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The First Regular Meeting of the Senate for the Session 1946-47 was held on Wednesday, October 23rd, 1946, at 8:00 p.m., in the Board and Senate Room.

Present: President MacKenzie (in the Chair), Dean D. Buchanan, Dean F.M. Clement, Dean J.N. Finlayson, Dean G.F. Curtis, Dr. O.J. Todd, Mr. W.H. Gage, Dr. H.J. MacLeod, Mr. F.A. Forward, Dr. J.C. Berry, Dr. G.H. Harris, Mr. F. Read, Mr. H.N. MacCorkindale, Mr. F.J. Burd, Mr. A.R. Lord, Mr. H.O. English, Mr. W.R. McDougall, Dr. J.M. Ewing, Rev. Dr. H.R. Trumpour, Mr. K.P. Caple, Mrs. Sally Murphy Creighton, Mr. A.E. Lord, Dean M. Dorothy Mawdsley, Miss Florence S. Mulloy, Dr. W.N. Sage, Dr. G.G. Sedgewick, Dr. A.B. Schinbein, Dr. F.A. Turnbull, Dr. H.V. Warren.

Expressions of regret for their inability to be present were received from Dr. Sherwood Lett, Dr. A.E. Grauer, Dr. C.H. Wright, and Dr. J.F. Walker.

Mr. A.E.Lord)
Mr. Gage) That the minutes of the Fifth Regular Meeting of August 23rd, 1946, and the minutes of the Special Meeting of October 8th, 1946, be taken as read and adopted.

Carried

Election of Representative of Senate on the Board of Governors

Dean Buchanan)
Dr. Todd) That the appointment of a representative of Senate on the Board of Governors be deferred until the new appointment has been made to Senate by the Government to replace Mr. J. W. Spencer, deceased.

Carried

Appointment of Standing Committees and Representatives on University Committees, Session 1946-47

The following nominations of the Committee on Selection of Committees were read:

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Committee on Calendar

Dr. O. J. Todd (Chairman)
Mr. F. A. Forward
Dr. G. H. Harris
Mr. W. R. McDougall

Press Committee

Dr. A. E. Grauer (Chairman)
Dr. C. A. H. Wright
Mrs. Sally Murphy Creighton
Dr. H. V. Warren
Mr. F. J. Burd

Committee on Honorary Degrees

Dr. G. G. Sedgewick (Chairman)
Dean D. Buchanan
Dean J. N. Finlayson
Dean F. M. Clement
Dean G. F. Curtis
Dean M. Dorothy Mawdsley
Mr. A. R. Lord
Mr. K. P. Caple

Committee on Military Education

The Chancellor
The President
The Dean of Arts and Science
The Dean of Applied Science
The Registrar
The Officer Commanding, C.O.T.C.
The Officer Commanding, U.N.T.D.
The President of the Alma Mater Society

Committee on Memorial Minutes

Dr. G. G. Sedgewick (Chairman)
Dr. O. J. Todd

Committee on Professors Emeriti

Dr. G. G. Sedgewick (Chairman)
Dr. O. J. Todd
Dean D. Buchanan
Dean J. N. Finlayson
Dean F. M. Clement
Dean G. F. Curtis

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Committee on Decorations and Distinctions which University Students and Graduates Received During the War

Dr. H. V. Warren (Chairman)
Mr. A. E. Lord
Dr. H. J. MacLeod
Dr. G. H. Harris
Mr. H. N. MacCorkindale
The Registrar
The President of the Alma Mater Society
Mr. A. H. Sager

Representative on University Council on Athletics and Physical Education

Dr. H. V. Warren

Representative on Committee on Public Relations

Mrs. Sally Murphy Creighton

Mr. A.E.Lord)
Mr. English) That these nominations with the exception of the Committee on Military Education be approved.
Carried

In connection with the Committee on Military Education, the President drew attention to the Joint Services University Training Committee which had been established under provisions of a Federal Order-in-Council with responsibility to the Department of National Defence as well as to the University. The J.S.U.T.C. had presented a recommendation that the Committee on Military Education be discharged and its functions transferred to the J.S.U.T.C. The question was raised as to whether certain matters of policy directly affecting the University might not make it advisable to continue the Committee on Military Education in existence.

