Wednesday, May 23, 1973.

The Ninth regular meeting of the Senate of The University of British Columbia for the Session 1972-73 was held on Wednesday, May 23, 1973, at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: President W. H. Gage (Chairman), Mr. D. V. Anderson, Mrs. M. F. Angus, Deputy President W. M. Armstrong, Miss A. J. Baumgart, Dr. L. L. Bongie, Dr. C. B. Bourne, Dr. D. G. Brown, Dr. T. H. Brown, Dr. S. D. Cavers, Dr. R. M. Clark, Mr. C. J. Connaghan, Dr. R. Daniells, Dr. J. D. Dennison, Miss V. C. Embree, Dr. N. Epstein, Mrs. F. Field, Mr. D. B. Fields, Rev. R. W. Finn, Dean W. D. Finn, Dr. C. V. Finnegan, Dr. J. G. Foulks, Dr. N. C. Franz, The Hon. E. D. Fulton, Dean J. A. F. Gardner, Dr. R. F. Gray, Dr. N. A. Hall, Dr. D. F. Hardwick, Dr. B. Howard, Mr. P. A. Insley, Dr. F. R. C. Johnstone, Dr. J. M. Kennedy, Dean D. T. Kenny, Dr. W. D. Kitts, Dr. L. Kraintz, Dr. R. V. Kubicek, Mrs. W. T. Lane, Dean S. W. Leung, Mr. T. B. Lindsay, Mr. A. J. Longmore, Dean A. J. McClean, Mr. J. A. McEwen, Dr. M. F. McGregor, Rev. J. P. Martin, Mr. R. J. Mattiussi, Dr. J. M. Norris, Mr. R. F. Osborne, Dr. G. V. Parkinson, Dr. P. H. Pearse, Dr. R. A. Restrepo, Mr. S. J. Robinson, Dean N. V. Scarfe, Dr. A. D. Scott, Dean M. Shaw, Mrs. H. W. Sonthoff, Mrs. C. A. Soong, Mr. B. Stuart-Stubbs, Mr. G. A. Thom, Mr. B. B. Trevino, Dr. M. Uprichard, Mr. F. C. Walden, Dr. W. A. Webber, Dean P. H. White, Mr. A. P. York, Dr. W. D. Young.

Observers: Mr. J. A. Banham, Dr. A. J. More, Dr. B. N. Moyls, Mr. T. A. Myers, Mr. G. R. Selman.

Messages of regret for their inability to attend were received from Chancellor N. T. Nemetz, Dr. A. E. Aho, Dean D. V. Bates, Mr. R. M. Bibbs, Mr. R. M. Buzza, Mr. C. McK. Campbell, Dean I. McT. Cowan, Dr. W. C. Gibson, Mrs. J. MacD. Lecky, Dr. J. Levy, Dr. R. E. McConnell, Dean Helen McCrae, Mr. J. M. Munsie, Mr. P. S. Plant, Dean B. E. Riedel, Dr. I. S. Ross, Mr. J. M. Schoening, Dr. J. K. Stager, Mr. D. A. Swain, Dean G. M. Volkoff, Mr. D. R. Williams.

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Minutes of the Previous Meeting

Dr. Hardwick)
Dr. Gray)

That the Minutes of the Eighth regular meeting of Senate for the Session 1972-73 having been circulated, be taken as read and adopted.

Carried

Candidates for Degrees - Congregation 1973

Mr. Fulton)
Dean Gardner)

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

Carried

Scholarships and Awards

The Chairman reported that Arthur J. Rosenthal was to receive the Governor-General's Gold Medal.

Dean Scarfe)
Dr. Cavers)

That the medals, prizes, scholarships and fellowships be awarded as recommended in the list of awards dated May 23, 1973.

Carried

Business arising from the Minutes

Open University - motion by Mr. S. J. Robinson

Discussion of the following motion had been deferred at the April 25, 1973 meeting of Senate:-

"That Senate establish a committee to examine the costs and benefits of adopting the Open University concept in British Columbia with particular reference to The University of British Columbia's role in such a programme."

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Business arising from the Minutes

Open University - motion by Mr. S. J. Robinson (continued)

Mr. Robinson agreed with the opinion expressed by the Agenda Committee that the motion was not appropriate at the present time in view of the pending studies to be undertaken by the Commission on Post-Secondary Education recently established by the Minister of Education.

Criteria for admission to professional Faculties - motion by Mr. P. A. Insley

Discussion of the motion at the April 25, 1973 meeting had been postponed due to the absence of Mr. Insley.

