Wednesday, May 17, 1972.

The ninth regular meeting of the Senate of The University of British Columbia for the session 1971-72 was held on Wednesday, May 17, 1972, at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: President W. H. Gage (Chairman), Dr. A. E. Aho, Mr. D. V. Anderson, Dr. C. S. Belshaw, Dr. C. A. Brockley, Mr. D. M. Brousson, Dr. T. H. Brown, Mr. C. M. Campbell, Dr. S. D. Cavers, Dr. J. D. Chapman, Dr. D. H. Chitty, Dr. R. M. Clark, Dr. M. F. Clarke, Dean I. McT. Cowan, Dr. R. Daniells, Dean W. D. Finn, Mr. A. C. L. Fox, Dr. S. M. Friedman, Dean J. A. F. Gardner, Dr. R. F. Gray, Dr. N. A. Hall, Dr. D. F. Hardwick, Mr. G. H. D. Hobbs, Mr. P. A. Insley, Dr. J. M. Kennedy, Dean D. T. Kenny, Mrs. W. T. Lane, Dr. P. A. Larkin, Mrs. J. MacD. Lecky, Mr. G. A. Letcher, Dean S. W. Leung, Dean Helen McCrae, Dr. C. A. McDowell, Mr. J. A. McEwen, Dr. M. F. McGregor, Dr. J. M. Norris, Mr. R. F. Osborne, Mrs. A. Brearley Piternick, Mr. A. R. Robbins, Mr. S. J. Robinson, Dr. G. Rosenbluth, Dr. R. F. Scagel, Dean N. V. Scarfe, Dean M. Shaw, Dr. J. H. G. Smith, Mr. D. A. Swain, Dr. W. A. Webber, Dr. B. L. White, Dr. W. D. Young.

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

Messages of regret for their inability to attend were received from Chancellor A. M. McGavin, Deputy President W. M. Armstrong, Mr. R. M. Bibbs, Mr. S. Black, Mr. P. T. Burns, The Hon. E. D. Fulton, Mr. W. Gerson, Dr. W. C. Gibson, Mr. I. F. Greenwood, Mr. D. S. M. Huberman, Dr. S. Israels, Dr. W. D. Kitts, Mr. S. S. Lefeaux, Mr. A. J. Longmore, Dean A. J. McClean, Mr. D. F. Miller, Dr. B. N. Moyls, Dr. P. H. Pearse, Mr. P. Plant, Dean B. E. Riedel, Mr. J. V. Rogers, Dr. A. D. Scott, Mr. G. R. Selman, Dr. R. F. Sharp, Dr. J. K. Stager, Mr. B. Stuart-Stubbs, Mr. J. T. Sydor, Dean G. M. Volkoff, Dr. H. V. Warren, Dean P. H. White, Mr. D. R. Williams.

Minutes of the Previous Meeting

Attention was drawn to the last sentence on page 5615 concerning a questionnaire on five year review procedures of Faculties and Departments which read ... "However, it was felt that the questionnaire in its

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Minutes of the Previous Meeting (continued)

present form was unacceptable". Members agreed that this should be amended to read ... "However, it was felt by some members ..."

Dean Cowan)
Dr. Hardwick) *That the Minutes of the eighth regular meeting of Senate for the session 1971-72 having been circulated, be taken as read and adopted, with the above correction.*

Carried

Business arising from the Minutes

Report of Committee on request of the Canadian Union of Public Employees, Local No. 116, for representation on Senate

Consideration of the report circulated at the previous meeting had been deferred in order to give members time to study it before taking action.

Dr. Norris)
Dr. Chapman) *That the Senate of The University of British Columbia not enlarge its membership to include representatives of the Canadian Union of Public Employees, Local No. 116, on the grounds that:*

(a) membership of representatives of the union on Senate has no functional justification

(b) admission of representatives would open the door to representation by any group in the community, whether or not it has any significant functional relationship to the academic affairs of the University.

The report stated that in April 1971, the Canadian Union of Public Employees, Local No. 116, representing some of the non-academic staff of the University, requested Senate to allow them to elect five members to represent the non-academic staff on the Senate of The University of British Columbia.

