Year Russian
Sociology 200	Introduction to Sociology
Sociology 315	Social Stratification
Sociology 421	Political Sociology
Spanish 100	First Year Spanish
Spanish 200	Second Year Spanish
Theatre 301	Children's Theatre
Education 305	Art Education (Langley)
Education 305	Art Education (Kamloops)
Education 308	Physical Education (Chilliwack)
Education 309	General Science for Elementary School Teachers (Williams Lake)
Education 331	Human Development (Fort St.John)
Education 331	Human Development (Kamloops)
Education 332	Psychology of Adolsescence (Abbotsford)
Education 333	Curriculum and Instruction for Young Children (Surrey)
Education 333	Curriculum and Instruction for Young Children (Duncan)
Education 430	History of Education (Haney)
Education 472-3	Developmental Reading (Cranbrook)
Education 472-3	Developmental Reading (Prince George)
Education 475-6	Remedial Reading (Delta)
Education 307	Music Education
Education 309	General Science for Elementary School Teachers (3 sections)
Education 400	Philosophy of Education

Proposals from the Faculties

Department of University Extension

Extra-Sessional courses during the Session 1968-69 in Arts, Science and Education (Continued)

Education 407	Introduction to the Study of Exceptional Children
Education 460	Introduction to Educational Administration
Education 470	Education Sociology
Education 472-3	Developmental Reading
Fine Arts 303, 403 413 (Combined)	Fine Arts Education (Ceramics and Modelling)
Education 508	Review of Research in Methods of teaching specific school subjects.

Dean Scarfe)
Dean Healy) *That the extra-sessional courses for 1968-69 be offered as recommended by the Department of University Extension.*

Carried

Service for admission to College and University - commonly abbreviated SACU

A copy of a letter dated March 18, 1968 from the British Columbia Teachers' Federation to the Acting President of the University of British Columbia giving their views on SACU had been circulated to members of Senate.

It was explained that SACU was the equivalent of the College Entrance Examination Board in the United States of America. SACU was incorporated in 1966 as a non-profit nationwide organization with colleges and universities, Education Departments of the ten provinces, and other national bodies interested in education as members. The general purpose of the Service was to provide assistance, co-ordination and research to facilitate the transition of students from the secondary to the tertiary

Service for admission to College and University - commonly abbreviated SACU (Continued)

level of education and to help meet the growth and changes in higher education. The service was developing scholastic aptitude and mother-tongue achievement tests in English and French, to be administered for the first time in January 1969. A battery of achievement tests (individual tests in Chemistry, English as a working language, English as a second language, and similarly with French; Mathematics, Physics, Social Sciences, i.e. History and Geography would be available in 1970 or 1971.

It was explained that the University could not make use of the tests in the immediate future and that the Department of Education would be involved in any consideration of the use of the tests. However, it was explained that the University was committed to support the Service financially, at least until 1970.

It was pointed out that although the B.C.T.F. in their letter of March 18, 1968 had recommended that the University withdraw its support of SACU, they were really only objecting to one of the purposes of SACU.

The Committee on Honorary Degrees

The Chairman of the Honorary Degrees Committee, Dean J. F. McCreary, reported that since Senate had decided to confer an honorary degree on Mr. P. A. Woodward, his health had deteriorated considerably, and it was unlikely that he would be well enough to attend the ceremony. The Dean requested Senate's permission for arrangements to be made for Mr. Woodward to receive his degree in whatever manner his health would permit.

The Committee on Honorary Degrees (Continued)

Dean McCreary)
Dr. Gibson)

That Senate agree to Mr. P. A. Woodward receiving his honorary degree in whatever manner his health will permit, including in absentia, if necessary.

Carried

First-Year Students - investigation into final standing

At the previous meeting of Senate Dr. Gibson had given notice of the following motion:

"That the Senate Committee on Admissions together with the Office of Student Services investigate the final standing of all First-Year students registered at the University in the session 1967-68 and, in particular, the failure rates for those who entered with overall averages of 60 - 65%, and with overall averages of 65% and above; further, that the Committee determine the effectiveness in predicting success or failure of the compulsory counselling tests for students in each of these categories who failed; and that the Committee report on these matters as early as possible in the Fall."

Dr. Gibson explained that in the past students with less than 65% on entry did not do well in First Year. Curriculum changes had been made in matriculation courses and the group in First Year this past Winter was the first to come through the new secondary school curriculum. He urged that a study now be made of the effectiveness of our admission standards.

Dr. Belshaw)
Dean Curtis)

That the results of the investigation contained in Dr. Gibson's resolution be gathered together and brought to Senate as early as possible in the Fall.