Mr. Insley) Dr. Foulks)	*That Senate henceforth require that professional Faculties and Schools involved in post baccalaureate programmes such as Law, Medicine, Dentistry and Planning, send their criteria for admission to the Senate Admissions Committee before or at least concurrently when selections are being made for the next Academic Year. The information to be sent to the Admissions Committee shall include a breakdown of the number and age of the male and female applicants accepted and rejected, and other criteria deemed necessary by the Admissions Committee.*

Mr. Insley spoke briefly to the motion. It was explained that the adoption of the motion would not in any way infringe on the autonomy of each Faculty's admissions committee when dealing with exceptional or unusual cases. The intent of the motion was to draw the attention of

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Business arising from the Minutes

Criteria for admission to professional Faculties - motion by Mr. P. A. Insley (continued)

Senate to the possible existence of discriminatory admissions policies.

Following a brief discussion the motion was put and carried.

Request for information on student aid at U.B.C. - motion by Mr. S. J. Robinson

Notice of motion had been given at the previous meeting of Senate.

Mr. Robinson)
Mr. Fulton)

That Senate request the administration to ascertain and report to Senate on the current status of student aid at U.B.C. including among other things how recipients of bursaries, scholarships, fellowships and loans are chosen, how the amounts are decided upon, who makes the decisions in this area and the average amount of aid granted.

Carried

Committee on Prizes, Scholarships and Bursaries

Dean Scarfe)
Mr. Robinson)

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

Carried

Reports of Committees of Senate

Academic Building Needs

An interim report outlining the committee's current activities had been circulated for information.

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Reports of Committees of Senate

Academic Building Needs (continued)

Dr. Scott drew attention to the existence of an academic space inventory. He stated that the role of the committee was to assist the President and the administration in assigning priorities for new buildings and to examine the University's total space deficiencies.

The committee reported that it had been requested by the President to make recommendations on building priorities for the five year period 1975-80 and in this connection Faculties, Departments and other groups would shortly be receiving a communication from the committee inviting submissions concerning their space needs.

Dr. Scott)
Dr. Clark) *That the report be received.*

In reply to a query it was confirmed that the committee would also review the question of library space needs.

The motion was put and carried.

Admissions Committee

Recommendation 3 of the report of the Senate Committee on Sociological Background of U.B.C. Students

At its meeting of December 13, 1972 (P.5719) Senate referred to the Senate Admissions Committee the following items from Recommendation 3 of the report of the Senate Committee on Sociological Background of U.B.C. Students:-

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Reports of Committees of Senate

Admissions Committee

Recommendation 3 of the report of the Senate Committee on Sociological Background of U.B.C. Students (continued)

(iii) Concern regarding what has been referred to as an "open door" admissions policy, and its academic implications.

(iv) Concern regarding admission of students from other provinces, Yukon and Northwest Territories.

(v) Concern regarding admission of students from other countries.

The report, which had been circulated, was presented by Dr. Finnegan.

(iii) The committee felt that the "open-door" policy was in existence and that students were already able to make their way through the various levels of post-secondary education in the Province of British Columbia.

However, the committee felt that a Province-wide examination of the present system should be undertaken, possibly by the Academic Board for Higher Education in B.C., to ensure that accessibility does exist to all levels of post-secondary education in this Province.

The Committee also recommended that the Chairman of Senate seek to establish communication between the Admissions Committees of the three public universities as the first step in the preparation of a brief which will emphasize a co-ordinated Province-wide admissions policy to be presented to the Commission on post-secondary education in British Columbia.

Senate was reminded that at the January 17, 1973 meeting it was reaffirmed that there would be no change in the present First Year admission requirements of Secondary School Graduation with a standing of not less than 'C', (i.e. 60%).

Attention was also drawn to a statement contained in the report to the effect that selective educational institutions considering "open-door" admissions must also establish special

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Reports of Committees of Senate

Admissions Committee

Recommendation 3 of the report of the Senate Committee on Sociological Background of U.B.C. Students

(iii) continued

programmes or be prepared to accept low level performances and high failure rates. In several cases it appeared to have been necessary to change faculty and curricula in order to deal adequately with low ability students and there was ample evidence that additional resources would be required to support such a policy. A duplication of academic efforts of this type already being conducted in the Province did not appear to the committee to be a prudent utilization of the limited operating funds of U.B.C.

(iv) It was stated that U.B.C. normally acts as the post-secondary institution for students from the Yukon, as does the University of Alberta for students from the Northwest Territories. Students from both these regions are admitted to U.B.C. on the same basis as residents from B.C., i.e. with a 'C' average (60%) at the Grade 12 level.

However, on April 2, 1968 the Board of Governors had cautioned the Registrar that preference should be given to properly qualified applicants who were residents of British Columbia and only students of high academic standing should be admitted from other provinces or countries. Since that time the pressure for admission to U.B.C. had been reduced and students from outside British Columbia, Yukon and Northwest Territories, to be considered for admission to U.B.C. normally must have the equivalent of British Columbia Grade 12 and have exceeded the minimal requirements for entry into the post-secondary facilities of their own province by five per cent. Applicants to programmes not available in their home province may be given special consideration.

