Wednesday, January 18, 1978.

The Fifth regular meeting of the Senate of The University of British Columbia for the Session 1977-78 was held on Wednesday, January 18, 1978 at 8.00 p.m. in the Board and Senate Room.

Present: Vice-President M. Shaw (Acting Chairman), Dean J. H. M. Andrews, Mrs. M. F. Angus, Dr. C. E. Armerding, Dr. C. S. Belshaw, Ms. J. P. Blandford, Dr. K. T. Brearley, Dr. T. H. Brown, Rev. P. C. Burns, Mr. N. F. Chang, Dr. D. H. Copp, Mr. C. K. Cramer, Dr. J. D. Dennison, Dr. P. J. Dooling, Dr. B. A. Dunell, Miss L. R. Erdman, Mrs. F. Field, Dean W. D. Finn, Dr. C. V. Finnegan, Dean E. M. Fulton, Dean J. A. F. Gardner, Mr. B. Gilfillan, Mr. R. H. Goodwin, Dr. R. F. Gray, Dr. D. Haley, Dr. T. D. Heaver, Mr. A. Hedstrom, Miss W. J. Hudson, Dr. L. D. Jones, Miss A. M. Katrichak, Dr. W. M. Keenlyside, Dr. L. Kraintz, Mr. J. Kulich, Mrs. W. T. Lane, Dean P. A. Larkin, Dr. D. J. MacDougall, Mr. J. M. MacIntyre, Mr. A. O. McNeil, Dr. J. H. McNeill, Mr. J. F. McWilliams, Rev. J. P. Martin, Dr. H. Mitchell, Dr. B. N. Moyls, Mrs. N. B. Noble, Mr. R. F. Osborne, Dr. P. H. Pearse, Mrs. M. L. Peters, Dr. M. E. Prang, Dr. J. F. Richards, Dean B. E. Riedel, Dr. V. C. Runeckles, Mr. J. H. Russell, Dr. S. O. Russell, Dr. R. A. Shearer, Dr. J. G. Silver, Dr. J. K. Stager, Mr. G. A. Thom, Dean G. M. Volkoff, Miss C. L. V. Warren, Mr. E. Warren, Dean W. A. Webber, Mr. R. S. Whyte, Dean R. M. Will, Dr. J. L. Wisenthal, Acting Dean D. J. Yeo.

Observer: Mr. J. A. Banham

Messages of regret for their inability to attend were received from Chancellor D. F. Miller, Dr. C. B. Bourne, Mr. D. M. Brousson, Dean W. D. Kitts, Dean P. A. Lusztig, Miss E. McCann, Mrs. H. McCrae, Dr. C. A. McDowell, Dr. R. F. Sharp, Mr. B. Stuart-Stubbs.

Senate Membership

The Chairman informed Senate that Dr. C. E. Armerding would be acting as the Regent College representative on Senate during Dr. Houston's leave-of-absence.

Minutes of the previous meeting

Dean Gardner)
Dr. Brearley) That the minutes of the Fourth regular meeting of Senate for the Session 1977-78, having been circulated be taken as read and adopted.

Carried

Business arising from the Minutes

Report of the Committee on Criteria for Affiliation of Theological Colleges (P.6933)

Mrs. Field presented the report. It was explained in the report that the committee had been established in February 1977 to examine the criteria for the affiliation of theological colleges and to consider the desirability of having reviews of affiliations every five years.

Several members of Senate had responded to an invitation to make submissions to the committee and written briefs had been presented in person by the principals of the Vancouver School of Theology, St. Mark's College, Regent College and Carey Hall.

It was stated that affiliation of theological colleges with the University was currently governed by the Statute of Senate dated February 18, 1920 and a set of nine criteria that were adopted by Senate at its meeting of May 14, 1958.

The committee, in its consideration of the criteria, had broadened its discussions to include the possibility of recommending to Senate that the practice of having affiliated theological colleges might be discontinued altogether. Three different possible courses of action that might have been recommended were considered by the committee, i.e.:-

1. The practice of having affiliated theological colleges should be discontinued and present affiliations terminated.
2. The policy should be adopted of entering into no new affiliations in the future, but present affiliations to be maintained subject to a set of criteria and review.
3. The present policy of affiliation should be continued with an updated set of criteria.

The committee's report presented at the November 16, 1977 meeting of Senate recommended the adoption of the second of the above courses of action. After considerable discussion Senate had rejected that recommendation. From the discussion it had been clear that Senate definitely favoured the third position and the matter was referred back to the committee for further consideration.

The committee submitted a brief report outlining a set of revised criteria for the Senate meeting of December 14, 1977 but the Agenda Committee had recommended that the report should be resubmitted in the form of a new Statute of Senate delineating the formal relationship with current affiliated theological colleges as well as with those that might become affiliated in the future.

In response to that request the committee prepared the following draft of a Statute to replace the one dated February 18, 1920:-

Business arising from the Minutes

Report of the Committee on Criteria for Affiliation of Theological Colleges (continued)

STATUTE OF THE SENATE

of

THE UNIVERSITY OF BRITISH COLUMBIA

AFFILIATION OF THEOLOGICAL COLLEGES

January 18, 1978

The Senate of The University of British Columbia, under the powers conferred by the Universities Act, 1974, enacts as follows:-

(a) Any incorporated theological college in this province desiring affiliation with The University of British Columbia shall make application therefor to the Secretary of the Senate and the Secretary of the Board of Governors of the University and shall furnish with its application a copy of its calendar.

(b) No such college shall be admitted to affiliation unless by a two-thirds vote of the members of Senate present at a regular meeting thereof, and also by a two-thirds vote of the governors present at a meeting of the Board of Governors. Nor shall the question of such admission be put to vote at such meeting of the Senate until after opportunity has been given to the several Faculties to make such representation as they may see fit; nor yet, unless by unanimous consent of the members of Senate present at such meeting until the expiration of three months' notice.

(c) Any affiliated theological college may at any time, by duly notifying the Senate to that effect, withdraw from affiliation with the University provided that one year's notice of withdrawal has been given.

