Wednesday, June 10, 1970

The tenth regular meeting of The Senate of The University of British Columbia for the session 1969-70 was held on Wednesday, June 10, 1970 at 8:00 p.m. in the Board and Senate Room, Administration Building.

Present: President W. H. Gage (Chairman), Deputy President W. M. Armstrong, Dr. C. S. Belshaw, Mr. S. Black, Dr. C. A. Brockley, Dr. T. H. Brown, Mr. C. M. Campbell, Jr., Dr. S. D. Cavers, Dr. R. M. Clark, Dean G. F. Curtis, Mr. W. A. Ferguson, Dr. N. A. Hall, Dr. D. F. Hardwick, Dr. R. F. Kelly, Dr. J. M. Kennedy, Dr. D. T. Kenny, Dr. W. D. Kitts, Mrs. W. T. Lane, Dr. P. A. Larkin, Dean S. W. Leung, Miss E.K. McCann, Dean J. F. McCreary, Dr. M. F. McGregor, Mr. J. R. Meredith, Dr. J. M. Norris, Mr. E. O'Brien, Dean V. J. Okulitch, Mr. R. F. Osborne, Mr. J. V. Rogers, Dr. G. Rosenbluth, Dr. I. Ross, Dean N. V. Scarfe, Mr. G. R. Selman, Dr. J. H. G. Smith, Mr. B. Stuart-Stubbs, Dr. G. M. Volkoff, Dean P. H. White, Dr. W. D. Young.

Observers: Mr. J. Banham, Mr. T. A. Myers, Mr. P. Thompson.

Messages of regret for their inability to attend were received from, Chancellor A. M. McGavin, Mr. C. B. Bourne, Mrs. A. Brearley, Mr. D. M. Brousson, Dr. D. H. Chitty, Mr. A. Dobrey, Dr. C. W. J. Eliot, Dean J. A. F. Gardner, Mr. I. F. Greenwood, Mr. J. Guthrie, Dr. S. Israels, Mrs. J. MacD. Lecky, Dr. A. J. McClean, Mr. K. R. Martin, Mr. D. F. Miller, Dr. B. N. Moyls, Miss D. J. O'Donnell, Dean B. E. Riedel, Dr. R. F. Sharp, Dean M. Shaw, Dr. J. K. Stager, Rev. W. S. Taylor, Dr. H. V. Warren, Dr. W. A. Webber, Dr. W. E. Willmott

Minutes of the April 29 meeting

Dr. Hardwick)
Dr. Kitts)

That the minutes of the eighth regular meeting of the Senate for the session 1969-70, having been circulated, be taken as read and adopted.

Carried

Wednesday, June 10, 1970

Minutes of the May 20 meeting

Dr. Hardwick)
Dean Scarfe)

That the minutes of the ninth regular meeting of the Senate for the session 1969-70, having been circulated, be taken as read and adopted.

Carried

Business Arising from the Minutes

At the April 29 meeting of Senate the proposed regulations for athletic participation were referred to an ad hoc committee. The Secretary reported the following list of members:-

Mr. R. F. Osborne

Dr. S. H. Zbarsky

Mr. R. J. Phillips

Miss M. Russell

Dr. K. Brearley

Mr. C. M. Campbell, Jr.

Mr. D. M. Brousson

Dr. H. V. Warren

Dr. W. C. Gibson

As the committee had not been able to meet prior to the Senate meeting there was no further discussion.