(v) Regarding admission of students from other countries the committee recognized that their presence on the campus could add to the quality of the educational experience of all students. However, experience had shown that students with high academic standing in their own countries encounter fewer difficulties in adjusting here. Accordingly, present University

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Reports of Committees of Senate

Admissions Committee

Recommendation 3 of the report of the Senate Committee on Sociological Background of U.B.C. Students

(v) continued

policy is normally to insist on students pursuing their education to the highest level possible in their own countries. It was also noted that any landed immigrant resident in British Columbia is considered on the same basis as any other B.C. resident.

Dr. Finnegan)
Dr. Kraintz)

That the report be accepted and that the Chairman of Senate seek to establish communication between the Admissions Committees of the three public universities as the first step in the preparation of a brief which will emphasize a co-ordinated Province-wide admissions policy to be presented to the Commission on Post-Secondary Education in British Columbia.

In amendment:

Dr. Dennison)
Mr. Robinson)

That after the words "three public universities" the words "and public colleges" be inserted.

Following a brief discussion the amendment was carried.

The motion, as amended, was put and carried.

A query was raised concerning the request of the Board of Governors that only students of high academic standing be admitted from other provinces. It was agreed that the Chairman of Senate should advise the Board of Governors that Senate was of the opinion that students from other provinces who are equally qualified should be given equal opportunity for admission to U.B.C.

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Reports of Committees of Senate

Admissions Committee (continued)

Part-time Degree Studies

At its meeting of March 22, 1972 Senate resolved that the report of the Senate Committee on Degree Programmes for Part-time Students be referred to the Faculties with the request that they look into the academic and financial feasibility of part-time study toward degrees. Recommendations (ii), (iii) and (iv) from page 8 of the report outline some of the problems that were to be considered:

(ii) That Senate request each Faculty to undertake a careful examination of the obstacles to part-time study, including residence and maximum year regulations, restrictive requirements or unnecessary special procedures for part-time students, and to prepare a positive but short statement giving guidance for part-time studies to be included in its Calendar. Further, that each Faculty be requested to report to Senate within one year, explaining the changes made, justifying any restrictions that remain, and indicating, generally, how they can fulfil the objective of further expanding part-time study opportunities.

(iii) That Senate inform the Faculties and the Office of the Registrar of its policy toward part-time studies, and encourage them to assist applicants in taking advantage of existing opportunities.

(iv) That Senate initiate planning for the institutional, administrative and curriculum changes needed to develop opportunities for part-time students.

At the April 25, 1973 meeting of Senate the submissions of the Faculties concerning part-time degree studies were referred to the Senate Admissions Committee for correlation and report to Senate.

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Reports of Committees of Senate

Admissions Committee

Part-time Degree Studies (continued)

The following comments and recommendations were outlined in the report: -

General

The Faculties support the principle of expanding opportunities for students to study on a part-time basis. Most Faculties already have part-time students in the regular Winter Session and are willing to respond positively to any increased demand.

The Faculties consider it desirable to treat all students, whether full or part-time, on an equitable basis in terms of admission and promotion.

The Faculties agree on the need to amend the University Calendar to make clear the opportunities available to part-time students.

Financial Implications

Certain Faculties are extended to the limit of their facilities in providing for full-time study and they, as well as the other Faculties, are concerned about the financial implications of providing opportunities for part-time studies. It would appear that the academic and financial implications of such programs cannot be separated, bearing as they do on the existing academic and financial structure of the University.

Admission

Applicants for part-time study who have completed college-level studies are admissible under current regulations on the same conditions as applicants desiring full-time study. There is provision for the acceptance of "mature" students (see 1973-74 Calendar, Page 21 under Classification of Students: para 3, Occasional) which applies equally to those wishing full or part-time study. No changes in admission requirements are needed, therefore, relative to applications from students planning to study part-time.

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Reports of Committees of Senate

Admissions Committee

Part-time Degree Studies (continued)

Promotion and Academic Standing

In the application of present rules governing academic standing some adjustments will be necessary to accommodate students not taking a full year's study. Provision of supplemental examinations poses a particular problem. Another difficulty arises in administering the general regulation that a student may obtain credit only upon succeeding in at least 60% of work taken.

Course-load on Registration

It is current policy to require students to commit themselves to a specific study program and to change from it with Faculty approval. There has been no suggestion that a "laissez-faire" attitude be adopted for the future that would permit students to opt at will for a part-time study program.

In the past students unable to study full-time because of other commitments experienced little difficulty in adjusting their study programs even late in an academic year, to suit changes in their circumstances.

A consensus of Faculty opinion favours retention of the policy of requiring a commitment by a student, following Faculty advice, to a particular program of studies, with changes in the program subject to Faculty advice.

Recommendations

1. That the term "residence requirement" which implies "attendance during full-time study" be expunged from the regulations except where it applies specifically to full-time study. This recommendation is not to be interpreted as restricting a Faculty from requiring a minimum study program at any particular stage in a degree course. But such restrictions would require Senate approval.

2. That the term "year" be replaced in those situations where it is being used as a synonym for a set of generally unspecified courses. For example, " ... the final year" be replaced by " ... the final 15 units" (where appropriate).