(d) The Senate may also at any time, by the like vote and under the like restrictions as are above prescribed for the admission of a college to affiliation, terminate the affiliation of any theological college with the University provided that a one year notice of withdrawal of the affiliation has been given by the University.

(e) An affiliated college must agree, as a condition of affiliation, to provide the following statement in all of its publications that indicate affiliation with the University including students' transcripts of records:

> "Affiliation does not imply endorsement by The University of British Columbia of the academic programs of the College."

(f) The criteria for affiliation of theological colleges are as follows:-

(i) A college shall be incorporated in the Province of British Columbia with power to confer and grant degrees in theology.

(ii) A college shall be, and shall remain in good standing with a recognized religious community or with other theological colleges affiliated with The University of British Columbia, or both.

(iii) A college shall have a physical presence on, or juxtaposed to, the campus of the University.

Business arising from the Minutes

Report of the Committee on Criteria for Affiliation of Theological Colleges (continued)

(iv) A college shall appoint to its regular teaching staff only people who have the equivalent standard of training normally required in university work, preferably an advanced degree in theology or a related discipline.

(v) A college

(a) with an academic program leading to a degree shall have at least four full-time properly qualified faculty in residence, or

(b) with an academic program not leading to a degree shall have at least two full-time properly qualified faculty in residence.

(vi) A college shall normally require university graduation as a prerequisite for admission to its academic programs leading to a degree. Though a college would have the right to admit to its degree programs some students without previous university training, these should not ordinarily constitute more than one-fifth of the total number of students registered in such programs. University matriculation should be required as a minimum.

(vii) A college offering courses in theology shall do so at an academic standard acceptable to the appropriate recognized theological accrediting agency associated with the religious community of that college.

(viii) A college shall maintain, or otherwise supply, library resources adequate to the academic programs which it offers. These resources shall be made available to the university community.

(ix) A college shall have a sufficient degree of separateness and independence from any other institution:

(a) to identify its assets and its expenditures

(b) to mark its specific functions as a theological college, and

(c) to give it a governing body of its own.

(x) A college shall submit a resume of its academic operations to the Secretary of Senate annually and shall be prepared to respond to a request from the Senate for a review of its activities from time to time.

(xi) A college shall allow the Senate of the University to have a representative on the academic planning body of the college.

(g) The Statute of Senate dated February 18, 1920 and the resolution of Senate dated May 14, 1958 are hereby repealed and replaced by sections (a) to (f) above.

Most of the provisions of the old Statute had been retained in their original form. The very general first clause of the old Statute had been replaced by a set of more specific criteria, and a new criterion (clause (e)) had been added.

Business arising from the Minutes

Report of the Committee on Criteria for Affiliation of Theological Colleges (continued)

The committee had considered at length whether criterion (x) concerning reviews should stipulate a definite five-year period. The committee decided not to impose a rigid schedule and formulated the proposed criterion applicable to affiliated colleges in a form consistent with the policy applicable to administrative units within the University recently adopted by Senate.

Since the proposed Statute was a general statement no mention was made of specific colleges having affiliation at the present time. The committee expressed the opinion, based on briefs received and on interviews with the Principals, that the three currently affiliated colleges, i.e. Vancouver School of Theology, St. Mark's College and Regent College, satisfied the criteria proposed in the new Statute except for the new clause (e). It was stated that if the Statute were adopted in its new form the three colleges would be expected to conform with all its provisions in their future publications.

In addition to the draft Statute the report included, for information, a proposed statement on the affiliation of theological colleges to appear in The University of British Columbia Calendar.

Mrs. Field)
Dr. Dennison) That the report be adopted.

Carried

Mrs. Field)
Dean Gardner) That the Statute of Senate of January 18, 1978 for the affiliation of theological colleges be adopted.

Objections were raised concerning the "negative" tone of clause (e).

In amendment:

Dr. Burns)
Dr. Kraintz) That clause (e) be amended to read:-

An affiliated college must agree, as a condition of affiliation, to provide the following statement in all of its publications that indicate affiliation with the University inlcuding students' transcripts of records:

"These programs and courses are offered by virtue of the college's provincial charter not by virtue of the college's affiliation with The University of British Columbia."

Lost

Business arising from the Minutes

Report of the Committee on Criteria for Affiliation of Theological Colleges (continued)

In amendment:

Dr. Pearse)
Dr. Dunell)

That clause (e) be amended to read:-

An affiliated college must agree, as a condition of affiliation, to provide the following statement in all of its publications that indicate affiliation with the University including students' transcripts of records:

"The granting of affiliation means that the college meets the criteria for affiliation established by the Senate of The University of British Columbia but does not imply any scrutiny or approval of the course offerings of the affiliate by the University Senate."

Carried

In amendment:

Dr. Pearse)
Dr. Shearer)

That clause (f) (v) be amended to read:-

A college must maintain an academic program, either

(a) leading to a degree, in which case it shall maintain at least four full-time properly qualified faculty in residence, or

(b) not leading to a degree, in which case it shall maintain at least two full-time properly qualified faculty in residence.

Carried

In amendment:

Dr. Stager)
Dr. Kraintz)

That clause (f) (x) be amended to read:-

A college shall submit a resume of its academic operations to the Secretary of Senate annually and shall be prepared to respond to a request from the Senate from time to time for a review of its conformity to the criteria for affiliation.

Carried

The motion, as amended, was put and carried.

Committee on Prizes, Scholarships and Bursaries

Dr. Dennison)
Dr. Kraintz)

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

Carried

Report on Scholarships and Bursaries

A report containing a summary of awards for the 1976-77 academic year had been circulated for information.

Reports of Committees of Senate

Curriculum Committee (See Appendix 'B')

Faculty of Agricultural Sciences

Dr. Runeckles)
Dr. Brearley) That Senate approve the proposal of the Faculty of Agricultural Sciences to offer a new program leading to the degree of Bachelor of Landscape Architecture (B.L.A.).

Dr. Finnegan stated that the admission requirements outlined in the proposal did not conform to the regulations recently approved by Senate for the admission of Grade 12 students.

Dr. Finnegan)
Dean Will) That the statement regarding admission to the proposed Bachelor of Landscape Architecture program be referred to the Senate Admissions Committee.