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Mr. A.E.Lord)
Dean Buchanan) That the Committee on Military Education be continued and that the personnel recommended be approved.

Carried

Appointment of Library Committee

Nominations by the Faculties:

Arts and Science - Dr. Dorothy Blakey Smith
Mr. A. C. Cooke
Dr. Ian McTaggart Cowan

Applied Science - Dr. A. E. Hennings

Agriculture - Dr. J. C. Berry

Law - Dean Curtis

Mr. MacCorkindale)
Mr. Gage) That the nominations by the Faculties be approved.

Carried

Report on Registration

For the information of Senate a statement of registration for the Session 1946-47 was circulated. The total number of students enrolled as at October 23rd, 1946, was 8986 as compared with a total of 5636 on October 25th, 1945. The present enrolment includes 4800 veteran students.

From the Board of Governors

New Courses: Economics 401, Commerce 486, 496 - Approved
Directed Reading Courses, 1946-47 - Approved
Courses in Slavonic Studies - Approved
Pre-optometry courses - Approved subject to specified financial conditions
Course for Professional Gardeners - Approved in principle
Report of Committee on Physical Education - Approved the action of Senate
Special Winter Session Dropped - Approved
Robert S. Day and Son, Ltd., Bursary - Approved
W. D. Shaffer Bursary - Approved

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Canadian Industries Ltd., Fellowship - Approved
Extra University Entrance Scholarship - Approved
Appointment of Mr. Lighthall as Professor Emeritus - Approved

Victoria College Council

At the request of the President, Dean Buchanan reported that he had attended several meetings of the Council and stated that it was dealing in a most satisfactory manner with the problems of funds, accommodation, etc.

The members of Senate approved the suggestion that regular reports be received from University representatives attending the Victoria College Council meetings.

From the Faculties

For the information of Senate a report was received with reference to Supplemental Examinations, Special Examinations, and Re-readings.

Candidates for Degrees and Diplomas

Dean Buchanan presented the list of candidates for degrees in the Faculty of Arts and Science.

Dean Buchanan)
Mr. Gage) That the recommendation of the Faculty of Arts and Science with respect to candidates for the degree of M.A. be approved.
Carried

Dean Buchanan)
Mr. Gage) That the recommendations of the Faculty of Arts and Science with respect to conferring the degrees of B.A. with Honours, B.A. in the General Course, B.Com., B.Ed. and B.S.W. be approved.
Carried

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Dean Finlayson presented the report of the Faculty of Applied Science.

Dean Finlayson)
Mr. Forward) That the recommendation of the Faculty of Applied Science with respect to candidates for the degree of M.A.Sc. be approved.
Carried

Dean Finlayson)
Dr. MacLeod) That the recommendations of the Faculty of Applied Science with respect to the conferring of the degrees of B.A.Sc., B.S.F. and the Certificate in Public Health Nursing be approved.
Carried

Dean Clement presented the report of the Faculty of Agriculture.

Dean Clement)
Dr. Berry) That the recommendation of the Faculty of Agriculture with reference to the degree of M.S.A. be approved.
Carried

Dean Clement)
Dr. Berry) That the recommendations of the Faculty of Agriculture with reference to the degrees of B.S.A. be approved.
Carried

Dean Buchanan)
Mr. Gage) That the Chairman, in consultation with the Secretary and the Deans of the Faculties, be authorized to make any necessary changes.
Carried

Curriculum Changes, 1946-47

Faculty of Arts and Science

At a meeting held on October 9th, 1946, the following changes in courses were approved and recommended to

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Senate to take effect in the present Session:

(a) That beginning with the present session Psychology 100 be made equivalent to Psychology 101 and that students who have previously credit for Psychology A be not required to take Psychology 101 in order to qualify for further courses in Psychology, and

That Psychology 200, 201, 202, 300 and 301 be considered as Third and Fourth year courses open also to students in Second Year.