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Business arising from the Minutes

Report of Committee on request of the Canadian Union of Public Employees, Local No. 116, for representation on Senate (continued)

Arguments put forward in support of the application were that though Faculty and students were well represented through the Faculty Association and the Alma Mater Society, the non-academic staff of about 3,000 was "voiceless" before Senate, and that representation should be from groups directly involved in the operation of the University, including staff which had previously been ignored.

The committee did not regard the arguments put forward as persuasive, and the following conclusions were outlined in the report:-

1. C.U.P.E. Local 116 represents its members (but not all non-academic staff) in these matters which are of immediate functional concern to its members, that is in respect to the business, administrative and maintenance operations of the University.

2. The Senate is not concerned with business or administrative operations of the University. It is the academic legislature of the University and only that.

3. Faculty, students, alumni and government appointees are members of the Senate because each group has a particular function to perform with respect to the academic affairs of the University. No such functional relationship has been established on behalf of C.U.P.E. Local No. 116.

4. The main argument on behalf of the representation of the union is that its members will be enabled thereby to have an opportunity to participate in the academic regulation of the University which will give them a greater feeling of "being accepted" in the University community than they now have. Satisfying this latter desire, however, is not a function of Senate membership.

5. The arguments that the union representatives can bring to Senate a special expertise and a superior pragmatism not already present in Senate, however compelling, are not arguments exclusively applicable to the union, but might be applied to justify the representation of any group on Senate.

Following a brief debate the motion was put and carried.

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Committee on Prizes, Scholarships and Bursaries

Dean Scarfe)
Dr. McGregor)

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 donor.

Carried

Reports of Committees of Senate

Committee on Fourth Year Clinical Clerkship

A petition had been presented to Senate at the February 23, 1972 meeting requesting an enquiry into the Fourth Year Clinical Clerkship.

A committee had been established to examine the problems outlined and to bring to Senate recommendations on the issues involved in the operation of the Clerkship in consultation with the Dean and Heads of the Faculty of Medicine.

Dr. Hall presented the report of the committee. Part I dealt with specific issues raised by the Senate motion and elaborated upon in a formal brief presented to the committee by the Medical Undergraduate Society. Part II dealt with general issues of an academic and administrative nature.

The following recommendations for modification of the clinical clerkship were outlined in Appendix 'B' of the report:-

1. A written statement of objectives and responsibilities should be provided for each of the clerkship rotations. These should be circulated to all members of the active and resident staff and to the clerks at the beginning of each rotation.

Reports of Committees of Senate

Committee on Fourth Year Clinical Clerkship (continued)

2. A minimum of 4 hours a week should be set aside for formalized teaching sessions - directed solely to the clerks. These sessions must take precedence over ward, O.R. and case room duties except under extraordinary circumstances. Sessions such as ward rounds, grand rounds, seminars etc., directed also to resident and active staff should not be included in the 4 hour minimum.

3. Clerks should not be obligated to scrub on cases which they have not worked up. Clerks should scrub on cases they have worked up whenever possible.

4. Night duty and weekend duty should be no more frequent than 1 in 4. This should be the average throughout the clerkship.

5. Clerks should not service wards at night with which they have no daytime contact, except under extraordinary circumstances.

6. The clerk's progress should be reviewed with him by the staff man responsible for that service, at the mid point as well as at the end of each service.

7. A relevant reading list (texts and medical journals) should be provided to the clerk at the beginning of each service. The reading list should reflect the departmental objectives.

8. The clerkship should be shortened by 9 weeks and the Third Year lengthened by 8 weeks. The new timetable for the clerkship should be as follows:

Department	Present (weeks)	Proposed (weeks)
H.C.E.	2	2
Medicine	12	10
Surgery	12	10
Ob. Gynecology	8	7
Paediatrics	8	7
Psychiatry	8	7
Elective	12	10
	62	53

9. The operation of the clerkship should be reviewed at Departmental meetings at least six times each year.

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Reports of Committees of Senate

Committee on Fourth Year Clinical Clerkship (continued)

10. In addition to continual review and modification of the clerkship by clinical departments as necessary, the curriculum committee should formally review the academic content of the clerkship at yearly intervals. This review should commence at least four months before each new clerkship programme begins to allow time for introduction of possible modifications.