Carried

Dr. Runeckles)
Dean Gardner) That course changes recommended by the Faculty of Agricultural Sciences be approved.

Carried

Faculty of Applied Science

Dr. Runeckles)
Dean Finn) That new courses and course changes recommended by the Faculty of Applied Science be approved.

Carried

Faculty of Arts

Dr. Runeckles)
Dean Will) That new courses and course changes recommended by the Faculty of Arts be approved.

Carried

The committee also recommended approval of Home Economics 211 (1½) Perspectives in Nutrition and Dietetics. Approval of this course had been withheld at the November 16, 1977 meeting of Senate pending clarification.

Reports of Committees of Senate

Curriculum Committee

Faculty of Arts (continued)

Dr. Runeckles)
Dean Will) That the proposal of the Faculty of Arts to offer a new course, Home Economics 211, be approved.

Carried

Faculty of Commerce and Business Administration

Dr. Runeckles)
Dr. Heaver) That course changes recommended by the Faculty of Commerce and Business Administration be approved.

Carried

Faculty of Dentistry

Senate concurred with the recommendation of the Curriculum Committee that the proposed Baccalaureate Program in Dental Hygiene not be approved in its present form.

Faculty of Education

Dr. Runeckles)
Dean Andrews) That new courses, a new concentration and course changes recommended by the Faculty of Education be approved.

Carried

Faculty of Forestry

Dr. Runeckles)
Dean Gardner) That a new course and course changes recommended by the Faculty of Forestry be approved.

Carried

Dr. Runeckles)
Dean Gardner) That a Diploma in Administration for Foresters recommended by the Faculty of Forestry be approved.

Carried

Faculty of Graduate Studies

A proposal to offer an M.Sc. thesis and Ph.D. thesis in Oceanography was withdrawn pending further discussion.

Dr. Runeckles)
Dean Larkin) That new courses and course changes recommended by the Faculty of Graduate Studies be approved.

Carried

Reports of Committees of Senate

Curriculum Committee

Faculty of Graduate Studies (continued)

Dr. Runeckles)
Dean Larkin) That the proposal of the Faculty of Graduate Studies that the M.A. degree program in Comparative Literature be expanded to include the option "without thesis", i.e. in the category "program with comprehensive examination" be approved.

Carried

Dr. Runeckles)
Dean Larkin) That the proposal of the Faculty of Graduate Studies that the Master of Arts degree be offered in historical musicology and ethnomusicology, rather than the Master of Music degree which is offered at present, be approved.

Carried

Senate concurred with the recommendation of the Curriculum Committee that the proposed Master of Recreation Administration (M.R.A.) program not be approved in its present form.

Faculty of Medicine

Dr. Runeckles)
Dr. Copp) That new courses in Health Care and Epidemiology recommended by the Faculty of Medicine be approved.

Carried

School of Physical Education and Recreation

Dr. Runeckles)
Mr. Osborne) That a new course recommended by the School of Physical Education and Recreation be approved.

Carried

Admissions Committee

Faculty of Applied Science - new policies in admissions, degree requirements, advancement and student classification

Dr. Finnegan presented the report. The committee recommended that the following proposals concerning admissions, degree requirements, advancement and student classification in the Faculty of Applied Science be approved. Additions and changes to current regulations are indicated by underlining.

Reports of Committees of Senate

Admissions Committee

Faculty of Applied Science - new policies in admissions, degree requirements, advancement and student classification (continued)

1. Admission

Students who complete pre-engineering studies at a college or another university must have grades of "C" or better in all courses and a gradepoint average of not less than 2.7 in the science and mathematics courses. Applications will be considered by the Senate Admissions Committee on an individual basis from students whose gradepoint average in the science and mathematics courses is between 2.7 and 2.0.

2. Transfer from the Faculty of Science

A student with high academic standing who wishes to transfer into Engineering after having taken two or more years in the Faculty of Science will be granted credit for courses of equivalent content and given year status commensurate with the student's background and intended study program. (This is not new but is a more appropriate statement than in the present Calendar).

3. English requirement

English 100 or equivalent is prerequisite for admission to Engineering. However a student deficient this requirement may be considered for admission under the following conditions:

(i) An applicant who has taken First Year Science or equivalent at a college or university in British Columbia and whose only deficiency is failure in English 100 or equivalent may be considered for admission by the Senate Admissions Committee provided the applicant has at least a Class 2 or "B" average in the chemistry, mathematics and physics prerequisites.

(ii) An applicant seeking admission to First, Second or Third Year on transfer from an engineering or appropriate science program in another institution where the equivalent of English 100 is not required, is eligible for admission if other requirements have been met.

(iii) A graduate of an appropriate study program at the B.C. Institute of Technology with an overall average of at least 70% is admissible to First Year and must take English 100 as the Humanities elective in First Year.

(iv) All students admitted under (i), (ii) and (iii) above who enter Engineering without credit for ENGL 100 shall be placed on probation and must complete ENGL 100 before entering the next higher year unless special permission to proceed lacking ENGL 100 is granted by the Faculty.

4. Degree requirements

(a rewording to amend the policy of the present rigid year by year advancement to the degree)

Reports of Committees of Senate

Admissions Committee

Faculty of Applied Science - new policies in admissions, degree requirements, advancement and student classification

4. Degree requirements (continued)

A student shall be granted a B.A.Sc. degree only after obtaining credit for all courses listed in the program of study for a given Engineering Department. This requirement will normally be met by completing four Winter Sessions with full unit load. With the approval of the Office of the Dean a student may be allowed to study on a part-time or accelerated basis. Credit may be granted for courses completed during the Spring or Summer Sessions.

A student transferring from an Engineering program at another university or from a Science Faculty may be granted exemptions from certain courses if the student has completed courses of substantially equivalent content. Some courses may also be waived if the student has credit for other courses which provide an alternate broad background of knowledge in areas which may be of benefit in the branch of Engineering concerned. Such waiving of courses must be approved by the Office of the Dean with the concurrence of the Head of the Department concerned.