(b) That Geography 407, Human and Cultural Geography be changed from a one-unit to a three-unit course.

(c) That Plant Physiology (advanced) or advanced Agronomy be accepted in place of Chemistry 3 in the course leading to the degree of B.A. in Biology, Forestry option.

(d) That the following new courses be authorized in the Department of Zoology:

Zoology 405 - Fisheries Technology - A course of seminars, laboratory exercises and demonstrations in the handling, preparation, preservation and processing of fish.
Practical work is given with the co-operation of the staff of the Pacific Fisheries Experimental Station and certain members of the research staffs of the fishing companies. Classes are held in the laboratories of these institutions. The course is open to students in the Commerce and Fisheries Option and may be taken by other students only with the permission of the head of the department.
Four hours a week, First term. Mr. Hoar 1½ units.

Zoology 406 - Parasitology - A general course dealing with the classification, morphology and life histories of animal parasites affecting domestic and wild animals and man.
Two lectures and four hours laboratory a week, times to be arranged. Second term. Mr. Adams - 2 units.

(e) That the following new course be authorized in the Department of French:

French 504 - Some Aspects of French Classicism
(The content of the course to be left to Dr.Ashton) 3 units.

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In accordance with the resolution of Senate the following courses in Slavonic Studies have been agreed upon beginning with the present Session:

Russian 90 - Beginners' Russian - 3 units.
Slavonic Studies 310 - The Culture of the Slavonic Peoples - 3 units.

Dean Buchanan)
Mr. Gage) That these changes in courses and new courses effective in the present session be approved.

Carried

Faculty of Applied Science

At a meeting held on October 10th, 1946, the following changes in courses were approved and recommended to Senate:

(a) That, beginning with the present Session, Mathematics 304 be substituted for Mathematics 303 in the course in Engineering Physics.

(b) That the following Graduate Courses in Mechanical Engineering be introduced to be given in alternate years, beginning with M.E. 561 in the present Session:

M.E. 561 - Advanced Applied Mechanics.
This course deals with the various problems of stress analysis of interest to machine designers. The behaviour of actual material in machines will also be considered with emphasis being placed on plasticity and creep effects, fatigue or endurance properties, and impact and dynamic effects.
The laboratory period is utilized for problems and computations, and experimental methods of stress analysis.
Textbook: Timoshenko - "Strength of Materials", Part I and II - Van Nostrand.
Two one-hour lectures and one three-hour laboratory period per week. - 3 units.
Given in 1946-47 and alternate years. Mr.Richmond.

M.E.565 - Mechanical Vibrations
This course will continue the study of mechanical vibrations started in M.E. 465, and will consider the vibration of elastic bodies, engine dynamics and torsional vibrations, self excited vibrations, vibration of non-linear systems and other subjects of interest in machine design.

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The laboratory period is utilized for problems and computations, and methods of vibration measurement.
Textbook: Don Hartog - "Mechanical Vibrations" McGraw Hill.
Two one-hour lecture periods and one three-hour laboratory period per week. - 3 units
Given in 1947-48 and alternate years. Mr.Richmond.

In accordance with action by Senate and Board of Governors the following courses have been provided in the Department of Architecture beginning with the present Session:

Architecture 150 - Principles of Architecture - 2 units.
Architecture 152 - Architectural Drawing - 2 units.

It has been decided, subject to approval by Senate, that the requirements for admission to the First Year of the course in Architecture should be the same as for the Engineering Courses in Applied Science and that the First Year of the course in Architecture should be the same as in Engineering except that Architecture 150 and 152 should replace C.E.150 and M.E.152.

Dean Finlayson)
Mr. Forward) That these changes and additions to courses effective in the present session be approved.
Carried

Faculty of Agriculture

At a meeting held on October 12th, 1946, the following new course was approved and recommended to Senate:

Animal Husbandry 316 - Fundamentals of Fur Farming. The development of fur farming in Canada together with the origin and improvement under domestication of the various species of animals suitable for fur production. Selection of ranch sites, suitable lay-outs, buildings and equipment. Fur farm management practices including:

(a) Breeding, rearing of young, feeding, priming and pelting.