11. A recommendation regarding the inclusion of ambulatory medicine in the clerkship programme should be made after consideration of all the matters that bear on this subject.

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

Carried

Dr. Hall)
Dr. Hardwick)

1. *That Senate request the Acting Dean of Medicine to report to the next meeting of Senate on progress towards implementation of the recommendations contained in Appendix 'B' of the report.*

2. *That the Faculty of Medicine present its detailed proposals in support of a reduction in the Clinical Clerkship to 53 weeks and the extension of the Third Year by 8 weeks not later than the November, 1972 meeting of Senate.*

3. *That Senate request the Dean of Medicine to respond to the suggestions and recommendations contained in this report, not later than the December, 1972 meeting of Senate.*

Dr. Hall stated that the substance of part 1 and 2 of the motion was superseded by recommendations from the Faculty of Medicine which were already on the agenda for this meeting.

Attention was drawn to the extent to which the Faculty of Medicine had advanced its programme without Senate being informed, and it was

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Reports of Committees of Senate

Committee on Fourth Year Clinical Clerkship (continued)

felt that Deans should be reminded to keep Senate fully informed of developments in the Faculties.

The motion was put and carried.

New Programmes Committee

Department of Clinical Neurological Sciences

Dr. Belshaw presented the report. The committee had discussed a proposal of the Faculty of Medicine to establish a Department of Clinical Neurological Sciences with members of the Faculty. The proposed new department would be established by the fusion of two existing divisions, the Division of Neurology and the Division of Neurosurgery. This arrangement would bring together Faculty members and research workers who considered that they had common educational goals.

Dr. Belshaw)
Mr. Letcher) *That Senate approve the proposal of of the Faculty of Medicine to establish a Department of Clinical Neurological Sciences.*

In answer to a query it was explained that the Division of Neurological Sciences in the Department of Psychiatry would still exist and was not related to the new Department of Clinical Neurological Sciences.

The motion was put and carried.

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Proposals of the Faculties

Faculty of Graduate Studies

(i) New courses and course changes (See Appendix 'B')

It was agreed that items in category (a) be referred to the Senate Curriculum Committee. A suggestion was made that approval of the deletion of Oceanography 401 and Religious Studies 500 in category (b) be postponed until the new courses replacing them had been approved.

Dean Cowan)
Dr. Norris)

That course changes in category (b) recommended by the Faculty of Graduate Studies be approved, with the exception of Oceanography 401 and Religious Studies 500.

Carried

(ii) Proposal to change the name of the Master's degree in Creative Writing from M.A. to M.F.A. (Master of Fine Arts)

Members of the Department of Creative Writing felt that the proposed change in the name of the Master's degree would bring it more into line with degrees given by departments concerned with the creative and performing arts both in British Columbia and elsewhere in North America.

It was explained that the proposal had not yet been approved by the Faculty of Arts.

Dean Cowan)
Dean Kenny)

That the name of the Master's degree in Creative Writing be changed from Master of Arts to Master of Fine Arts as recommended by the Faculty of Graduate Studies, subject to the approval of the Faculty of Arts.

Carried

(iii) Requirement of essays for M.Eng. degree

It was proposed that the requirement of essays for the

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Proposals of the Faculties

Faculty of Graduate Studies

(iii) Requirement of essays for M.Eng. degree (continued)

Master of Engineering degree be left to the discretion of the individual department offering the degree.

Dean Cowan)
Dean Gardner) *That the proposal of the Faculty of Graduate Studies concerning the requirement of essays for the M.Eng. degree be referred to the Senate Curriculum Committee.*

Carried

(iv) Proposal to offer a Ph.D. programme in Human Nutrition

Dean Cowan)
Dr. Hardwick) *That the proposal of the Faculty of Graduate Studies to offer a Ph.D. programme in Human Nutrition be referred to the Senate New Programmes Committee.*

Dr. Belshaw stated that the present committee would be unable to report on this item at the June meeting and that it would have to be considered by the new committee which would be established in the Fall.