5. Advancement

A student will be classified as "Fail" in a Winter Session on obtaining an overall average below 50% or on passing in less than 65% of the study program undertaken.

In a failed year a student shall be granted credit for any course having at least Class 2 standing or, for Humanities elective courses, Pass standing. All other courses must be repeated, including laboratory work, unless for passed courses exemption is granted by the course instructor.

A student in a Winter Session not classified as "Fail" but who has failures in some courses, may write supplemental examinations in all failed engineering courses and in such other courses as regulations permit. Such examinations may be written only once and normally during the summer following the Winter Session. In the Fourth Year a supplemental may be written twice.

6. Classification of students

(Current policy requires every student to take a full study program and replace courses for which advance credit has been granted. The proposal relaxes this requirement but maintains a clear distinction between "full-time" and "part-time" students which is necessary for administrative purposes.)

Regular students are classified as "full-time" or "part-time" as follows:

A "full-time" student shall have a course load in the Winter Session such that the sum of session units of courses taken plus any advance credit units is equal to or greater than the full unit load of the Year and Department in which the student is registered, provided that the session units are at least 80% of the full unit load. Courses required for the 80% minimum may be from the next higher year. A student may take more than the full unit load with the approval of the Office of the Dean.

Reports of Committees of Senate

Admissions Committee

Faculty of Applied Science - new policies in admissions, degree requirements, advancement and student classification

6. Classification of students (continued)

A student who has approval for a unit load in a Winter Session which is less than that required for full time status shall be classified as a "part-time" student. A part-time student will not normally be eligible for scholarships or for Honours standing.

A student who is taking courses from more than one year level shall be given year status based on the lowest year level courses.

7. Probation

(Current policy prohibits a student entering Second Year with deficient standing and limits admission to Third and Fourth Year also. With more flexible promotion possible in the new proposals there is need for rules to keep tab on students with deficiencies.)

A student who has passed the previous Winter Session but still has failed courses outstanding from that session after the supplemental examinations shall be placed on "probation". The following regulations apply for probation students:

(i) deficient courses must be repeated during the year of probation

(ii) year status remains that of the deficient courses

(iii) a student with 3 units or less of deficient courses may register for the full program of study of the next higher year

(iv) a student with more than 3 units of deficient courses may take courses from the next higher year but the total unit value of such courses shall not exceed 65% of the full unit load of the year and Department concerned.

Any student who does not pass the deficient courses within the probationary academic year shall have his academic record reviewed by the Committee on Admissions and Standing and may be asked to withdraw as a regular student from the Faculty until the course deficiencies are made up.

8. Honours Standing

On graduation a student will be granted Honours standing if he/she obtains an average of at least 80% in the Winter Session of the Final Year and a minimum of 75% with no supplementals in each of the preceding three Winter Sessions. To be eligible a student must have had full-time status for all four years.

Reports of Committees of Senate

Admissions Committee

Faculty of Applied Science - new policies in admissions, degree requirements, advancement and student classification (continued)

9. Implementation

The new proposals on Advancement are much fairer as far as the students are concerned and there is wide-spread approval for an immediate change. For the last two years there has been a considerable movement towards single term courses of lower unit value. Students inadvertently have been put in a more difficult position with respect to passing based on the present definition of failure.

The Senate Admissions Committee concurs with the recommendation of the Faculty of Applied Science that the new regulations become effective immediately.

Dr. Finnegan)
Dean Finn)

That Senate approve the new policies outlined in admissions, degree requirements, advancement and student classification in the Faculty of Applied Science.

Carried

Faculty of Commerce and Business Administration - student performance in failed years

A proposal concerning student performance in failed years had been referred to the Senate Admissions Committee at the previous meeting. After making some amendments to the wording of the proposal the committee recommended approval.

Dr. Finnegan)
Dr. Heaver)

That Senate approve the proposal of the Faculty of Commerce and Business Administration that a student who is permitted to re-enrol following a "failed year" is required to repeat all courses taken in the year of failure except:-

(a) elective courses

(b) required courses given Class I standing

(c) required courses given Class 2 standing if all other courses had gradings of at least 40%.

Carried

Continuing Education

The annual report of the Centre for Continuing Education 1976-77 had been circulated together with reports on continuing education programs in Health Sciences, Commerce and Social Work.

Reports of Committees of Senate

Continuing Education (continued)

Dr. MacDougall presented the following report of the committee which had also been circulated:-

"1. The reports make clear the immense contribution that this University makes to the intellectual life of the province - over and above the traditional on-campus, credit programs. The total registrations are as follows:

Centre for Continuing Education		33,377
Health Sciences		8,515
Commerce (Executive programs)		1,895
Commerce (Diploma division)		7,784
Social Work		1,440
	TOTAL:	53,011

You should note that these figures do not include the 8,396 students who registered for courses offered by the University through the Office of Extra-Sessional Studies. This was the subject of a separate report to the November, 1977 meeting of Senate.

2. The continuing education activities of the University can be divided into three broad categories: (1) credit programs; (2) non-credit professional programs; and (3) non-credit general programs. The credit programs consist, in the main, of correspondence, or independent study courses. The number of registrants is relatively small (1001). However we should beware of using that as a test of their importance. The Guided Independent Study Program represents an attempt by this University to offer courses, comparable to those available on campus, to people outside the Lower Mainland. In addition, the Faculty of Education offered 37 courses in off-campus locations through the Office of Extra-Sessional Studies.

The Interior University Programs Board (which was established by the Provincial government after the Winegard Report) is currently considering how upper-level courses can be made available to residents outside the lower mainland. The work of the Board was discussed in a recent report from Professor Shearer to this Senate. Neither this University nor the Provincial government should lose sight of the fact that proper academic standards must be maintained. Residents in the Interior would not be well served by the creation of an inferior educational system. We recognize that the government is committed to expanding the educational opportunities available to people resident outside the lower mainland. We believe that the existing guided independent study programs represent an important contribution to that objective and we are prepared to expand our efforts in that area - within the limitations imposed by the need to ensure that the courses must meet appropriate academic standards.