From the Board of Governors

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

(i) A programme in Criminology to be offered by the Extension Department subject to the qualification that successful completion of the programme be recognized by the award of a certificate instead of a diploma. (Page 5245-46)

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From the Board of Governors

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

(ii) A two-year graduate programme leading to the degree of Master of Library Science (M.L.S.) to be offered by the School of Librarianship. (Page 5246-47)

(iii) A Ph.D. programme in Food Science to be given by the Department of Food Science to be offered by the Faculty of Graduate Studies. (Page 5249-50)

(iv) A Ph.D. programme in Computer Science in the fields of Programming Languages and Artificial Intelligence to be offered by the Faculty of Graduate Studies. (Page 5250)

(v) Course revisions and new courses in Computer Science (outlined in Appendix 'B' page 5168 Senate minutes) and Computer Science 649 Thesis for Ph.D. degree to be offered by the Faculty of Graduate Studies. (Page 5251)

(vi) Extension credit courses to be offered by the Faculty of Arts. (Page 5252)

(vii) The Faculty of Arts to continue the Arts I programme for a fourth year. (Page 5252)

Wednesday, June 10, 1970

From the Board of Governors

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

(viii) An Arts II programme to be offered by the Faculty of Arts on a one year basis, providing that students admitted to this programme have secured 15 units in the first year, and subject to the observations outlined in the Senate Curriculum Committee's report, and that an evaluation of the continuing aspect of the programme be carried out to determine its effectiveness. (Page 5252-53)

(ix) Extra-sessional credit courses to be offered by the Faculty of Education. (Page 5254)

(x) Revision by the Faculty of Science in the basis for calculation of degree standing, and provisions for Departmental designation of "High Distinction", where appropriate on a graduating student's record. (Page 5254)

(xi) Revised regulations in the Faculty of Science governing the B.Sc. degree combined with either M.D. or D.M.D. (Page 5255)

Committee on Prizes, Scholarships and Bursaries

Dr. McGregor)
Mr. Osborne)

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

Carried

Wednesday, June 10, 1970

Reports of Committees of Senate

Curriculum Committee

Dr. Hall reported on items referred to the Curriculum Committee at the April 29 and May 20 Senate meetings.

Referring to the submission by the Faculty of Arts, Dr. Hall said that the committee were prepared to recommend approval of the new course Political Science 427 and the change in course description of Psychology 404. However, the committee were not prepared to recommend approval of the proposal of the joint offering of Economics 101 and Philosophy 100. It was felt that there was a lack of information on subject matter content of the proposed new offering. Information was also needed on the consultations that had gone on and on the individual staffing arrangements made for the programme. The committee recommended that this proposal should be brought back to the September meeting of Senate.

Dr. Hall)
Dr. Norris) *That the proposals of the Faculty of Arts outlined in Appendix 'B', page 5261 be approved with the exception of the joint offering of Economics 101 and Philosophy 100.*

Carried

The committee approved the submission of the Faculty of Science but raised some questions related to the Marine Biology Option.

Dr. Hall)
Dr. Norris) *That Biology 334 Introduction to Genetics be referred back to the Life Sciences Council for reconsideration of its status as an elective as opposed to a compulsory course in the Marine Biology Option.*

Dean Okulitch stated that the objective of the Faculty in organizing options in biology was to afford guidance to students in their selection of courses.

The motion was put and carried.

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Reports of Committees of Senate

Curriculum Committee (Continued)

At the previous Senate meeting the Faculty of Dentistry requested that Sociology 100 should replace Sociology 200 as a required course in the Dental Hygiene Programme. There was some discussion as to the desirability of requiring this course of all students in the programme in view of the possible lack of resources to offer it to all those interested. It was agreed that the proposal of the Faculty of Dentistry be approved.

The committee recommended approval of the submissions of the Faculty of Graduate Studies.

Dr. Hall)
Mr. Osborne)

That the new courses and course proposals, outlined in Appendix 'B' page 5277, recommended by the Faculty of Graduate Studies to be offered in the Faculty of Agricultural Sciences, the Faculty of Commerce and Business Administration and the Faculty of Science, be approved.

Carried

It was agreed that the report of the Curriculum Committee, including the submission of the Faculty of Medicine for Paediatrics 351, be approved with the amendments as noted.

New Programmes Committee

The proposal of the Faculty of Graduate Studies for an Institute for Applied Mathematics and Statistics had been referred to the New Programmes Committee at the previous Senate meeting. The committee had discussed this proposal with Dr. J. M. Kennedy, the chairman of an ad hoc committee

Reports of Committees of Senate

New Programmes Committee (Continued)

of the Faculty of Graduate Studies to study the creation of an Institute, and agreed that the University should do more in the fields of applied mathematics and statistics.

