Wednesday, February 21, 1973.

The Sixth regular meeting of the Senate of The University of British Columbia for the Session 1972-73 was held on Wednesday, February 21, 1973, at 8.00 p.m. in the Board and Senate Room, Administration Building.

Present: President W. H. Gage (Chairman), Mr. D. V. Anderson, Mr. G. E. Andreone, Miss A. J. Baumgart, Dr. L. L. Bongie, Dr. C. B. Bourne, Dr. D. G. Brown, Dr. T. H. Brown, Mr. R. M. Buzza, Mr. C. McK. Campbell, Dr. R. M. Clark, Dean I. McT. Cowan, Dr. R. Daniells, Dr. J. D. Dennison, Mrs. F. Field, Mr. D. B. Fields, Dean W. D. Finn, Dr. C. V. Finnegan, Dr. N. C. Franz, Dr. J. G. Foulks, Dean J. A. F. Gardner, Dr. R. F. Gray, Dr. D. F. Hardwick, Mr. G. H. D. Hobbs, Dr. B. Howard, Dean D. T. Kenny, Dr. L. Kraintz, Dr. R. V. Kubicek, Dean S. W. Leung, Dr. J. Levy, Mr. T. B. Lindsay, Mr. A. J. Longmore, Dean A. J. McClean, Dr. C. A. McDowell, Mr. J. A. McEwen, Dr. M. F. McGregor, Mr. C. D. L. MacKenzie, Mr. J. G. Matkin, Dr. P. Merivale, Dr. J. M. Norris, Mr. R. F. Osborne, Dr. G. V. Parkinson, Mr. P. S. Plant, Dean B. E. Riedel, Mr. S. J. Robinson, Dr. I. S. Ross, Dean N. V. Scarfe, Mrs. H. W. Sonthoff, Mrs. C. A. Soong, Dr. J. K. Stager, Dr. K. S. Stockholder, Mr. D. A. Swain, Mr. J. T. Sydor, Mr. G. A. Thom, 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, Mr. J. P. Blaney.

Messages of regret for their inability to attend were received from Chancellor N. T. Nemetz, Dr. A. E. Aho, Mrs. M. F. Angus, Deputy President W. M. Armstrong, Mr. R. M. Bibbs, Dr. S. D. Cavers, Dr. N. Epstein, The Hon. E. D. Fulton, Dr. W. C. Gibson, Mr. J. Guthrie, Mr. P. A. Insley, Dr. F. R. C. Johnstone, Dr. J. M. Kennedy, Dr. W. D. Kitts, Mrs. W. T. Lane, Dr. R. McConnell, Dean Helen McCrae, Rev. J. P. Martin, Mr. J. M. Munsie, Dr. P. H. Pearse, Mr. A. R. Robbins, Dr. R. F. Scagel, Dr. R. F. Sharp, Dean M. Shaw, Mr. B. B. Trevino, Dean G. M. Volkoff, Mr. D. R. Williams.

Wednesday, February 21, 1973.

Minutes of the Previous Meeting

Dr. Hardwick)
Dean Gardner) *That the minutes of the Fifth regular meeting of Senate held January 17, 1973 and continued January 24, 1973, having been circulated, be taken as read and adopted.*

Carried

Business arising from the Minutes

Report of the Nominating Committee

(i) Ad hoc Committee on Teaching Evaluation

Dr. Bourne presented the report. At its meeting of January 17, 1973 Senate passed a resolution that a committee be established to investigate teaching evaluation at The University of British Columbia. The Nominating Committee recommended the following membership:-

Dr. R. Daniells (Chairman)
Mr. G. E. Andreone
Mrs. M. F. Angus
Dr. N. Epstein
Dr. B. Howard
Dr. R. E. McConnell
Mr. J. M. Munsie

The Chairman of Senate suggested that the following names be added to the membership of the committee:-

Dr. M. F. McGregor, Mr. C. D. L. MacKenzie,
Dr. R. F. Scagel.

Dr. Bourne)
Dean Cowan) *That Senate approve the recommendations of the Nominating Committee.*

In amendment:

Mr. Andreone) *That Dr. Daniells be appointed temporary*
Mr. Robinson) *Chairman of the Committee.*

Lost

The motion was put and carried.