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Reports of Committees of Senate

Admissions Committee

Part-time Degree Studies

Recommendations (continued)

3. That where applicable and at the discretion of the Dean of the Faculty the regulation governing the granting of supplemental examinations be extended to all students:

   (a) those carrying more than 6 units who obtain passes in at least 60% of the courses taken;

   (b) those taking 6 units or fewer who obtain passes in at least 50% of the courses taken.

   (No change should be made in the currently more generous policy with respect to Correspondence Courses.)

4. That, where applicable, the regulation granting credit for courses passed that equal or exceed 60% of the study program be extended to all students but that those taking 6 or fewer units receive credit for courses passed that equal or exceed 50% of the study program. (This recommendation envisages rescinding of regulations such as: "A student who takes fewer than nine units of work must obtain passing marks in all courses or get credit for none".)

5. That, in general, distinctions between regulations governing "full-time" students and those governing "part-time" students be eliminated where practicable.

6. That the Senate approve the proposals of the Faculties that are consistent with the foregoing general principles concerning admission and promotion.

Dr. Finnegan)
Dr. Gray)

That Recommendations 1 to 6 be approved and implemented by the various Faculties.

The Agenda Committee had noted that many of the Faculties had not fully dealt with the matters that were assigned to them. In particular the Calendar statements had not all be submitted. It

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Reports of Committees of Senate

Admissions Committee

Part-time Degree Studies (continued)

was assumed that a general statement would be provided for the supplement for the 1973/74 Calendar and that in future Calendars each Faculty would provide a clear statement of the opportunities available for students not studying on a full-time basis.

Concern was expressed at the length of time it would take students to earn a degree on a part-time basis in the Faculty of Applied Science and in the Faculty of Science. It was felt that the substance of earlier courses would be of little value if completion of the degree was deferred for any length of time.

During the following debate it was argued that Recommendation 6 did not make clear exactly which proposals Senate would be adopting.

In amendment:

Dr. Bourne)
Mr. Trevino) *That Recommendation 6 be deleted.*

Lost

In amendment:

Mr. Fulton)
Dr. Finnegan) *That Recommendations 1 to 5 be approved and that Recommendation 6 be referred to the Senate Admissions Committee to determine which proposals are consistent with the general principles outlined concerning admission and promotion.*

Carried

The motion, as amended, was put and carried.

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Reports of Committees of Senate (continued)

Curriculum Committee

Dr. Norris presented the report on items submitted to the committee since the April 25 meeting of Senate.

Faculty of Applied Science (See Appendix 'B')

Dr. Norris)
Mr. Anderson) *That the course and curriculum changes recommended by the Faculty of Applied Science be approved.*

Carried

School of Architecture (See Appendix 'B')

Dr. Norris)
Dr. Gray) *That the proposal of the School of Architecture to offer new courses (with the exception of Arch. 417) be approved.*

Carried

Faculty of Arts - Proposal for Concentrated Courses

The following recommendations were contained in a proposal for concentrated courses:-

1. that the Faculty of Arts feels that for many students the division of energy and attention involved in taking five concurrent courses is undesirable;

2. that the Faculty of Arts approves in principle of 3-unit term courses in all years of the B.A. programme, where the material of a course makes this treatment appropriate;

3. that the Faculty of Arts approves in principle of 6-unit year courses in all years of the B.A. programme, where the material involved makes this treatment appropriate, subject to the proviso that the student may not complete more than 9 units in any one term;

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Reports of Committees of Senate

Curriculum Committee

Faculty of Arts - Proposal for Concentrated Courses (continued)

4. that Departments be invited to create such courses or to convert existing courses or certain sections of existing courses, to this form;

5. that Departments be empowered to convert existing courses, or certain sections of existing courses, to 3-unit term courses provided they report their intention and the rationale for so doing to the Curriculum Committee, and that the Curriculum Committee be asked to forward such changes to Senate under Category "B" recommendations, subject to the right of the Curriculum Committee to require any such change to be submitted to Faculty in the normal way. The Curriculum Committee will report all such changes to the Faculty for information.

Dr. Norris)
Dr. Cavers)

That the proposal of the Faculty of Arts for concentrated courses be approved, but that:-

(a) in courses which are sectioned and proposed for concentration in one term, year-long sections to be maintained side by side with concentrated ones, at least initially, to accommodate students from other Faculties; and that

(b) in the rationale of proposed course concentrations submitted to the Faculty of Arts Curriculum Committee and thence to the Senate Curriculum Committee and the Senate, the proportion of non-Arts students in these courses in the preceding two years be recorded.

It was agreed that the words "where practicable" be inserted after the word "maintained".

The motion was put and carried.

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Reports of Committees of Senate

Curriculum Committee (continued)

Faculty of Arts (See Appendix 'B')

Dr. Norris)
Dean Kenny)

That the proposal of the Faculty of Arts to offer a new course in Classics and Philosophy and a new course in Religious Studies be approved.