Dean Okulitch)
Dr. Kennedy)

That the proposal of the Faculty of Graduate Studies for an Institute for Applied Mathematics and Statistics be approved and that the Dean of Graduate Studies be requested to report to Senate on the progress of the Institute at the end of three years.

Carried

Committee on Continuing Education

Dr. Ross asked that the recommendations of the committee be received. The first set of recommendations concerned general matters:

General Matters

1. The University of British Columbia should recognize that it has growing responsibilities in three areas connected with continuing education:

   a) degree programmes for part-time students
   b) programs of continuing education for professional groups
   c) general programs carrying no credit towards degrees, though of a level appropriate for University instruction, and dealing with liberal and scientific studies, public affairs, and community projects. (Areas b) and c) may include certificate and diploma programs)

2. Since it is a complex but pressing matter to determine the need for degree programs for part-time students and make appropriate recommendations, Senate should strike a committee to consult with the Faculties about these matters and bring in a report as soon as possible. The committee should make known its work to the Academic Board for Higher Education in British Columbia. (The remainder of this document says nothing about degree programs for part-time students except to make provision for the administration of current offerings.)

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Reports of Committees of Senate

Committee on Continuing Education

General Matters (Continued)

3. As an incentive to teachers of continuing education programs, it should be accepted that their academic contributions to such programs will be given full weight in connection with career-recommendations in their Faculties, Departments and Schools.
4. The requirements of continuing education should receive attention in the building plans of the University for the 1970's.
5. Care should be taken to avoid unwarranted or unnecessary duplication of programs given by other institutions.

Dr. Ross)
Dr. Hardwick) *That the recommendations under the heading "general matters" be accepted.*

Some members felt that this should be referred to the Faculties for comments before Senate took any action. After further discussion the motion was put and carried.

The second set of recommendations concerned budgeting:

Budgeting

In budgeting for continuing education, the University should observe the following principles:

1. Fees should cover at least the direct costs of instruction (including the use of supplies and equipment), the University providing, where appropriate and possible, the full institutional costs of administration and buildings.
2. Base support for new programs and for experiment in continuing education should be accepted as part of the University's investment in this field.

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Reports of Committees of Senate

Committee on Continuing Education

Budgeting (Continued)

3. Long-range planning should permit priorities to be established between the different areas of continuing education with respect to their claims on the funds available.

4. To allow the University administration to prepare a consolidated budget for continuing education, Faculties should indicate in their annual budgets expenditures and revenues relating to continuing education programs.

Dr. Ross)
Dean White) *That the recommendations under the heading "budgeting" be accepted.*

It was pointed out that these recommendations had been made in order to meet academic considerations in this field of university activity but that the final decisions and implementation were a matter for the Board.

The motion was put and carried.

The third set of recommendations concerned the organization of Continuing Education:

The Organization of Continuing Education

Continuing education should be so organized as to provide efficient administration and coordination of programs and services, also vigorous leadership in the field. With these broad goals in mind, as well as the effectiveness of the present arrangements and jurisdictions, it is recommended that there be a twofold form of organization: through a Centre for Continuing Education and Faculty (or School) Divisions of Professional Continuing Education. It is further recommended that there be a President's Coordinating Committee on Continuing Education.

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Reports of Committees of Senate

Committee on Continuing Education

The Organization of Continuing Education(Continued)

1. Centre for Continuing Education

a) The Centre would replace the existing Department of University Extension and administer its programs and services. The Centre would administer those degree programs currently being offered for part-time students; also, it would administer all non-credit programs, with the exception of those which Faculties or Schools by present arrangement or future agreement elect to administer themselves.

b) The Director of the Centre should be its chairman, and he should act on the advice and with the consent of a Council. The composition of the Council should be such as to allow for representation from those staffing the Centre, Faculties cooperating with the Centre in offering programs, instructors of Centre programs, students enrolled in its programs, and the community.

c) Liaison between the Centre and Faculties, Schools, and Departments should be maintained through committees for each program area. Faculty members should have majority membership on these committees, and faculty members should supervise the content of programs.