It was suggested that because of adjustments being made in the curriculum of both secondary schools and the University, it would be some years before a reliable assessment could be made.

The motion was then carried.

Candidates for Degrees - Congregation 1968

Lists of candidates for degrees to be awarded at the Spring Congregation 1968 were circulated at the meeting.

Dean Cowan)
Dean Shaw)

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

Committee on Prizes, Scholarships and Bursaries

The Chairman mentioned that the winner of the Governor General's Gold Medal for the top graduating student in the Faculties of Arts and Science this year was Mr. John Robert Anderson who had achieved an average of 98% in his Fourth Year of the B.A. programme. Mr. Anderson had taken the Honours programme in Psychology.

Mr. Larsen)
Mr. Miller)

That the medals, prizes, scholarships and fellowships be awarded as recommended on List No. 1.

Carried

Other Business

Dean Okulitch thanked Dean Gage on behalf of Senate for the manner in which he had handled the task of Chairman during his term as Acting President.

Dean Gage thanked Dean Okulitch and the Senate for their co-operation which he had much appreciated and which he trusted they would show the new President, Dr. Hare.

Other Business

Dean Gage made a short farewell address to Dean Healy, thanking him for the very fine work he had done as Dean of Arts and wishing him every success in his new post as Vice-President of York University.

Dr. Hall explained that the Department of Education had set up a Committee of representatives from each university under Dr. Perry and as President of the Faculty Association he had approached the Minister of Education on the terms of reference of the Committee. He understood that the terms of reference went far beyond the problem of university finance and the term "Mini Royal Commission" was used.

He urged that Senate should request the Minister to consider asking the Senate of each university in the Province to name a nominee to sit on the committee or to give assurance that when this committee approached academic questions there would be some vehicle by which the Senates of the three Universities could become involved in the discussions.

Dr. Hall)
Dean Cowan)

That Senate request clarification on the terms of reference of the Committee set up by the Department of Education under Dr. Perry and suggest to the Minister respectfully that in academic matters it would be appropriate to have specific representatives from the Senates of each of the three Provincial Universities on this Committee.

Carried

The meeting adjourned at 10.55 p.m.

The next meeting will be held on Wednesday, September 11, 1968.

Secretary

Confirmed,

Chairman

Summary of New Awards and Changes in Awards Recommended to Senate

New Awards

The E.E.N.T. Section, B.C. Medical Association, Scholarship

A scholarship of $225, gift of the Eye, Ear, Nose and Throat Section, B.C. Medical Association, is offered annually to the Final Year student who, during his academic years, has attained the best aggregate standing in the Department of Surgery, sub-specialty of Oto-Ophthalmology.

The British Columbia Psychological Association Gold Medal in Psychology

This gold medal, gift of the British Columbia Psychological Association, is offered for outstanding achievement in the study of Psychology. It will be awarded on the recommendation of the Department of Psychology to a student in the graduating class.

The Edna Baxter Memorial Fund

An annual prize of approximately $75, established as a memorial to Edna Baxter by her friends and colleagues, serves as a tribute to her devoted work as a teacher. This prize will be awarded to a full-time undergraduate in the Faculty of Education who achieves distinction in English 311 (Children's Literature).

The Edgar C. Black Memorial Prize in Honours Physiology

This prize of $50 in memory of Dr. Edgar C. Black, first member of the Department of Physiology at this University, has been provided by contributions from his friends and colleagues. It will be awarded annually to the outstanding student in the graduating class in Honours Physiology.

Chadwick, Potts and Company Scholarship

A scholarship of $100, the gift of Chadwick, Potts and Company Chartered Accountants, will be awarded annually to a student with high standing in the Faculty of Commerce and Business Administration who is proceeding to a further year of study in the Faculty and who has a particular interest in Accounting. In making the award, consideration will be given to ability, character and general academic record of the student.

Summary of New Awards and Changes
in Awards Recommended to Senate

New Awards (Continued)

The Clothing and Textiles Scholarship

This scholarship of $100, gift of a graduate of the School of Home Economics of this University, is offered annually to students entering the Final Year of the programme leading to the B.H.E. degree. It will be awarded to the student selected by the School who has excelled in the fields of clothing and textiles and who, preferably, has taken or will take a course or courses in Marketing, such as Commerce 261.

The Josephine Dauphinee - Ella Hathaway Bursaries

Two bursaries of $100 each, the gift of the Board and Members of the Vancouver Business and Professional Women's Club in honour of Josephine Dauphinee and Ella Hathaway, are offered to teachers training specifically in the field of the instruction of retarded children. The awards will be made on the recommendation of the Faculty of Education to the Scholarship Committee of the University.