Carried

A category B change concerning English 303 is listed in Appendix 'B' for information.

Faculty of Education (See Appendix 'B')

Dr. Norris)
Dr. Gray)

That the proposal of the Faculty of Education to offer a new course, Education 439, be approved.

Carried

Faculty of Graduate Studies (See Appendix 'B')

Dr. Norris)
Dr. Hall)

That the proposal of the Faculty of Graduate Studies to offer new courses in Architecture and in Commerce be approved.

Carried

Category B items in Botany and Oceanography are listed in Appendix 'B' for information.

Faculty of Science (See Appendix 'B')

Dr. Norris)
Dr. Finnegan)

That the proposal of the Faculty of Science to offer new courses in Botany and in Zoology be approved.

Carried

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Reports of Committees of Senate

Curriculum Committee

Faculty of Science (continued)

Category B items in Botany, Mathematics, Zoology and the Physics/Chemistry Combined Honours Programme are listed in Appendix 'B' for information.

It was noted that the Curriculum Committee would be reporting on Architecture 417 and the revised Master's Programme in Nursing at the June 6, 1973 meeting of Senate.

Committee on Five-year Review Procedures of Faculties and Departments

Dr. Hardwick presented the report. The committee had been established in September 1970 to recommend regulations and procedures necessary to implement the principle of five-year reviews of Faculties and of Departments. An interim report was submitted to Senate in April 1972.

The report contained the following recommendations to review procedures:-

I. General Objectives of Reviews

1. To review the structure, staffing, financing, academic and/or professional programs, leadership, and goals and objectives of Departments, Schools or Faculties.

2. To advise Senate of the academic activities of the Department, School or Faculty under review.

3. To advise the President and Administration of the University on the state of the University's operations in the Department, School or Faculty under review.

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Reports of Committees of Senate

Committee on Five-year Review Procedures of Faculties and Departments (continued)

II. Initiation of the Review

The President of the University and Administration shall initiate review procedures so that each Department, School and Faculty will be appraised as above each 5 years or as otherwise agreed to by Senate.

III. Senate Committee on Reviews

1. There shall be a Senate Committee on Reviews.

2. This Committee shall consist of 6 members of Senate elected by Senate to serve during the term of Senate. Nomination for membership shall be via the Nominating Committee of Senate. One member shall be a student.

3. The Committee shall elect its own Chairman.

4. The functions of this Committee shall be:-

   (a) To ensure that a proper schedule of reviews is maintained.

   (b) To assess review procedures and make recommendations to Senate regarding them from time to time.

   (c) To ensure that the Report to Senate by each Review Committee reflects accurately the totality of the Review Committee reports to the University.

IV. Selection of Each Departmental School or Faculty Review Committee

1. The President shall appoint the Review Committee and shall name one member as Chairman of the Review.

2. Each Review Committee shall consist of 3-5 consultants who are from Universities outside British Columbia except as otherwise agreed by Senate. These consultants shall be individuals who have a recognized reputation for scholarship in the discipline under review, who have had recent and extensive experience in teaching and who have an appreciation of the administrative difficulties in developing a University Department, School or Faculty.

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Reports of Committees of Senate

Committee on Five-year Review Procedures of Faculties and Departments

IV. Selection of Each Departmental School or Faculty Review Committee (continued)

3. When a Review is to be held the Department, School or Faculty concerned shall be advised through its Dean, Head or Director.

4. The Department Head, Director, or Dean shall proffer to the President the names of three potential candidates for membership on the Review Committee, one or more of whom will ultimately be selected by the President.

5. Voting members of the Department, School or Faculty under review shall proffer to the President the names of three potential candidates for membership on the Review Committee, one or more of whom will ultimately be selected by the President.

6. The President of the University will relate the makeup of each Review Committee to Senate for information.

7. It is recognized that certain Departments, Schools and Faculties are subject to regular professional or other review. If such a review has objectives consonant with those enunciated above, or with additional consultant reviewers added by the President the stated objectives can be achieved, then the affected Department, School or Faculty may request that such review be considered a regular review. A request of this sort will be directed to the Senate Committee on Reviews for consideration and recommendation to Senate.

V. Procedures of Department, School or Faculty Review Committees

1. The Chairman of each Department, School or Faculty Review Committee shall request of the Department, School or Faculty under review a report outlining:

   (a) Academic objectives of the Department School or Faculty.

   (b) Teaching emphasis of Academic and/or Professional programs offered.

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Reports of Committees of Senate

Committee on Five-year Review Procedures of Faculties and Departments

V. Procedures of Department, School or Faculty Review Committees (continued)

(c) Data regarding the Staff and Staffing as well as fiscal support of these teaching programs.

(d) Current research interests of the Staff and record of achievement.

(e) Previous development and proposed schedule of development of the Department, School or Faculty.

This report shall be transmitted to each Department, School or Faculty Review Committee before its appraisal visit.