(b) Sanitation and hygiene; diseases and parasites: control and prevention.

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Two lectures and one laboratory per week - 3 units.
Dr. C.E. Phillips.

Dean Clement)
Dr. Harris) That this new course be approved and be effective in the present Session.

Carried

Prizes, Scholarships and Bursaries

Mr. Gage, Chairman of the Joint Faculty Committee on Prizes, Scholarships and Bursaries, presented a report on the awards for the year ending October, 1946.

Mr. Gage)
Dean Curtis) That this report be accepted.

Carried

Mr. Gage presented the report of the Scholarships Committee on the Special Bursaries awarded in September, 1946.

Mr. Gage)
Dean Curtis) That this report be accepted.

Carried

Mr. Gage also presented the report of the Scholarship Committee on the Dominion-Provincial Youth Training Bursaries and Provincial Loan Fund.

Mr. Gage)
Dean Curtis) That this report be accepted.

Carried

Mr. Gage announced that the following further postponements in connection with scholarship awards had been recommended by the Committee on Prizes and Scholarships and authorized by the Faculty concerned:

Faculty of Arts and Science

1. Kenneth G. Booth (Lefevre Scholarship, 1941-42) -

that postponement be granted for one more year only. Mr. Booth, who enlisted in 1942, has never requested postponement and his address is unknown.

2. Aubrey Tanner (anonymous bursary for special proficiency) - That postponement for one year be granted. The donor had approved the request that the funds be conserved towards heavier expenses at medical school next year.

Faculty of Applied Science

George C. Best (B.C. Electric Railway Company Research Scholarship, 1945) - that Mr. Best be asked to give a definite answer as to whether or not he intends to return; if so, that the scholarship be held for him for one more year only; otherwise, the donors be asked to donate the sum for special equipment.

For the information of Senate Mr. Gage read the following announcement regarding scholarships that had been relinquished:

Faculty of Arts and Science

Joan A. Richards - has relinquished the Lefevre Scholarship awarded in May, 1946, as she is not returning to the University. No recommendation of another recipient has been made by the Department.

Faculty of Applied Science

David Rose - relinquished the B.C. Electric Scholarship for Electrical Engineering as he is not proceeding with that course.

The award goes to the next highest candidate - Donald J. Evans.

New Awards and Changes

Mr. Gage, Chairman, presented the recommendation of the Joint Faculty Committee on Prizes, Scholarships and Bursaries that the offer of the British Columbia Sugar Refining Company Limited Scholarships be accepted on the following terms of award:

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The British Columbia Sugar Refining

Company Limited Scholarships

Scholarships to the total of $2,500.00, the gift of the British Columbia Sugar Refining Company Limited, are available annually for students in Agriculture, Bacteriology, Botany and Biology, Chemistry, Fisheries, Home Economics, and Zoology. Awards are open to graduate students, or undergraduates entering the final year of their course. Winners of these awards will be selected by the Joint Faculty Committee on Prizes, Scholarships, and Bursaries from recommendations submitted by the Departments concerned. Selection will be made on the basis of scholastic standing and promise of ability in research.

Mr. Gage)
Mr. Forward) That these scholarships be accepted and a letter of thanks sent to the donor.

Carried

In accordance with the wishes of the donor the inclusion of the following clause was recommended in the terms of the W. D. Shaffer Bursary: "That the award may be made to a student in any year in any Faculty if there is no qualified applicant in the Teacher Training Course".

Mr. Gage)
Dean Curtis) That this amendment be approved.

Carried

Mr. Gage presented the recommendation of the Joint Faculty Committee on Prizes, Scholarships and Bursaries that the offer of the Toronto General Trusts Corporation to present a prize to the Faculty of Law be accepted on the following terms of award:

The Toronto General Trusts Corporation Prize

Through the generosity of the Toronto General Trusts Corporation, a prize of $30, to be used in

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the purchase of Law books, will be available for students in the Faculty of Law. This prize will be awarded to the student who, in the final examinations, obtains highest standing in the subject of Wills.