Reports of Committees of Senate

Committee on Continuing Education

The Organization of Continuing Education (Continued)

2. Faculty (or School) Divisions of Professional Continuing Education

a) As in the cases of the Health Sciences and Commerce, these Divisions would be maintained for the continuing education of graduates in professional fields and other persons qualified for the specialized training offered.

b) Faculties should have the right to decide whether professional continuing education programs should be administered by themselves or by the Centre for Continuing Education or jointly. Transfer of programs to or from the Centre should be by agreement allowing sufficient time for administrative adjustment.

3. President's Coordinating Committee on Continuing Education

a) The Senate Committee on Continuing Education should be disbanded and its place taken by a President's Committee. The membership should consist of representatives of the Centre for Continuing Education, the Faculty Divisions, the Senate, the community and such other persons as the President might choose. The Chairman should be appointed by the President.

b) The chief functions of this University Committee should be as follows:

i) to exercise leadership in developing and assessing University policies on continuing education;

ii) to make, when appropriate, recommendations about the responsibility for the operation of programs;

iii) to foster research on continuing education and evaluation of programs.

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Reports of Committees of Senate

Committee on Continuing Education

The Organization of Continuing Education (Continued)

Dr. Ross)
Dr. Hardwick) *That the recommendations under the heading "The Organization of Continuing Education" be accepted.*

It was suggested that the first sentence under item 1 (b) should be changed to read "The Director of the Centre should be its chairman, and he should act on the advice and with the consent of a Council, subject to final approval by Senate on all academic matters" Senate agreed to this suggestion.

Discussion followed concerning the recommendation for a President's Coordinating Committee on Continuing Education.

In amendment:

Dr. Belshaw)
Dr. Norris) *That the first sentence under item 3 (a) "The Senate Committee on Continuing Education should be disbanded and its place taken by a President's Committee" be deleted, and the next sentence be changed to read "The membership of the Senate committee on continuing education should consist of ..."*

The amendment was lost.

The motion was put and carried.

Dr. Ross thanked the members of the Senate Committee on Continuing Education which was now discharged.

Mr. Stubbs gave notice of motion concerning the addition of the Director of the Centre for Continuing Education as an ex-officio member of Senate.

Proposals of the Faculties

Faculty of Commerce and Business Administration

Item (i) - Proposal to discontinue the Actuarial Science Option 7

It was agreed, as suggested by the Agenda Committee, that this proposal be referred to the Senate Curriculum Committee.

Item (ii) - Authorization to offer Commerce 459 as an extension credit course

This proposal was approved by Senate, as recommended by the Agenda Committee.

Faculty of Agricultural Sciences

The proposed new courses and course changes, outlined in Appendix 'B', were referred to the Senate Curriculum Committee.

Faculty of Education

Additional extra-sessional credit course proposals, outlined in Appendix 'B', were approved.

Faculty of Pharmaceutical Sciences

The proposed curriculum changes, outlined in Appendix 'B', were referred to the Senate Curriculum Committee.

Proposal of the Extension Department to offer extra-sessional credit courses

Senate agreed to the offering of the courses listed in Appendix 'B' subject to approval by the Faculty of Arts and the Faculty of Science.

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Other Business

It was agreed that a letter of congratulations be sent to Dr. Roy Daniells on his appointment as President of the Royal Society of Canada and for the award of the Lorne Pierce Medal for contributions to Canadian literature.

The meeting adjourned at 10:00 p.m.

The next meeting of Senate will be held on Wednesday, September 16, 1970.

J. E. Parnall
Secretary

Confirmed,
Walter H. Gage
Chairman.