2. The Chairman of each Review Committee shall by notice request formal submissions from interested student organizations and individual students and Faculty members for transmittal to the Review Committee before its appraisal visit.

3. The Chairman of each Review Committee shall convene an appraisal visit by the Consultant Reviewers during the Academic Year. The Consultants will meet with or accept reports from all interested individuals.

4. The Chairman of each Review Committee shall collate the findings of the consultants into a report acceptable to his Review Committee members.

5. The Chairman of each Review Committee shall submit a report in two parts. One part shall consist of an appraisal of the academic activities of the Department, School or Faculty and shall be submitted to the Senate of the University and to the Department, School or Faculty. The other part of the Report shall deal with administrative aspects of personnel and other matters requiring a more confidential treatment and less wide distribution. This part of the report will be submitted to the President and Administration of the University. It will be available to the Senate Committee on Reviews to confirm that the above report to Senate reflects accurately and completely, the state of the Academic activities of the Department, School or Faculty under review.

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Reports of Committees of Senate

Committee on Five-year Review Procedures of Faculties and Departments (continued)

Dr. Hardwick)
Dr. Kraintz) *That the report be received.*

Carried

Dr. Hardwick pointed out that the cost of implementing the recommendations would be substantial. The committee were of the opinion that before the report was discussed by Senate it would be advisable to refer the report to a President's committee in order to obtain information concerning economic feasibility.

Dr. Hardwick)
Mr. Mattiussi) *That the report be referred to a President's committee to assess the economic feasibility before discussion by Senate.*

Carried

Native Indians at U.B.C. - proposed introductory programme

Dr. A. J. More, Chairman of the committee, presented the report. The question of assessing the need for introductory programmes had been discussed informally with Indian students on campus, members of the B. C. Native Indian Teachers Association, individuals from a number of Regional Colleges and Indian people throughout British Columbia. Dr. Ruth McConnell, a member of the committee, had visited Dalhousie University in order to obtain information concerning their Transitional Year Programme.

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Reports of Committees of Senate

Native Indians at U.B.C. - proposed introductory programme (continued)

The following recommendations were contained in the report:-

1. A transition year programme of the type offered at Dalhousie does not appear to be appropriate to the needs of the Indian students at U.B.C.

2. There appears to be a need for support services to Indian students which would include:-

   a) Tutoring for remedial work on overcoming learning difficulties.

   b) Counselling services particularly for those encountering serious problems with the social transition. Such counselling services might best be provided by an Indian person.

   c) University support for Indian students to meet together, to support each other and to make a positive contribution to this University as a group.

Dr. Gray)
Mr. Robinson) *That the report be received.*

Carried

Mr. Fields)
Dr. Foulks) *That Senate adopt the recommendations of the committee that:*

1. A transitional year programme is unnecessary.

2. There is a need for support services to Indian students, as outlined in 2(a), (b) and (c) of the recommendations above.

In reply to a query concerning how the recommendations would be implemented the Chairman stated that he would take the matter up with the appropriate bodies.

The motion was put and carried.

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Reports of Committees of Senate (continued)

Native Indians at U.B.C.

Mr. Fields presented the report. Discussion of the report had been deferred and a motion tabled at the May 23, 1973 meeting pending discussion of the report of the committee on the proposed introductory programme for native Indians at U.B.C.

An interim report had been submitted to Senate in March 1970 in which it had been suggested that the following areas be examined:-

1. A counselling programme and information service
2. A transitional year programme
3. Admissions streamlining
4. Longer range considerations

The report outlined the following action by the committee concerning these areas:-

1. Counselling programme and information service

As a result of Senate's approval of the committee's recommendation to establish a counselling programme and information service three native Indian students were hired to inform prospective students and their parents about University education. Funds for salaries and travel expenses were raised through the Leon and Thea Koerner Foundation and the President's Fund.

The counsellors were asked to report periodically and to submit a full report to the committee on completion of the summer

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Reports of Committees of Senate

Native Indians at U.B.C.

1. Counselling programme and information service (continued)

counselling programme. Only one counsellor submitted a report.

The committee felt that the counselling programme was only a qualified success for the following reasons:-

- no adequate assessment could be made of the work done by the two counsellors who did not submit a report
- the programme was costly and benefits were difficult to measure
- in a few instances there was a lack of co-operation from educational officials according to one of the counsellors
- the programme could not possibly reach students sufficiently early in their educational process to be of any material assistance to them

2. Transitional year programme

The committee in its interim report recommended that a new committee be set up to look into the feasibility of a special introductory programme for native Indian students. The committee was established and has now reported to Senate that such a programme is unnecessary.

3. Admission streamlining

The interim report had made three recommendations to Senate:

1. that the general question of admission requirements for native Indian students be referred to the Senate Admissions Committee

   This recommendation was approved by Senate on March 25, 1970, and the committee's final report indicated that the Senate Admissions Committee had discussed this matter informally.