Business arising from the Minutes

Report of the Nominating Committee (continued)

(ii) Co-opted members of Senate committees

Dr. Bourne drew attention to the following extract from the Report of the Senate Committee on the Role and Organization of Senate concerning co-opted members of Senate committees:-

"1. Every Senate committee shall be free to co-opt additional members, whether or not they are members of Senate, subject to two conditions:

(i) First, a majority of the entire committee must vote in favour of each individual proposed;

(ii) thereafter the Senate must vote in favour of each individual proposed.

2. Persons proposed for co-option to committees shall not attend meetings of these committees until Senate has approved of their becoming members.

3. Co-opted members of committees shall have full voting rights on these committees."

Dr. Bourne stated that it had come to the attention of the Nominating Committee that these rules had not been followed by some of the committees of Senate. The committee requested that chairmen of Senate committees be asked to ensure that these regulations were adhered to in the future.

Education 380 - clarification of approval of this course by the Faculty of Education

At the January 24, 1973 meeting of Senate it had been pointed out that the proposal to offer Education 380 in Singapore had not been

Business arising from the Minutes

Education 380 - clarification of approval of this course by the Faculty of Education (continued)

approved by the Faculty of Education. Dean Scarfe reported that this had since received Faculty approval.

Registration 1972-73 - breakdown of enrolment figures to include part-time students

A report had been circulated for information showing the number of part-time students enrolled at the University during the winter period, September to May.

Summer Session Regulations

A query had been raised at the January 24, 1973 meeting concerning the number of students allowed to take more than 6 units during the Summer Session. The Registrar stated that a total of 86 students had taken more than 6 units during the last Summer Session. Of these 41 did so in order to complete degree requirements; three in order to qualify for teaching certificates and the remainder for a variety of reasons.

From the Board of Governors

Notification of approval in principle 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 Heads concerned with new programmes be asked to indicate the space requirements, if any, of such new programmes.

(i) Course changes in Poultry Science and in Soil Science recommended by the Faculty of Agricultural Sciences. *(P.5712)*

From the Board of Governors (continued)

(ii) Courses to be offered in Intersession 1973 as recommended by the Faculty of Arts. *(P.5740 and 5741)*

(iii) Changes in the Licentiate in Accounting Programme recommended by the Faculty of Commerce and Business Administration. *(P.5712 and 5713)*

(iv) Course changes recommended by the Faculty of Commerce and Business Administration. *(P.5741)*

(v) Psychology 100 or its equivalent moved from First Year Dental Hygiene to the prerequisite year effective for the academic year 1974-75 as recommended by the Faculty of Dentistry. *(P.5730)*

(vi) Education 308 to be offered in England and Scandinavia in 1973, and Education 460 to be offered by correspondence through the Centre for Continuing Education, as recommended by the Faculty of Education. *(P.5737-8 and P.5747)*

(vii) Education 380 to be offered in Singapore in 1973. *(P.5748 and 5797-98)*

(viii) Ph.D. programme in Art History to be offered through the Department of Fine Arts, as recommended by the Faculty of Graduate Studies. *(P.5730-33)*

(ix) Baccalaureate programme in Nursing recommended by the School of Nursing (and ratified by the Faculty of Applied Science), approved in principle. *(P.5733-35)*

(x) Courses to be offered in Intersession 1973 and extra-sessional courses to be offered from September 1973 to May 1974 as recommended by the Faculty of Science. *(P.5741)*

Committee on Prizes, Scholarships and Bursaries

Dean Scarfe)
Mr. Osborne) *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

Admissions Committee

Dr. Finnegan presented the report. A proposal from the Faculty of Science concerning admission and promotion policies had been referred to the committee at the December 1972 meeting of Senate. The committee felt that the proposal should have included part-time students.

Dr. Finnegan)
Dr. Gray)

That the proposal of the Faculty of Science be returned to the Faculty with a request for submission to Senate of a promotion policy encompassing all Science students, full and part-time.

Concern was expressed that this would unnecessarily delay consideration of the proposal for full-time students.

Following a brief discussion the motion was put and carried.

Dr. Finnegan)
Dr. Ross)

That each Faculty be requested to submit a statement of its current promotion policy for both full and part-time students together with any proposals for change.

It was stated that promotion policies for part-time students were not clearly defined in the Calendar and that up-to-date information was needed for both full and part-time students.

The motion was put and carried.

Reports of Committees of Senate (continued)

Curriculum Committee

Faculty of Agricultural Sciences

Dr. Norris)
Dean Cowan) *That changes in title and description of Plant Science 431 and 432 recommended by the Faculty of Agricultural Sciences be approved. (P.5712)*

Carried

Category B items

It was explained that Category B items were listed for the information of Senate in the appendix to the minutes of the meeting of January 24, 1973.