3. Our non-credit professional programs (especially those in the health sciences, commerce, education, law and social work) represent a significant contribution by the University towards helping professional men and women maintain their professional competence. They are clear evidence of the extent to which this University is an important provincial resource.

4. The non-credit general programs continued to attract a significant number of participants, both in Vancouver and in the rest of the province.

Reports of Committees of Senate

Continuing Education (continued)

5. You should note page 6 of the Report of the Centre, which shows the location of the programs offered by this University through the Centre for Continuing Education. Unfortunately we don't have a comparable analysis for the programs offered by this University through the other continuing education units (Health Sciences, Commerce and Social Work) but a substantial number of the Commerce programs, for example, are also offered in locations outside Greater Vancouver.

6. One of the difficulties faced by the continuing education units of this University during both the past year (1976-77) and the current year (1977-78) was the knowledge that changes in provincial government policy were imminent. The Winegard Commission (on university programs in the non-metropolitan areas) and the Faris Committee (on continuing and community education) submitted their reports. These reports led to the creation of the Interior University Programs Board, and administrative changes within the Ministry of Education. These changes represent both an opportunity and a challenge. It is clear that the provincial government intends to increase its interest in, and the funds available for programs in the interior and continuing education generally. In that sense provincial government's plans may facilitate the expansion of these areas of this University's activities. It is important, however, both to this University and to the province generally, that there should be a continuing dialogue between the Ministry of Education and appropriate representatives of this University about the advantages and disadvantages of the various alternatives open to the government. We have substantial commitments in these areas which could be threatened by changes in government policy. At the same time we need to be aware of changes in government policy which permit us to expand, or improve, our existing programs. There is no doubt that this is putting an additional burden on those responsible for this University's continuing education activities."

Faculty of Medicine

Medical School Expansion

Senate was informed that the Faculty of Medicine proposed increasing undergraduate enrolment in the medical school by eight students, i.e. from 80 to 88, in 1978.

Dean Webber reminded members that Senate, at its meeting of December 15, 1976, passed a resolution permitting undergraduate enrolment in the medical school to be increased by twenty students in 1978 subject to the necessary resources being available.

Operating funds had not been made available as early as hoped. After a review of the resources available for expansion, and consideration of the comments of the accreditation team which visited the Faculty in November 1977 and advised that an increase of no more than twenty students should take place over the next two years, it was decided that enrolment be increased by eight instead of twenty.

Advertising of U.B.C. Job Vacancies

At its meeting of November 16, 1977, Senate passed the following resolution:-

"That the Senate resolution of March 24, 1971 concerning the mandatory advertising of U.B.C. job vacancies nationally in Canadian publications be modified by providing the possibility in well documented cases of making administrative appointments of Heads of Departments, Directors of Schools and Institutes, Deans of Faculties and Vice-Presidents, internally without necessarily advertising such vacancies outside the University."

The resolution was referred back to Senate by the Board of Governors with a request that Senate provide the Board with a definition of the words "well-documented cases" and the criteria of what constitutes "well-documented cases" and also that Senate review the necessity of including Deans of Faculties and Vice-Presidents in the resolution.

The following response to that request had been circulated:-

" In response to the request from the Board of Governors the following comments are offered by Senate in clarification of the words "well-documented cases" in the Senate resolution of November 16, 1977.

The occasion of a Department Head stepping down, but not resigning from the University or retiring, thus requiring additional budgetary provision if an outside candidate were to be appointed as Head, should be an appropriate time for a review of the Department along the lines recently approved by Senate. It would be hoped that such a review would establish whether there exists a demonstrable need for infusion of additional resources to make an external appointment possible. If such a need is demonstrated external advertising would naturally follow.

In the event that a review committee cannot be appointed at the time that a resignation of a Head is anticipated or effected or a review has been completed recently, the mover and seconder of the original motion had in mind the following procedure.

The advisory committee appointed by the President's Office to assist the President in selecting a candidate to be recommended to the Board would canvass opinions of:

a) Members of the Department for which a new Head is being sought.

b) Deans of those Faculties and Heads of those Departments who have an interest in and knowledge of the functioning of the Department.

c) A selective group of knowledgeable senior individuals in well-established Departments in the same field in major Canadian Universities, and, in the case of professional fields, practising the profession outside a University.

One of the questions addressed to the above groups would be whether the respondent is aware of any compelling reasons why an external appointment might be deemed definitely advisable in the particular case.

The advisory search committee would also interview internal candidates who would in any event be considered whether the position is advertised externally or not.

Advertising of U.B.C. Job Vacancies (continued)

As a result of its evaluation of the responses received from all sources and of its evaluation of the local candidates, the Committee would then submit a report to the President outlining in detail the steps taken and the responses received, and stating either that in the judgement of the Committee there exist no special problems requiring an outside appointment, and that a strong internal candidate is available, or alternatively that there are reasons why outside advertising is desirable.

The decision as to the adequacy of the documentation presented would naturally rest with the President.

The mover and seconder of the original omnibus resolution were primarily concerned at the Deans' level with the budgetary implications of external appointments of Heads of Departments and Directors of Schools and Institutes. It is their understanding from a subsequent discussion with the President that it is his intention to continue advertising all vacancies for Deans and Vice Presidents."

Dean Volkoff)
Dean Will)

That the above statement be approved by Senate as a response to the request from the Board of Governors for clarification of the resolution of Senate of November 16, 1977.

Carried

Composition of committees for the selection of Deans

Mr. Hedstrom)
Mr. Goodwin)

That the composition of selection committees for Deans be reviewed by a joint Senate-Board committee.

It was explained in the proposal circulated to Senate that the current principles for committees to select a Dean (adopted by Senate on March 19, 1975) provided for a minimum of two students on the committee. There was no guarantee that there would be enough student positions for every student society within a Faculty to be represented. In the Faculty of Applied Science there were three student societies (Engineering, Nursing and Architecture) but only two students were able to sit on the committee recently appointed to select a new Dean of Applied Science.

Following a brief discussion the motion was lost.

Tributes Committee

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

Tributes Committee (continued)

Honorary Degrees

Dr. Stager informed Senate that the following persons had accepted invitations to receive honorary degrees at the 1978 Congregation:-

Harry V. Warren
Robert E. Bell
Jack Shadbolt
Dorothy Blakey-Smith
Thomas A. Dohm
L. J. Wallace

The meeting adjourned at 10.35 p.m.