Mr. Gage)
Dean Curtis) That this prize be accepted on the above terms of award.

Carried

Mr. Gage, on behalf of the Joint Faculty Committee on Prizes, Scholarships and Bursaries recommended the acceptance of the offer of Mr. H. H. McDougall to provide a bursary of $1000.00 to assist a worthy student to continue his course, the selection to be made by the Scholarship Committee. Mr. McDougall requested that no newspaper publicity be given this gift.

Mr. Gage)
Dean Finlayson) That this bursary be accepted and a letter of thanks sent to the donor and that the donor's wishes regarding no publicity be respected.

Carried

On behalf of the members of Senate the President expressed deep appreciation of the work done by the Committee on Prizes, Scholarships, and Bursaries. Senate passed a unanimous vote of thanks.

Reports of Committees

Library Committee

A letter was received from Professor T. Larsen, Chairman, presenting the seventeenth report of the Library Committee to Senate, covering the period from April 1st, 1945, to August 31st, 1946.

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Mr. A.E. Lord)
Mr. McDougall) That the report of the Library Committee be received and laid on the table.

Carried

Honorary Degrees

Dr. Sedgewick, Chairman, presented a recommendation of the Committee on Honorary Degrees that the Degree of D.Sc. be conferred on Dr. Wilder Penfield who has been invited to give the Congregation Address at the Autumn Congregation.

Dr. Sedgewick)
Dr. Ewing) That this recommendation be approved.

Carried

Dr. Sedgewick)
Mr. MacCorkindale) That the President be authorized to write the Honourable John Hart to ascertain whether he would accept the Honorary Degree of LL.D. at some future Congregation convenient to him.

Carried

Memorial Minutes

The following tribute to the memory of Mr. John Williams Spencer who died on June 18th, 1946, was read by Dr. Sedgewick, Chairman of the Committee on Memorial Minutes:

"The Senate expresses its sense of loss in regretfully recording the death of a valued member of its body, Mr. John Williams Spencer of Victoria - a man of beneficent public spirit and a warmly sympathetic supporter of University interests."

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Dr. Sedgewick)
Dr. Todd) That this minute be approved and a copy sent to Mrs. Spencer.
Carried

Correspondence

A letter was received from Professor A. Lighthall expressing appreciation of his appointment as Emeritus Professor.

An acknowledgement of Senate's decision to discontinue courses offered through the Canadian Legion Educational Services was received from that organization together with an expression of appreciation of the correspondence courses and facilities offered the armed services by the University during the war.

A letter was received from the Superintendent of Education regarding the distribution of University Entrance and Senior Matriculation Scholarships with the recommendation that the Province of British Columbia be re-zoned to allow a more equitable allocation of scholarships.

Mr. MacCorkindale)
Mr. Gage) That the report be approved.
Carried

A recommendation was received from the Faculty of Arts and Science that Dr. E. W. Du Vall be made a member of that Faculty during the period of his appointment as Lecturer in Sociology, replacing Dr. Topping on leave of absence.

Dr. Todd)
Dr. Sage) That the recommendation of the Faculty be approved.
Carried

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Mr. A.E. Lord)
Dr. Sedgewick) That the Statute of Senate regarding membership in the Faculties be referred to the Faculties for reconsideration and recommendation.

Carried

In view of certain problems which had arisen concerning fraternity residences, the President suggested that a committee be formed to deal with problems in connection with Fraternities and Sororities.

Mr. Sedgewick)
Mr. Gage) That the President be empowered to form a committee to deal with Fraternity and Sorority relations with the University.

Carried

Dean Finlayson brought forward for discussion various criticisms levelled at the University concerning the number of new courses and departments being established during the present period of increased enrolment. The matter was discussed at some length but no action taken.

Dr. Warren)
Dr. Sage) That Senate express to the Librarian and the Library Staff its appreciation of the splendid manner in which they have carried on under present difficult conditions.

Carried

The meeting adjourned.

Charles B. Wood

Secretary.

Chairman