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Reports of Committees of Senate

Native Indians at U.B.C.

3. Admission streamlining (continued)

2. that the Registrar in consultation with the Admissions Committee be authorized by Senate to have discretion to waive formal educational requirements for native Indian students under special circumstances

This recommendation was tabled by Senate at its March 25, 1970 meeting and has not been removed from the table.

3. that efforts be made to have initial applications of Indian students for University training submitted directly to the Registrar rather than the Department of Indian Affairs

Senate took no action on this matter.

4. Longer range considerations

The committee in its interim report had felt that it should attempt to obtain data concerning the reasons why so few native Indian students complete secondary school.

On subsequent deliberation, it was felt that this information would be very difficult to obtain, and equally difficult to assess. It was also felt that such work was not primarily a University function. However, the committee did feel that research in this area was essential and that although the University was the logical place for such research it was considered that this could perhaps be jointly sponsored by the University, the Province of British Columbia and the Department of Indian Affairs.

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Reports of Committees of Senate

Native Indians at U.B.C. (continued)

Mr. Fields)
Dr. Howard) *That the motion tabled at the previous meeting (P.5848) be removed from the table.*

Carried

Mr. Fields)
Mr. Anderson) *That the University urge the Provincial Government in co-operation with the Union of B. C. Indian Chiefs and the B. C. Association of Non-Status Indians to implement and fund a counselling and information programme concerning post-secondary educational opportunities for native Indians in British Columbia.*

Following a brief discussion the motion was put and carried.

Dr. Foulks)
Mr. Fields) *That research be carried out in the university community concerning the reasons why so few native Indian students attend university and why so few complete secondary school.*

Carried

Dr. Foulks)
Mr. Fields) *That efforts be made to have initial applications of native Indian students for University training submitted directly to the Registrar rather than the Department of Indian Affairs.*

Carried

Nominating Committee

Senate at its meeting of April 25, 1973 passed a resolution transferring the functions of the New Programmes Committee to the Curriculum Committee. It was also agreed that the membership of the Curriculum Committee be

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Reports of Committees of Senate

Nominating Committee (continued)

reconstituted from those at present serving on the Curriculum Committee and the New Programmes Committee.

The Nominating Committee recommended that the membership of the Senate Curriculum Committee be as follows:-

12 Faculty Curriculum Chairmen or representatives

Dr. A. J. Renney	- Agricultural Sciences
Dr. A. Meisen	- Applied Science
Dr. R. Leigh	- Arts
Mr. R. H. Heywood	- Commerce and Business Administration
Dr. A. G. Hannam	- Dentistry
Dr. E. D. MacPherson	- Education
Dr. B. J. Van der Kamp	- Forestry
Dr. R. A. Nodwell	- Graduate Studies
Mr. C. R. B. Dunlop	- Law
Dr. F. R. C. Johnstone	- Medicine
Dr. F. A. Morrison	- Pharmaceutical Sciences
Dr. W. F. Slawson	- Science

13 Senators

Dr. S. D. Cavers	Mrs. M. F. Angus (Convocation member)
Dr. N. A. Hall	Mrs. C. A. Soong (Convocation member)
Dr. D. F. Hardwick	
Dr. R. E. McConnell	Mr. D. V. Anderson (Student)
Dr. C. A. McDowell	Mr. P. A. Insley (Student)
Dr. J. M. Norris	Mr. J. M. Munsie (Student)
Mrs. H. W. Sonthoff	One student to be added at a later date

It was also noted that the Librarian had been added as an ex-officio member of the committee.

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

Carried

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Proposals of the Faculties

Faculty of Education (See Appendix 'B')

Dr. Gray)
Dr. Kraintz)

That the proposal of the Faculty of Education to offer extension credit courses for the 1973/74 session be approved.

Carried

School of Nursing (See Appendix 'B')

Dr. Uprichard)
Dean Finn)

That the proposal of the School of Nursing to offer courses at Douglas College (New Westminster campus) September 1973/April 1974 be approved.

Carried

Election of three members of Senate to serve on the Advisory Committee for the selection of Presidential candidates

The Secretary reminded members of Senate that May 23, 1973 was the final date for nominations and that ballots would be mailed out on May 24, 1973 in order that the results would be available for the June meeting of Senate.

Other Business

Faculty of Education (See Appendix 'B')

Dr. Norris)
Dr. Gray)

That the proposal of the Faculty of Education to offer an extension credit course at Richmond for the 1973-74 session be approved.

Carried

Membership of Committee on Appeals on Academic Standing

Mr. Anderson gave notice of the following motion:-

"That student representation be equal to that of Faculty on the Senate Committee on Appeals on Academic Standing."

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Other Business (continued)

The meeting adjourned at 10.30 p.m.

The next regular meeting of Senate will be held on Wednesday, June 6, 1973.

Secretary

Confirmed,

Chairman

Wednesday, May 23, 1973.