The next regular meeting of Senate will be held on Wednesday, February 15, 1978.

Secretary

Confirmed,

Chairman

APPENDIX 'A'

New Awards recommended to Senate

The Ernest Salsbury Earle Prize in Risk Management - A prize in the amount of $100 has been made available by the late Ernest S. Earle, CLA, and members of his family. Until his retirement in 1971, Mr. Earle was a general insurance adjuster and President of Vancouver Adjustment Bureau Ltd., and was an advisor to senior governments in matters concerning natural disasters. The prize will be made to a deserving third year student in the Risk Management course, who is proceeding to the final year in the Faculty of Commerce and Business Administration. The award will be made on the recommendation of the Faculty.

The Frank Gnup Memorial Scholarship - A scholarship in the amount of $500 has been made available by family and friends as a memorial to Frank Gnup who was for many years coach of the U.B.C. Football Team and an instructor in the School of Physical Education and Recreation. The award will normally be made to a student entering U.B.C. for the first time. It will be made to a student combining scholarship and financial need with qualities of leadership and an interest in athletics. Students wishing to apply for the scholarship should apply by letter, including an up-to-date academic transcript, and indicating full particulars on their qualifications. Applications must be submitted no later than July 1st and should be directed to the Frank Gnup Memorial Fund Committee, c/o The Awards Office, Room 50, General Services Administration Building, University of B. C., Vancouver, B. C., V6T 1W5. The winner will be selected by the University Awards Committee in consultation with the Frank Gnup Memorial Fund Committee.

The India Club of Vancouver Scholarship - A scholarship in the amount of $250, donated by the India Club of Vancouver, will be awarded to a student in the Department of Asian Studies. The award will be made on the recommendation of the Department to a student with particular interest in either the introductory Hindi or the introductory Sanskrit courses.

The Japan Foundation Summer Language Scholarships in Japanese - Full or partial tuition scholarships to a total of $8,750 will be awarded to students taking basic, intermediate, or advanced Japanese courses offered in Summer Session. These scholarships are made possible by a gift from the Japanese Government and from the Japan Foundation on the occasion of former Prime Minister Kakuei Tanaka's visit to Canada in 1974. The awards will be made to students on the basis of their academic standing. Applications are available from the Department of Asian Studies and must be submitted to the Department no later than May 1st.

The Law Foundation Scholarship - Two scholarships of $3,500 each have been made available by the Law Foundation of British Columbia. These awards will be made to outstanding students entering the first year in the Faculty of Law. Subject to satisfactory performance, the awards may be renewed to completion of the program.

The Dean Earle D. MacPhee Doctoral Fellowship in Commerce and Business Administration - One or more fellowships of approximately $2,000 each will be available annually for students engaged in doctoral studies in the Faculty of Commerce and Business Administration. The fellowships have been made available to honour Earle D. MacPhee, the first Dean of the Faculty. The awards will be made on the recommendation of the Faculty.

APPENDIX 'A'

New Awards recommended to Senate (continued)

The New York Life Insurance Company Medical Student Scholarship - A scholarship in the amount of $3,000, gift of the New York Life Insurance Company, will be offered to a student entering the first year of the Faculty of Medicine. In making the award, the financial circumstances of the student will be taken into consideration. The award will be made on the recommendation of the Faculty, and at the Faculty's option may be divided between two students. The award will be renewable subject to the recipient's continued satisfactory performance.

The Dr. Irving E. Snider Scholarship - A scholarship in the amount of approximately $175 has been donated by Dr. Irving E. Snider. The award will be made on the recommendation of the Faculty to the student entering the fourth year in the Faculty of Dentistry and having the highest standing in removable prosthodontics.

APPENDIX 'B'

Course and curriculum proposals

FACULTY OF AGRICULTURAL SCIENCES

Plant Science

Changes	Plant Science 431 - Change in title and description:- now Biological Responses to Weather

Poultry Science

Changes	Poultry Science 404 and 414 to be offered in alternate years

Soil Science

Changes	Soil Science 418 - change in description, title and units 417 - change in description and title 321 - change in description 311 - change in prerequisites

FACULTY OF APPLIED SCIENCE

Chemical Engineering

New courses	Ch.E. 477 (1) Electrochemical Engineering 472 (1) Hydrocarbon Processing
Changes	Ch.E. 498 - change in title and unit value 476 - change in hours and unit value

Civil Engineering

New course	C.E. 493 (1) Case Studies of Construction Methods
Change	C.E. 471 - change in title, hours and description

Electrical Engineering

New course	E.E. 467 (1½) Introduction to Microprogramming
Change	E.E. 471 - change in title

Engineering Physics

Deletion	Physics 459
New courses	Physics 359 (½) Techniques of Experimental Physics APSC 459 (3) Engineering Physics Projects

APPENDIX 'B'

FACULTY OF APPLIED SCIENCE

Engineering Physics (continued)

Revise Mechanical option in Third Year by changing:

Option 2 from	APSC 270 Mechanics of Solids M.E. 364 Engineering Design M.E. 384 Fluid Dynamics
to	APSC 270 Mechanics of Solids M.E. 364 Engineering Design and one of M.E. 384 Fluid Dynamics
or	M.E. 363 Mechanics of Materials

Mechanical Engineering

Change	M.E. 474 - change in hours

FACULTY OF ARTS

Anthropology & Sociology

Deletion	Anthropology 440
Changes	Anthropology 240 - change in description 433 - change in description and units
	Sociology 210 - change in description and title

Economics

New course	Economics 320 (1½) Introduction to Mathematical Economics

Change in departmental requirements:

Substitute "Mathematics 100 and 101 are required" for "Mathematics 100; 101 is recommended."