The Walter Gage Scholarship

The Board of Governors has authorized the offering of a scholarship in the sum of $500 to be called the Walter Gage Scholarship to be made available from University funds for a period of ten years commencing in the Winter Session 1969-70. The conditions of the award are to be determined by Dean Gage with Senate's concurrence but a tentative proposal is that the award be open to a student in any year or faculty who demonstrates high qualities of scholarship and character.

Lange Medical Publications Award

Twenty books will be awarded annually by Lange Medical Publications. A choice of four books will be awarded to each of the two graduating students selected for excellence in their studies. A choice of any two publications will also be given to two outstanding students from each of the First, Second and Third Years of the medical course. Names of the winners will be announced at the end of the session.

Summary of New Awards and Changes
in Awards Recommended to Senate

New Awards (Continued)

The Gladys Ledingham Award

A cash award of $75, gift of the Victoria and District Parent-Teacher Council, is offered to students who have graduated from the University of Victoria, the University of British Columbia, or Simon Fraser University. It will be awarded to a student selected by the School of Librarianship, University of British Columbia, who has been accepted for the Bachelor of Library Science degree. The winner will be selected by the School of Librarianship on the basis of need and scholastic ability. Application should be made on the University Bursary form by July 15.

The Hugo E. Meilicke Memorial Fund

This fund was established by the late Hugo E. Meilicke who, for many years, gave distinguished service to the community through his business associations and through active participation in organizations such as the Kiwanis Club, the Salvation Army, the Vancouver Foundation, the Crippled Children's Hospital, the Vancouver Art Gallery, and the Vancouver Symphony Society. The annual income provides scholarships in various fields, such as Agriculture, Political Science, Commerce, Fine Arts, and Music. The awards will be made on the recommendation of the Joint Faculty Committee on Prizes, Scholarships and Bursaries.

The Margaret Merrell Memorial Scholarship

As a memorial to Margaret Merrell, and in tribute to the affectionate esteem in which she was held by all who knew her, this scholarship has been established by her husband, Dr. J. H. Merrell. In the amount of $100 annually, it will be awarded by the University to a student in the Dental Hygiene programme. In selecting the winner consideration will be given to academic standing, personal qualities, character, and need.

The Robert Lorne Stanfield Book Prize in Political Science

A book prize of the value of $65 annually will be awarded on the recommendation of the Department of Political Science to a student with an outstanding record in this field of study. This award was provided by individual donors on the occasion of Mr. Stanfield's first official visit to British Columbia as Leader of the Opposition.

Summary of New Awards and Changes in Awards Recommended to Senate

New Awards (Continued)

The R. M. Thompson Memorial Scholarship

A scholarship from the proceeds of a fund established in memory of the late Robert Mitchell Thompson, Professor of Geology at the University of British Columbia, will be awarded to an undergraduate pursuing a geological programme in the Faculties of Science or Applied Science. The award, valued at approximately $250, will be made on the basis of academic ability, personal qualities and participation in such student activities as those of the G. M. Dawson Club. The recipient will be chosen by the Department of Geology. If, in the opinion of the Department, no appropriate candidate is available, the scholarship will not be awarded.

Thorne, Gunn, Helliwell and Christenson Scholarship

A scholarship of $200, the gift of Thorne, Gunn, Helliwell and Christenson, Chartered Accountants, will be awarded annually to a student with high standing in the Faculty of Commerce and Business Administration who is proceeding to a further year of study in the Faculty and who has a particular interest in Accounting. In making the award, consideration will be given to ability, character and general academic record of the student.

The Daniel M. Young Memorial Scholarship

In memory of Daniel M. Young (B.A., 1952), who tragically lost his life in December, 1967, the Friends of the University of British Columbia Incorporated, in co-operation with his wife, have established a scholarship of $500 to be awarded in the Fall of 1968. This scholarship will be awarded to a student whose home is in the United States and who is beginning or continuing studies at the University of British Columbia. The award will be made on the basis of personal qualities and academic standing.

Changes in Awards

Agriculture Women's Undergraduate Society Bursary

Increased from $75 to $100 annually.

Summary of New Awards and Changes
in Awards Recommended to Senate

Changes in Awards (Continued)

American Smelting and Refining Co.

A second scholarship of $500 has been provided plus a grant to the Department of $500 for students in Mining or Geology.

Native Daughters of British Columbia Scholarship

Increased from $150 to $200.

North Fraser Harbour Commissioners Scholarship

Increased from $500 to $750.