The motion was put and carried.

(v) Proposal to revise the regulations relating to the Master's Programme

Dean Cowan explained that the existing regulations for the Master's degree with thesis required at least 6 units of graduate work. This was in the regular research programme Master's degree usually supplemented by 6 to 9 units of research which was conducted at the 500 level.

The proposed change stipulated that at least 12 units of courses at the 500 level or above be required in the non-thesis

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Proposals of the Faculties

Faculty of Graduate Studies

(v) Proposal to revise the regulations relating to the Master's Programme (continued)

degree programme in order to keep the same graduate input into the changed degree pattern.

Dean Cowan)
Dr. Norris) *That for the Programme with Comprehensive Examination at least 12 units of courses numbered 500 or above be required, as recommended by the Faculty of Graduate Studies.*

In reply to a query it was explained that within the 15 unit minimum students would only be able to take 3 units of undergraduate courses.

The motion was put and carried.

Faculty of Medicine

(i) New course in Health Care and Epidemiology

Dr. Webber)
Dr. Hardwick) *That the proposal of the Faculty of Medicine to offer a new course, HC/E 402 (1½) Clinical Sessions, be referred to the Senate Curriculum Committee.*

Carried

(ii) First Year Medicine - new course proposal

Dr. Webber)
Dr. Hardwick) *That the proposal of the Faculty of Medicine to offer a new course, 401 (1½) Introduction to Clinical Practice, be referred to the Senate Curriculum Committee.*

Carried

(iii) Clinical Clerkship - programme modifications

It was explained that the Faculty of Medicine had considered the recommendations of the Faculty Curriculum Committee and these had been discussed with the Senate ad hoc

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Proposals of the Faculties

Faculty of Medicine

(iii) Clinical Clerkship - programme modifications (continued)

Committee on the Fourth Year Clinical Clerkship. The Faculty had approved a recommendation concerning an adjustment in the timing of the Third Year and the Clinical Clerkship.

Dr. Webber)
Dr. Hall)

That the proposal of the Faculty of Medicine to shorten the Clinical Clerkship by 9 weeks and to lengthen the Third Year by 8 weeks be referred to the Senate Curriculum Committee.

Carried

Faculty of Science

(i) Change in admission requirements for applicants from Grade 12

The following proposal had been circulated to Senate:-

"That applicants from Grade 12, British Columbia, seeking admission to the First Year of the Faculty of Science in September, 1974 and thereafter be required, in addition to meeting general University entrance requirements, to have completed satisfactorily Chemistry 11, Mathematics 11 and 12, Physics 11 and at least one other Science course of Grade 11 or Grade 12."

It was explained that the purpose of the proposal was to give guidance to students in the selection of their courses in Grades 11 and 12.

Dr. Scagel)
Dr. McDowell)

That the proposal to change admission requirements for applicants from Grade 12, recommended by the Faculty of Science, be referred to the Senate Admissions Committee.

Following a brief discussion the motion was put and carried.

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Proposals of the Faculties

Faculty of Science (continued)

(ii) Proposal concerning description of standings on student's transcript of record (See Senate resolution, April 1970 - P.5254)

In April 1970 Senate approved a resolution of the Faculty of Science that the designation "distinction" or "high distinction" be introduced for both Majors and Honours programmes. The Faculty now proposed to revert to the previous method of First and Second Class standing based on 15 or 21 units depending on whether it was a Majors or Honours programme in the area of specialization.

Dr. Scagel)
Mr. Robinson) *That the terms "distinction" and "high distinction" be deleted from the graduation standing of students affected, as recommended by the Faculty of Science.*

Carried

(iii) Change of name of Department of Geology

Dr. Scagel)
Dr. Aho) *That the name of the Department of Geology be changed to Department of Geological Sciences.*

Carried

(iv) Proposed course and curriculum changes (See Appendix 'B')

Dr. Scagel)
Dr. McDowell) *That the proposed course and curriculum changes in Botany, Mathematics and Physics, recommended by the Faculty of Science be approved.*

Carried

Candidates for Degrees and Awards - Congregation 1972

Lists of candidates for degrees to be awarded at the Spring Congregation 1972 were circulated at the meeting.