Fine Arts

New course	Fine Arts 469 (3) Seminar in North American Indian Art

French

New courses	French 105 (3) Beginning French 403 (3) Survey of French-Canadian Literature in Translation 421 (3) French-Canadian Literature 427 (3) Seminar in Advanced Translation

APPENDIX 'B'

FACULTY OF ARTS

French (continued)

Changes — French 110 - change in description

Change in departmental requirements:

Delete Linguistics 425 from course of study, Diploma in Translation and substitute French 427 (3) Seminar in Advanced Translation. Revise final NOTE under Diploma in Translation to read: "With the approval of the Program advisor French 427 may be replaced by one of the following courses: Linguistics 425, Creative Writing 415, or Creative Writing 495."

Geography

New course — Geography 444 (1½) Landscape Interpretation

Germanic Studies

New course — Germanic Studies 412 (3) Intermediate Swedish

Departmental offerings: Change "a beginners' course in the Swedish language" to read "an elementary and an intermediate course in Swedish".

Hispanic and Italian Studies

Change — Spanish 492 - change in number and unit value, now 392 (1½/3)d

Deletions — Spanish 381, 487, 492

Change in departmental requirements:

Revise calendar to read:

C. Spanish American, Portuguese and Brazilian literature: 363, 392, 467, 468.

D. Courses in history and culture: 371, 477, 489.
Add: Elective courses recommended: History 350, 450.

History

New courses

History 201 (3) The Colonial Experience in the Americas
202 (3) Modernization in Historical Perspective
203 (3) British Constitutional History
270 (3) Modern China and the West
442 (3) History of the American South
443 (1½) The Family in North America

APPENDIX 'B'

FACULTY OF ARTS

History

New courses (continued)

History 444 (1½) Slave Societies in the Americas
445 (1½) Urbanization in the United States
446 (1½) Dissent and Violence in American History

Deletion — History 200

Transfer of courses — History 350 (3) Latin American History
(formerly in Hispanic and Italian Studies as 381 (3) Latin American History)

History 450 (1½/3)c Selected Topics in Latin American History
(formerly in Hispanic and Italian Studies as 487 (1½/3) Selected Topics in Latin American History)

Changes — History 337 - change in number, now 237
427 - change in number, now 338

Home Economics

New course — Home Economics 211 (1½) Perspectives in Nutrition and Dietetics

Deletions — Home Economics 480, 482, 484, 486, 488, 490, 492, 494
(The above courses were instituted as part of the Diploma Program in Community Nutrition. Since the program will not be implemented the courses will not be offered.)

Philosophy

Changes — Philosophy 100, 373, 383 - changes in descriptions
Philosophy 311 - change in title and description

Political Science

Change — Political Science 202 - change in title and description

Psychology

New course — Psychology 322 (3) Psychology of Aging

Religious Studies

Change in departmental requirements: Revise departmental requirements to read as follows:-

Major First and Second Years: Religious Studies 100 and 3 units selected from Religious Studies 202 and 204.

APPENDIX 'B'

FACULTY OF ARTS

Religious Studies

Change in departmental requirements: (continued)

Third and Fourth Years: Religious Studies 370 (to be taken in the Third Year), plus 12 units to be selected from Religious Studies courses numbered 300 and above (except 471).

Honours Admission:

High second class standing in Religious Studies 100 and 3 units selected from Religious Studies 202 and 204. Continuation in Fourth Year Honours is conditional upon maintaining at least a second class standing.

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Change — Commerce 350 - change in units and hours

Change in course requirements:

Licentiate in Accounting Program - First Year: due to change in unit value of Commerce 350 the first year course requirements are increased from 19½ to 20½ units.

FACULTY OF EDUCATION

New courses

EDUC 393 (3) Teaching French in Elementary Schools
394 (3) Teaching French in French Immersion Schools
317 (1½) The Exceptional Child in the Regular Classroom

Elementary Professional Concentration (French)

Prerequisite French 202 and 220 or approval of Modern Languages Education

EDUC 393 (3) Teaching French in Elementary Schools
EDUC 394 (3) Teaching French in French Immersion Schools

One of the following:

Anthropology 417 - Language and Culture
Anthropology 476 - The Ethnography of Communication
Education 489 - Applied Linguistics
French 306, 334, 335, 402, 414-418
History 401 - French Canada, Eighteenth Century to the Present
Linguistics 350 (PR200) - Language Acquisition in Children
Linguistics 435 - Contrastive Linguistics
Sociology 310-11 - Special Studies in French Canada
Sociology 476 - The Ethnography of Communication

APPENDIX 'B'

FACULTY OF EDUCATION (continued)

Changes	Education 399 and 404 - changes in descriptions 471 - change in prerequisites and unit value 478 and 491 - changes in hours

Social Studies Concentration - "Slavonic Area Studies" added to description

Spanish Concentration - change in courses required in the concentration

Secondary Division Program - change in list of electives

Deletion	Education 417 (1½) Educating the Slow Learner

FACULTY OF FORESTRY

New course	FRST 435 (1½) Photo Inventory Systems for Forest Resources
Changes	FRST 280 (3) split into two courses, now:- FRST 280 (1½) Manufacture of Forest Products 262 (1½) Timber Harvesting Systems FRST 422 - change in title and description 425 - change in description 431 - change in prerequisite
Deletion	FRST 409

Forestry Biology course requirements - 4th year:
change to not less than 4 units from:
Forestry 405 or Botany 426 (1½), Botany 427 (1½)
Biology 322 (1½) other approved courses.

Diploma in Administration for Foresters

(1) The Diploma in Administration for Engineers will be used as the basis for a Diploma in Administration for Foresters.

(2) Admission will be granted to persons who have a bachelor's degree in Forestry, or equivalent degree, or are able to satisfy the requirements for registration with the Association of British Columbia Professional Foresters.

(3) Following successful completion of the Diploma Program for Engineers, candidates who meet the admission criteria in (2) above will be granted a Diploma in Administration for Foresters.