Approval of the Category B proposals submitted by the Faculty of Education had been postponed at the previous meeting pending further consideration by the committee, (P.5764, 5784-5). The committee was now satisfied that these were in fact minor changes.

Faculty of Law (See Appendix 'B')

Dr. Norris)
Dr. Hardwick) *That the proposal of the Faculty of Law to offer new courses be approved.*

Carried

Category B items are listed in Appendix 'B' for information.

Attention was drawn to two Category B items i.e. change in unit value of Law 501 and 503. The Dean of Law agreed to the recommendation of the committee that the numbers of these two courses be changed since they were not in fact Graduate courses.

Reports of Committees of Senate

Curriculum Committee (continued)

Faculty of Pharmaceutical Sciences

Category B proposals are listed in Appendix 'B' for information.

Faculty of Applied Science

Approval of Applied Science 160 and 260 had been withheld at the previous meeting (P.5766) pending consultations among the various departments concerned. These consultations had since taken place.

Dr. Norris)
Dr. Hardwick) *That the proposal of the Faculty of Applied Science to offer a new course, Applied Science 160, be approved.*

Concern was expressed that the proposal to offer Applied Science 160 as a section of the course Urban Studies 200 had not had sufficient scrutiny by the Urban Studies Committee. It was suggested that the increased enrolment in this course might make a substantial difference to the way in which the course would be offered.

In amendment:

Dean White)
Dr. Dennison) *That the proposal of the Faculty of Applied Science to offer Applied Science 160 be approved for one year only and be subject to review at the end of the year.*

Reports of Committees of Senate

Curriculum Committee

Faculty of Applied Science (continued)

It was stated that a considerable number of changes had been made in Applied Science programmes in order to include this course. It seemed unreasonable to ask the Faculty to proceed on an experimental basis when the problems were administrative.

The amendment was lost.

The motion was put and carried.

Dr. Norris)
Mr. McEwen) *That the proposal of the Faculty of Applied Science to offer a new course, Applied Science 260, be approved.*

The Chairman of the committee explained that this proposal had previously been withheld because of objections raised by the Head of the Department of Economics concerning the content of the course.

Dean Finn assured Senate that he would be prepared to make any modifications suggested by the Department of Economics.

The motion was put and carried.

The attention of Senate was drawn to changes in curriculum necessitated by the introduction of Applied Science 160 and 260. These had been withheld at the previous meeting pending approval of these two courses. (P.5766 and 5773-6)

Reports of Committees of Senate

Curriculum Committee

Faculty of Applied Science (continued)

Dr. Norris)
Dr. Parkinson) *That changes in curriculum to permit the introduction of Applied Science 160 and 260 recommended by the Faculty of Applied Science (P.5766 and 5773-6) be approved.*

Carried

Approval had been postponed of a proposal to delete English 150 as a compulsory course in the Faculty of Applied Science pending consultations between the Dean of Applied Science, the Dean of Arts and the Head of the Department of English. (P.5766)

Dr. Norris)
Dr. Parkinson) *That Senate approve the proposal of the Faculty of Applied Science to delete English 150 as a required course, and that students transferring into First Year Applied Science from institutions other than The University of British Columbia be required to write a diagnostic essay to determine their ability in English.*

During the following debate it was suggested that it was unfair to require students from other universities and colleges to write a diagnostic essay if it were not required of students from this University.

Following further discussion it was agreed that the statement concerning the diagnostic essay be deleted from the proposal and referred to the Faculty of Applied Science for reconsideration.

Reports of Committees of Senate

Curriculum Committee

Faculty of Applied Science (continued)

The motion to delete English 150 as a required course was put and carried.

School of Nursing (See Appendix 'B')

The Chairman explained that new courses had been submitted to the December 13, 1972 meeting of Senate as part of the new Baccalaureate Programme in Nursing.

Dr. Norris)
Mr. Matkin) *That the proposal of the School of Nursing to offer new courses be approved.*

In reply to a query it was stated that Grade 11 Science courses were required prerequisites to enter the programme and that Chemistry 12 was strongly recommended.

Some members expressed interest in the course Nursing 112, Human Behavioural Sciences. In reply to a query it was stated that it would probably be open to all students.

Concern was expressed that because of the number of hours of work required during the summer months some students might experience financial difficulties. The Director of the School of Nursing stated that she intended to seek financial assistance for students enrolled in the summer months.

Reports of Committees of Senate

Curriculum Committee

School of Nursing (continued)

The motion was put and carried.