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Candidates for Degrees and Awards - Congregation 1972 (continued)

The Chairman extended congratulations to student senator Mr. Gary A. Letcher on attaining a First Class standing with a major in Psychology.

Dean Cowan) Dean Scarfe)	*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

The Chairman reported that Miss Norma J. Broderick was to receive the Governor-General's Gold Medal.

Dr. Hardwick) Mr. Letcher)	*That the medals, prizes, scholarships and fellowships be awarded as recommended in the list of awards.*

Carried

Comments by Dr. Belshaw relative to his membership on the Academic Board

A report by Dr. Belshaw was circulated to Senate for information.

Other Business

1. Dr. Young referred to an announcement which had appeared in a Vancouver newspaper to the effect that the Faculty of Education had decided to add a fifth voluntary year to its Elementary Teaching Degree Programme. It was explained that a voluntary Fifth Year for students who wished to take it was already in existence.

2. In answer to a query concerning the recent problems between the Department of Mathematics and the Faculty of Applied Science the Chairman stated that a report from Faculty Council would appear in

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Other Business (continued)

U.B.C. Reports but at the moment the matter was still before the Faculty of Applied Science.

The meeting adjourned at 8.55 p.m.

The next regular meeting of Senate will be held on Wednesday, June 7, 1972.

Secretary

Confirmed,

Chairman

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APPENDIX 'A'

New Award Recommended to Senate

The Delta Kappa Gamma Society Scholarship - A scholarship of $200, gift of the Delta Kappa Gamma Society, will be awarded to a woman student in the Faculty of Education. The award will be made to a student who has a good academic record and whose personal qualities indicate that she will be an outstanding teacher.

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APPENDIX 'B'

Course and Curriculum Proposals

(a) = new courses or substantial changes
(b) = minor changes

FACULTY OF GRADUATE STUDIES

Commerce and Business Administration

(a)	New courses	541 (1½)	Logistics Systems Analysis
		578 (1½)	International Financial Management

Geology

(b)	Changes	531	change in description
		519, 575, 585,	change in unit value

Health Care and Epidemiology

(a)	New courses	501 (1½)	Problems in the organization of Health Care
		502 (1½-3)	Health Care in Context of Canadian Social Policies
		503 (1½-3)	The Study of Health Service Institutions
		504 (1½-3)	Research Methods in Health Care
		505 (1½)	Hospital Administration
		506 (1½)	The Delivery of Public Health Services
		507 (1½)	The Delivery of Primary Health Care
		508 (1½)	Seminar on Rehabilitation
		509 (1½)	Socio-Economic Factors and Health
		510 (1½)	Professionalization and the Health Professions

Linguistics

(a)	New course	546 (1½-3)	Directed Reading

Mechanical Engineering

(b)	Change	572	change in unit value

Oceanography

(b)	Deletion	401 (1)	Introduction to Dynamic Oceanography
(a)	New courses	401 (1)	Elements of Dynamic Oceanography
		411 (2)	Introduction to Dynamic Oceanography

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APPENDIX 'B'

Course and Curriculum Proposals

FACULTY OF GRADUATE STUDIES (continued)

Political Science

(a)	New course	520 (3)	The Politics of Technology and Advanced Industrial Societies

Poultry Science

(b)	Change	523	change in unit value

Religious Studies

(b)	Deletion	500	
(a)	New courses	500 (3)	Topics in Biblical Studies
		503 (3)	Topics in the Post-Biblical Christian
		510 (3)	Topics in selected areas of the religious texts and traditions of South and East Asia

FACULTY OF SCIENCE

Botany

(b)	Change	426 and 427	change in unit value

Mathematics

(b)	Change	Eliminate the language requirement for majors

Physics

(b)	Change	One section of Physics 200 is to be used primarily for Chemistry students with course content chosen from electromagnetism and optics. Course content for the physics section to be chosen from properties of matter, heat and electricity. Other changes are contemplated in Second Year courses.