FACULTY OF GRADUATE STUDIES

Biology

Change	Biology 505 - change in prerequisites

APPENDIX 'B'

FACULTY OF GRADUATE STUDIES (continued)

Chemistry

Deletions — Chemistry 500, 501, 505, 506, 507, 508, 510, 512, 513, 517, 518, 520, 521, 524, 526, 530, 531, 535, 536, 537, 541, 542

Changes — Chemistry
503 - change in number, now 542
504 - change in number, now 540
527 - change in number, now 515
543 - change in number, now 564
509 - change in title and description
514 - change in description and number, now 512
519 - change in description and number, now 511
522 - change in description and number, now 513
523 - change in description and number, now 508
525 - change in description and number, now 514
528 - change in description and number, now 522
529 - change in description and number, now 524
532 - change in description and number, now 567
533 - change in description and number, now 569
538 - change in description and number, now 562
544 - change in description and number, now 571

New courses — Chemistry

500 (2)	Introductory Quantum Chemistry
502 (2)	Advanced Physical Chemistry
505 (1/2)d	Topics in Theoretical Chemistry
506 (1/2)d	Topics in Statistical Mechanics
507 (1/2)d	Topics in Physical Chemistry
516 (1)	Biophysical Chemistry
518 (1/2)d	Topics in Magnetic Resonance
519 (1/2)d	Topics in Molecular Spectroscopy
520 (2)	Advanced Inorganic Chemistry
521 (1/2)d	Topics in Inorganic Chemistry
526 (1)	Bioinorganic Chemistry
530 (2)	Physical and Analytical Techniques of Modern Chemistry
560 (2)	Organic Chemistry
561 (1)	Theoretical Organic Chemistry
565 (1)	Planning and Execution of Extended Organic Syntheses
568 (1/2)d	Topics in Natural Products Chemistry
573 (1)	Application of Spectroscopy to Organic Structural Problems

Civil Engineering

New courses

C.E. 515 (1)	Advanced Prestressed Concrete
516 (1)	Topics in Timber Engineering

APPENDIX 'B'

FACULTY OF GRADUATE STUDIES (continued)

Classics

New courses	Greek 550 (1½/3) Directed Studies Latin 550 (1½/3) Directed Studies

Commerce

Changes	Commerce 554 and 556 - change in title and description

Computer Science

Change	Computer Science 504 - change in prerequisite

Economics

New course	Economics 575 (1½) Topics in Location Theory
Change	Economics 540, split into two courses, now:- Economics 541 (1½) Economic Development I Economics 542 (1½) Economic Development II
Deletion	Economics 540

Education

New course	Education 530 (1½) Seminar in Education of the Hearing Impaired

Electrical Engineering

Change	E.E. 554 - change in title

Geography

New courses	Geography 542 (1½/3)c Historical Geography of European Settlement in North America 543 (1½) Advanced Cultural Geography 573 (1½/3)d Research Seminar in Historical Geography
Deletions	Geography 511, 512, 513, 572, 580, 581, 582, 583, 584
Changes	Geography 572 (1½/3) split into two courses, now:- Geography 545 (1½) Spatial Interaction Geography 546 (1½) Transportation Networks Geography 501 - change in description 502, 503, 509, 514, 515, 570, 571 - change in title and description

APPENDIX 'B'

FACULTY OF GRADUATE STUDIES

Geography

Changes (continued)

Geography 510 and 512 combined, now:-
Geography 510 (1½/3)c Spatial and Cartographic Techniques

Geography 580, 581, 582, 583, 584, now offered in:
Geography 590 (1½/3) Research Seminar in Regional Geography

Geography 508 - change in title, description and number, now 541
506 - change in title, description and number, now 544
507 - change in description and number, now 540

Geology

Changes — Geology 530 and 545 - change in title

Hispanic and Italian Studies

Change — Hispanic & Italian Studies 541 (3) split into two courses, now:
541 (1½) Bibliography and Research Methods
542 (1½) Studies in Literary Criticism

Mechanical Engineering

Change — M.E. 561 - change in title and description

Physics

Change — Physics 539 and 542 - change in description

Political Science

New courses — Political Science 503 (1½) Canadian Political Parties and Participation
504 (1½) Topics in Canadian Politics
511 (1½) Comparative Government and Politics
516 (1½) Issues in Comparative Politics
533 (1½) Topics in Public Policy
551 (1½) Political Behaviour
552 (1½) Research Seminar in Political Behaviour
553 (1½) Topics in Empirical Theory
564 (1½) Research Seminar in International Relations

APPENDIX 'B'

FACULTY OF GRADUATE STUDIES

Political Science (continued)

Deletions — Political Science 500, 502, old 503, 504, 520

Changes

Political Science 501 (3) split into two courses, now:
Political Science 501 (1½) Canadian Government and Politics
502 (1½) Canadian Political Institutions and Processes

Political Science 500 (3) split into two courses, now:
Political Science 521 (1½) Political Theory
522 (1½) Topics in Political Theory

Political Science 502 (3) split into two courses, now:
Political Science 531 (1½) Public Administration
532 (1½) Topics in Public Administration

Political Science 504 (3) split into two courses, now:
Political Science 561 (1½) International Relations
562 (1½) Topics in International Relations

Political Science 503 (3) split into two courses, now:
Political Science 571 (1½) Methods of Political Analysis
572 (1½) Quantitative Techniques of Political Analysis

Political Science 507 - change in number and unit value, now 514
508 - change in number and unit value, now 515
550 - change in number and unit value, now 523
509 - change in number and unit value, now 563
510 - change in number and unit value, now 580
511 - change in description and number, now 565
506 - change in title, unit value and number, now 512
505 - change in title, unit value and number, now 513

Psychology

New course — Psychology 513 (1½) Special Topics in Developmental Psychology

APPENDIX 'B'

FACULTY OF GRADUATE STUDIES

Psychology (continued)

Change	Psychology 519 - change in unit value

Soil Science

Changes	Soil Science 500 - change in unit value 501 - change in title 512 - change in description 513 - change in description and unit value
New course	Soil Science 502 (1) Seminar in Soil Chemistry and Soil Fertility

Zoology

Deletion	Zoology 506

FACULTY OF MEDICINE

Health Care & Epidemiology

New courses	710 Introduction to Public Health Practice 711 Field Experience 712 Supervised Work 713 Public Health Tutorials 714 Public Health Seminars 715 Journal Seminars 716 Research in Public Health

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

New course	Recreation 467 (1½) Leisure Services and The Older Adult