Dr. Norris)
Dr. Gray)

That the proposal of the School of Nursing to offer two new courses, Zoology 153 and Microbiology 153, be approved.

Carried

In reply to a query concerning the publication of a supplementary Calendar as agreed to in Recommendation 8 of the report of the President's ad hoc Committee on Procedures - Course and Curriculum Changes, the Chairman of Senate stated that this would be issued by the Registrar in time for registration in September.

Report of the Librarian 1971-72

The Agenda Committee recommended that the report be received and returned to the agenda for discussion at the March Senate meeting.

Dr. McGregor)
Dean Cowan)

That the report of the Librarian be received.

Dr. McGregor, Chairman of the University Library Committee, urged members of Senate to direct their attention to disclosures concerning the increasing shortage of space, particularly in the processing divisions of the Library, and also to the increasing cost of purchasing books from abroad.

Senate agreed to discuss the report at the March meeting.

Other Business

The Role and Organization of Senate

A motion by Dr. Pearse concerning the Report of the Senate Committee on the Role and Organization of Senate had been received by the Agenda Committee.

Dr. Webber)
Mr. Robinson) *That a committee be struck to revise and bring up-to-date the document entitled "The Role and Organization of Senate".*

It was explained that the document had been prepared in 1968 and formed the background against which Senate conducted its business. Since its terms were not widely known by members of Senate and in some instances were not being adhered to, it was felt that it would be useful if the report were brought up-to-date.

The motion was put and carried.

Extracurricular activities

Mr. Swain gave notice of the following motion:-

"That a committee be established to review Senate's philosophy and objectives in extracurricular activities."

Report of the Committee on Appeals on Academic Standing

As the report of the Committee on Appeals on Academic Standing concerned matters that as a courtesy to those involved should not be released for publication, members of the gallery were asked to leave.

Dean McClean reported on behalf of the committee. The first appeal was from a Mr. Whitely who had failed his year in Librarianship

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APPENDIX 'A'

New awards recommended to Senate

The Burnaby Creative Writers' Society Bursary - A bursary of $100, gift of the Burnaby Creative Writers' Society, is offered to Burnaby students entering or continuing a program of studies leading to a degree or diploma in creative writing at any University or regional college in British Columbia. The winner will be considered for a further renewal in the following year provided he or she has maintained a satisfactory scholastic level (i.e. a minimum of 65% or the equivalent grade-point standing). The award will be made by The University of British Columbia on the basis of academic record, financial need, length of residence in Burnaby, and proposed program of study. Application must be made on the UBC Bursary Form not later than July 15.

The Canadian Forest Products Fellowship in Forest Wildlife Management - This fellowship, the gift of Canadian Forest Products Limited, provides $5,000 annually for support of graduate studies in wildlife management in the Faculty of Forestry at The University of British Columbia. A portion will be provided to the fellow or fellows, the balance to be used for equipment, materials and supplies essential to the research. The fellowship will be awarded to candidates recommended by the Faculty of Forestry and approved by the University Scholarship Committee.

Dafoe Foundation Post-Graduate Fellowship - To assist graduate studies conducive to an understanding of international relations, the Dafoe Foundation will provide a post-graduate fellowship each year until further notice. The fellowship will be tenable annually at The University of British Columbia, beginning with the academic session 1974-75. The fellowship will have the value of $5,000. Graduate studies may be undertaken in such fields as international relations, political science, international or other economics, or diplomatic or other history. The governing consideration is that such studies should have relevance to the purpose for which the fellowship has been established. A candidate must file his application with the University Awards Office of The University of British Columbia. Conditions of application will be determined independently by the participating university. The Dafoe Foundation will not award a post-graduate fellowship unless, or until, a candidate is nominated by the appropriate academic body at the institution where the graduate studies are to be pursued. Nominations should be made to the Foundation prior to its annual meeting in May.

APPENDIX 'A'

New awards recommended to Senate (continued)

The Frank A. Forward Memorial Scholarships in Metallurgy - In memory of Frank A. Forward and in honour of his long and distinguished career as both faculty member and department head in Metallurgy, these scholarships, in the amount of $500, will be awarded to students entering the Second Year in Metallurgy. It is expected that two such scholarships will be available, and the award will be made on the basis of academic ability and interest in the field of Metallurgy, on recommendation of a committee chaired by the Head of the Department of Metallurgy.