APPENDIX 'A'

New Awards recommended to Senate

Mitsubishi Canada Limited Scholarship in Japanese Studies - This scholarship of $500 is the gift of Mitsubishi Canada Limited. It is offered to an undergraduate entering Fourth Year who is a major or honours student in Japanese or who is a major in East Asian Area Studies with emphasis on Japan. In awarding this scholarship special consideration will be given to the student's interest in promoting goodwill and understanding between Canada and Japan.

The Fraser G. Wallace Memorial Scholarship in Commerce and Business Administration - In memory of Fraser G. Wallace, B.Comm. (U.B.C. '58), M.B.A. (U.C.L.A. '59), Ph.D. (U.C.L.A. '62) this scholarship of $500 annually has been established by his parents, Mr. and Mrs. Fraser Melvin Wallace. The award will be made at the discretion of the Dean of Commerce and Business Administration to a full-time graduate student whose academic record, ability, and other qualifications indicate a capacity for distinguished work at the graduate level. This award may be renewed once, but not in conjunction with other awards.

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APPENDIX 'B'

Course and Curriculum Proposals

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

FACULTY OF APPLIED SCIENCE

Geological Engineering Programme

A Remove from core course in Second Year Programme:-

Applied Science 251 (1½) Electrical Circuit Analysis

A Add to Second Year Programme:-

Applied Science 260

A Change in Option II - Fourth Year:-

Remove E.E. 366 (3) Electronics Theory and Applications
Add E.E. 364 (1½) Electronic Instruments

B Second Year Programme:-

Change in hours for Computer Science 251

Metallurgy - Fourth Year

B Change in description Metallurgy 460

SCHOOL OF ARCHITECTURE

A New courses Architecture

403 (1½) Elements of Architectural Planning
* 417 (1½) Computer Applications in Architecture
432 (1½) Introduction to Lighting Design
447 (1½) Urban Design: Physical Design Strategies
450 (1½) Design Management

(*417 - approval withheld - see P.5876.)

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APPENDIX 'B'

Course and Curriculum Proposals (continued)

FACULTY OF ARTS

Classics and Philosophy

A New course Classical Studies 210/ Philosophy 210 (3) Greek Thought

English

B English 303 (3) English Composition: -

Remove the restrictive phrase: "for students in the Faculty of Education", and add the phrase: "not to be counted toward a Major in English"

Religious Studies

A New course 425 (3-6) Topics in Christian Mysticism

FACULTY OF EDUCATION

A New course 439 (1½) Instructional Television: Principles and application of non-studio techniques

This course will be presented for Intersession, Summer Session and Continuing Education teachers in the field.

Extra-sessional credit courses - 1973/74

Off-campus

Ed. 310/311	Growth and Development/The Nature and Measurement of Learning
Ed. 404	Curriculum and Instruction in Specific Secondary School Art (to be offered in Richmond in conjunction with Ed. 425)
Ed. 470	Educational Sociology
General Science 309	General Science for Elementary School Teachers

Correspondence course:

Ed. 460	An Introduction to Educational Administration

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APPENDIX 'B'

Course and Curriculum Proposals (continued)

FACULTY OF GRADUATE STUDIES

Architecture

A	New courses	508 (3)	Programming for Building Users
		532 (3)	Advanced Building Science

Botany

B	Change in title and prerequisite	Botany 510 and 511

Commerce

A	New courses	527 (1½)	International Comparative Labour Relations
		587 (1½)	Seminar on Stochastic Models
		594 (1½)	Seminar in Research Methodology II (of Business Administration)
		598 (1½)	Analysis of the International Business Environment

Oceanography

B	Change in description	Oceanography 404

SCHOOL OF NURSING

Courses to be offered at Douglas College (New Westminster campus) September 1973 - April 1974

N.253 (3)	Behavioural Patterns in Illness and Health
N.281 (1)	Introduction to Statistics and Research Methods
N.357 (3)	Perspectives in Nursing
N.366 (3)	Clinical Nursing

FACULTY OF SCIENCE

Botany

A	New courses	301 (1½)	Survey of Algae
		410 (1½)	Biology of Marine Algae
		411 (1½)	Biology of Freshwater Algae
B	Deletion	305	

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APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF SCIENCE (continued)

Mathematics

B Change in description Mathematics 425

Physics/Chemistry Combined Honours Programme

B Changes in Third Year requirements:-

Remove Mathematics 301 (3)
Add Mathematics 315 (1½) and Physics 312 (1½)

B Changes in Fourth Year unit distribution:-

Remove -	Physics (by consultation)	(5)
	Non-Science electives	(4)
Add -	Physics (by consultation)	(3)
	Science Electives	(3)
	Non-Science Elective	(3)

Zoology

A	New courses	403 (3)	Terrestrial Animal Ecology
		404 (1½)	Aquatic Ecology I
		406 (1½)	Aquatic Ecology II
		409 (1½)	Functional and Comparative Histology of the Vertebrates

B Change in units and hours Zoology 410 (3)

B Deletion Zoology 401