APPENDIX 'A'

New Award Recommended to Senate

The Thorsteinsson, Mitchell, Little & O'Keefe Prize (Highest Standing in Taxation

A prize of $250, gift of Thorsteinsson, Mitchell, Little & O'Keefe will be awarded in the Faculty of Law to the student receiving the highest mark in Taxation.

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APPENDIX 'B'

FACULTY OF AGRICULTURAL SCIENCES

Agricultural Mechanics

Changes	300 change in title and description
	301 change in title and description
	415 change in title and description
Deletions	401 and 414

Food Science

New Courses	306 Food Process Science Laboratory
	416 Environmental Bromatology
	418 Toxicants in Food Systems

FACULTY OF EDUCATION

Additional extra-sessional Credit Course Proposals 1970-71

(a) On-Campus

Fine Arts 300	Introduction to the Plastic and Graphic Arts
Fine Arts 401	Painting I
Fine Arts 305, 405 & 415	Design I, II, III
Education 592	Design and Analysis in Educational Research
Education 597	Field Experience for Graduate Students

(b) Off-Campus

Education 332	Psychology of Adolescence	Surrey
Education 417	Educating the Slow Learner	Kelowna
Education 437	Teaching Maladjusted Children	Campbell River
Education 472/473	Developmental Reading - Theoretical/ Practical, Elementary Grades	Kamloops
Education 475/476	Remedial Reading - Theoretical/ Practical	Abbotsford

FACULTY OF PHARMACEUTICAL SCIENCES

Recommendation to delete Biochemistry 411 as a compulsory laboratory. The course to be available as an option.

Pathology 375 Introduction to Human Pathology to become a required course in the Third Year.

Anatomy 390 Basic Human Anatomy to become a compulsory course in the Second Year of the curriculum, when feasible.

Pharmacy 210 Pharmaceutics II to revert back to a two-term course, also change in hours.

APPENDIX 'B' (Continued)

EXTENSION DEPARTMENT

Extension Credit Courses 1970-71

Anthropology 200	Introduction to Anthropology
Anthropology 202	Contemporary Social Problems in an area selected from Africa, Latin America, or East Asia
Anthropology 330	Peasants and the Third World
Anthropology 412	Introduction to Anthropological Problems
Anthropology 413	Kinship
Economics 200	Principles of Economics
Economics 300	Intermediate Economic Analysis
English 200	Literature and Composition
English 303	English Composition
English 309	Modern English and its background
English 311	Children's Literature
English 321	Approaches to Poetry
English 340	The English Novel
English 365	Shakespeare
English 429	Contemporary Literature
English 440	Canadian Literature
English 450	A Survey of American Literature
Fine Arts 125	History of Art
Fine Arts 326	History of Oriental Art
Fine Arts 425	History of Modern Art
Geography 102	Introduction to Human Geography
History 177/178	Survey of African History
History 316	Ideas and Institutions of the Middle Ages
History 424	Modern Chinese History since 1840
History 426	Canada After 1867
History 428	Intellectual History of the United States
History 429 (by correspondence)	History of the American West
History 432	Diplomacy of the Great Powers
Philosophy 100	Introduction to Philosophy
Philosophy 212	Logic and Scientific Reasoning
Philosophy 401	Social and Political Philosophy
Political Science 302	International Organization Since 1919
Political Science 310	Introduction to Political Behaviour
Sociology 200	Introduction to Sociology
Sociology 300	Comparative Sociology
Sociology 352	Organizations
Sociology 364	Sociology of Knowledge
Sociology 412	Introduction to Sociological Problems

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APPENDIX 'B'

EXTENSION DEPARTMENT

Extension Credit Courses 1970-71

Sociology 461	Political Sociology
Sociology 466	Sociology of Education
Sociology 475	Dynamics of Interpersonal Relations
Theatre 301	Children's Theatre

SUBJECT TO THE APPROVAL OF THE FACULTY OF ARTS

Mathematics 300	Calculus II
Mathematics 308	Topics in Algebra
Microbiology 200	Introductory Microbiology

SUBJECT TO THE APPROVAL OF THE FACULTY OF SCIENCE