The Heather Howard Memorial Scholarship - This scholarship, established in memory of Heather Howard (B.S.R., U.B.C., 1970), is open to students who have completed the first three years in the program leading to the degree in Rehabilitation Medicine. It will be awarded annually on the recommendation of a committee of faculty and students to a student who is deserving of assistance, has demonstrated good academic ability and a keen interest in Rehabilitation Medicine, and who has participated meaningfully in student activities.

The Peter Howard Memorial Scholarship - This scholarship in memory of Peter Norman Howard (UBC - B.A., 1962 and LL.B., 1965; Harvard - LL.M., 1966) will be awarded to a student deserving of financial assistance, who has demonstrated a high level of academic ability and interest in the field of law and who, through personal endeavour or participation in student activities and/or athletics, has indicated a potential for excellence and leadership.

The Ethel Johns Memorial Scholarship - As a memorial to Ethel Johns, who was first director of the Nursing program at The University of British Columbia, a scholarship fund has been established by Professor Margaret Street and augmented by donations from other sources. The annual income provides a scholarship for a graduate student in Nursing. The award will be made to a student who needs financial assistance and who has outstanding personal and professional qualifications.

APPENDIX 'A'

New awards recommended to Senate (continued)

The Council for Exceptional Children Samuel Laycock Book Prize - A book prize to the value of $100, gift of Vancouver Chapter 257, The Council for Exceptional Children, is offered annually in all fields and faculties dealing with exceptional children, such as psychology, psychiatry, medicine, education, and open to all students, undergraduate or graduate, who have an interest in exceptional children and have shown an aptitude for study and investigation concerning them. Selection of the winner will be made by the University from nominations submitted by the appropriate departments to a Committee named by the Dean of Education. Nominations must be submitted by May 1st.

The Bruce Marshall Award - Established by the Physics Society of The University of British Columbia, this award of $50 will be presented to the student who, having won no other private award, grant, fellowship, or scholarship, has in the opinion of the instructor contributed the most to the quality of class discussion in the Honours Section of Physics 308.

Metallurgy Trust Fund Scholarships - The Metallurgy Trust Fund was established to receive donations and payments from industries which benefit from consultations with Metallurgy Faculty. From this fund, scholarships in the amount of $400 will be awarded to students entering the Second Year or Third Year in Metallurgical Engineering. The number of scholarships may vary from year to year depending on the quality and number of applicants. Awards will be made on the basis of both merit and need, on the recommendation of the Head of the Department of Metallurgy.

The M.S.A. Entrance Scholarship in Dentistry - A scholarship of $750 a year for two years is awarded annually to a student beginning studies in the Faculty of Dentistry toward the degree of D.M.D. The award will be made on the recommendation of the Dean of Dentistry to a student selected on the basis of outstanding promise and personal qualities. Renewal of the scholarship for the Second Year will be subject to maintenance of satisfactory standing and progress.

APPENDIX 'A'

New awards recommended to Senate (continued)

British Columbia Provincial Executive, Ukrainian Women's Association of Canada Prize - A prize of $50, gift of the British Columbia Provincial Executive, Ukrainian Women's Association of Canada, is offered annually to a student with the highest academic achievement in Ukrainian. The award will be made on the recommendation of the Instructor in the course.

APPENDIX 'B'

Course and Curriculum Proposals

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

FACULTY OF LAW

A New courses — Law
446 (1½) Seminar on Non-Western Legal Systems
465 (1½) Seminar on Women and the Law
208 (1) Advanced Taxation
246 (1) Legal Ethics

B Changes
215, 225 - change in unit value and hours
277, 279, 281, *501, *503 - change in unit value

*see page 5801 re numbering of these courses.

457A number changed to 434

SCHOOL OF NURSING

A New Courses

N.110	(6)	The Well Person
N.112	(3)	Human Behavioural Science
N.115	(6)	Maturational Problems of the Well Person
N.210	(8)	The Person with Problems Related to Loss I
N.215	(6)	The Person with Problems Related to Loss II
N.310	(6)	Maturational Problems of Individuals and Families
N.320	(1½)	Elementary Statistics and Research Methodology
N.410	(6)	Individuals and Families Experiencing Loss
N.420	(3)	Nursing and the Changing Society
N.425	(3)	Independent Study in Nursing

Microbiology 153 (1½) Applied Microbiology
Zoology 153 (3) Human Biology

APPENDIX 'B'

Course and Curriculum Proposals (continued)

FACULTY OF PHARMACEUTICAL SCIENCES

B	Changes	Pharmacy 340, 345 and 440 - change in description